

*PA-5
Call letter to*

CHANCELLOR'S DOCKET NO. 69

THE UNIVERSITY OF TEXAS SYSTEM
Office of the Chancellor

December 13, 1973

TO THE HONORABLE BOARD OF REGENTS
OF THE UNIVERSITY OF TEXAS SYSTEM

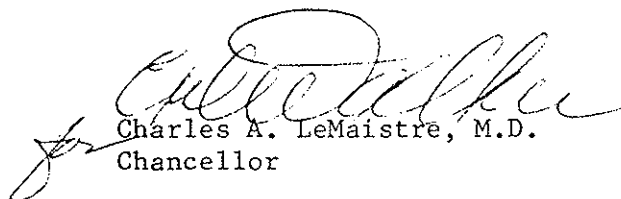
Mrs. Johnson and Gentlemen:

The dockets recommended by the Chief Administrative Officers concerned and prepared by the component institutions listed below are herewith submitted with my recommendation for ratification or approval, as appropriate, at the meeting of the Board of Regents on February 1, 1974. The budget changes included in these dockets have been approved by me and are herewith submitted as a report to the Board of Regents.

- The University of Texas at Arlington (Page Code AR)
- The University of Texas at Austin (Page Code A)
- The University of Texas at Dallas (Page Code D)
- The University of Texas at El Paso (Page Code EP)
- The University of Texas of the Permian Basin (Page Code PB)
- The University of Texas at San Antonio (Page Code SA)
- The University of Texas Health Science Center at Dallas (Page Code HD)
- The University of Texas Medical Branch at Galveston (Page Code G)
- The University of Texas Health Science Center at Houston (Page Code HH)
- The University of Texas Health Science Center at San Antonio (Page Code HS)
- The University of Texas System Cancer Center (Page Code CC)
- The University of Texas System School of Nursing (Page Code N)

On the following pages are U. T. System and Institutional items which I also recommend for the Board's ratification or approval, as appropriate, including my report of budget changes.

Sincerely,


Charles A. LeMaistre, M.D.
Chancellor

CAL/sar

THE UNIVERSITY OF TEXAS SYSTEM ADMINISTRATION
BOARD OF REGENTS MEETING - FEBRUARY 1, 1974

F + D

AMENDMENT TO THE UNIVERSITY OF TEXAS SYSTEM CONTRACT WITH BLUE CROSS/BLUE SHIELD

It is recommended that The University of Texas System contract with Blue Cross/Blue Shield be amended to provide for increased benefits necessary to give member employees adequate protection against catastrophic injuries or illnesses with no premium increase. The new contract would provide --

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1. an increase in the Major Medical Maximum to \$250,000.00 per benefit or lifetime period (from a maximum of \$5,000.00 or \$10,000.00 per benefit period, and \$10,000.00 or \$20,000.00 per lifetime period, depending on the participant's choice of plan);
2. a change in coverage which will provide that Blue Cross/Blue Shield will pay 100% of covered medical expenses in any benefit period after the participant has paid \$600.00 in covered medical expenses. (To be continued in the contract is the present provision for a \$100.00 deductible per benefit period, after which Blue Cross/Blue Shield pays 80% and the participant pays 20%.)

All of the above changes are to be made with no increase in the present rates.

In addition, it is recommended that the contract be amended to provide --

1. an extension of the present contract to August 31, 1974, with a new contract to be negotiated for the period September 1, 1974, through August 31, 1975, to coincide with the institutional fiscal year;
2. for the deletion of the Schedule of Specifications titled Plan IV (Grandfather), because benefits provided under this plan are no longer adequate and participants covered thereunder will convert to one of the other plans.

CONTRACTS AND AGREEMENTS (OTHER)

1. Amendment to the Lease Agreement between the Commodore Perry Building and The University of Texas System providing for the addition of 256 square feet of office space to the existing lease. There is no change in the rate, but the total space under lease is increased from 6,002 to 6,256 square feet, and the monthly rental is increased from \$2,400.80 to \$2,503.20 from December 1, 1973 through August 31, 1974. This space will be used by the Central Medical Applications Office for the new Admissions Matching Project.
2. Interagency Contract No. IAC(74-75)-0486 between The University of Texas Health Science Center at Houston and The University of Texas System Administration in which the Houston Health Science Center will provide office space, custodial services, and utilities for the U. T. System Office of Equal Opportunity in the space the Houston Health Science Center is leasing in the Prudential Building at 1100 Holcombe Boulevard, Houston, Texas. The term of the contract is for the period November 1, 1973 through August 31, 1974. The space provided will be 509 square feet (Suite 1303) at the rate of \$.5112 per square foot per month (\$260.20 monthly), the total contract not to exceed \$2,602.
3. Ratification of contract between Richard Abel Company and The University of Texas at San Antonio, The University of Texas of the Permian Basin, and The University of Texas at Dallas to provide services necessary to process and prepare books for the libraries at such components together with microfische card catalogs and procedure for updating such catalogs. The contract period is the 1973-74 fiscal year. Prorated charges will be paid by the several institutions based on volume and type of service.

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Total fund \$180,000,

*San Antonio
see this contract*

THE UNIVERSITY OF TEXAS SYSTEM ADMINISTRATION
REPORT OF AMENDMENTS TO THE 1973-74 OPERATING BUDGET
BOARD OF REGENTS MEETING - FEBRUARY 1, 1974
 Source of Funds - Departmental Appropriations
 (Unless Otherwise Specified)

Office of the Chancellor

1. Change the title of William H. Knisely from Vice Chancellor for Health Affairs to Assistant to the Chancellor for Health Affairs effective December 1, 1973 with no change in the annual salary rate of \$46,100. (RBC# D-43) *Misc file*
2. Change the status of James W. Wagener from Assistant Vice Chancellor for Academic Programs at an annual salary rate of \$25,900 to Assistant to the Chancellor for Academic Affairs at an annual salary rate of \$30,000 effective December 1, 1973. (RBC# D-44)
3. Remove Talmage R. Whiteside, Assistant to the Deputy Chancellor for Administration at an annual salary rate of \$27,700, from the Chancellor's Office budget effective November 30, 1973. Mr. Whiteside is transferring to the System Nursing School. (RBC# D-42)

Special Services - Development Division

4. Transfer \$369 from the Publishing and Mailing account to the Classified Salaries account to provide funds for a merit increase for the Administrative Secretary. (RBC# D-36)

Special Services - Security Division

5. Increase the annual salary rate of Robert K. Bratten, Special Investigator, from \$12,500 to \$13,100 effective December 1, 1973. (RBC# D-34)

Auditing Oil and Gas Production

6. Transfer \$369 from the Travel account to the Classified Salaries account to provide funds for reclassification and salary increase for a secretarial position. (RBC# D-32)

System Personnel Office

7. Transfer \$792 from the Administrative Salaries account to the Classified Salaries account to provide funds for reclassification of an Administrative Secretary to an Administrative Assistant. (RBC# D-37)

System Personnel Office - Workmen's Compensation Insurance Division

8. Transfer \$5,380 from the Compensation Benefits for Injury account to the Classified Salaries account to establish a new position of Administrative Clerk effective November 1, 1973. (RBC# D-35)

Administrative Charges to Trust Funds

9. Transfer \$22,411.24 from the Administrative Charges account number [REDACTED] to Projects Development Fund account number [REDACTED] (\$22,000) and Miscellaneous Charges account number [REDACTED] (\$411.24). (RBC# D-46) *File 10*

Office of Facilities Planning and Construction

10. Appoint Robert L. Balfanz as Construction Inspector at an annual salary rate of \$13,500 effective December 1, 1973. (RBC# D-39)

Office of Facilities Planning and Construction (Continued)

11. Appoint Harold G. St. Clair as Construction Inspector at an annual salary rate of \$12,500 effective December 1, 1973. (RBC# D-40)
12. Appoint Robert E. Lanser as Junior Construction Inspector at an annual salary rate of \$11,200 effective November 26, 1973. (RBC# D-38)
13. Resign Frank B. Brown, Construction Inspector at an annual salary rate of \$14,400, effective December 31, 1973. (RBC# D-41)
14. Remove Carlton D. Yarbrough, Construction Inspector at an annual salary rate of \$14,400, from the budget as of November 9, 1973, the date of his death. (RBC# D-33)

OTHER FISCAL ITEMS

1. U. T. Dallas - Transfer of Funds from Environmental Science Building (Project No. 302-211) to Phase II Buildings (Project No. 302-151) 200

During the final stage of design of the Environmental Science Building it was recognized that certain extensions of underground utilities would, of necessity, interface with certain access road (Drive "C") construction included in the Phase II Buildings construction already underway. To prevent delay to the construction of the needed access road and to avoid a subsequent partial tearout of work, a change order was negotiated with the Phase II Buildings contractor to install a segment of the necessary underground utilities lines concurrent with the road construction. This work was timely directed at the negotiated price of \$3,556.00. The cost for this work was provided for in the project contingency for the Environmental Science Building which is now under construction. This change of scope is outside the normal construction contingency, but to expedite the work and payment therefor, construction contingency funds in the Phase II Building contract were used. The Phase II funds should now be replaced.

It is recommended that:

- a. Funds in the amount of \$3,770.00 be transferred from Project 302-211 as follows:

To: Phase II Buildings Construction (Hensel Phelps)	\$3,556.00
To: Architect/Engineer (Harwood K. Smith & The Oglesby Group)	214.00
Total Fund Transfer	\$3,770.00

2. Dallas Health Science Center - Basic Sciences Teaching Unit (Project No. 303-100) 200

Changes in the Phase I Expansion Program contract were necessary to implement appropriate portions of the plan for campus-wide distribution of de-ionized water. Robert E. McKee, Inc., an on-site contractor, submitted a low bid in the amount of \$11,389.00 to do this work to be added to the contract amount of the Basic Sciences Teaching Unit, a portion of the Phase I Expansion Program.

Since this change was outside the scope provided by the normal construction contingency allowance and includes Architect/Engineer fees and other miscellaneous expenses, it is recommended a change order to Robert E. McKee, Inc. contract for the Basic Sciences Teaching Unit be approved and that the following transfer of funds be made:

From: Dallas Health Science Center Plant Funds	\$12,850
To: Project No. 303-100, Basic Sciences Teaching Unit, Dallas Health Science Center	\$12,850

OTHER FISCAL ITEMS (Continued)3. Administrative Expenses for Issuance of U. T. Austin \$53,000,000 Building Revenue Bonds, Series 1974

In order to provide for the administrative expenses relating to issuance of the captioned bonds (estimated not to exceed \$125,000, and including fees for bond counsel, bond consultant, rating agency fees, printing expenses, etc.), it is in order to appropriate \$125,000 from the bond proceeds previously appropriated to Project No. 102-200, Social Science and Humanities Library, for these expenses, and to replace this amount in the appropriation for this project by transfer from Available University Fund (Sub-account No. 63-1022-0000).

THE UNIVERSITY OF TEXAS AT ARLINGTON

Arlington, Texas

December 3, 1973

Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the February 1, 1974, meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,



W. H. Nedderman
Acting President

THE UNIVERSITY OF TEXAS AT ARLINGTON

BOARD MEETING ON FEBRUARY 1, 1974

41

CHANGES IN 1973-74 CLASSIFIED PAY PLAN

I recommend approval of the following changes in the 1973-74
Classified Pay Plan:

Additions

<u>Code Number</u>	<u>Job Title</u>	<u>Salary Range</u>	
		<u>Monthly</u>	<u>Annual</u>
3020	Coordinator of Student Organizations	\$859 - 1,159	\$10,308 - 13,908
8329	Slide Librarian	503 - 680	6,036 - 8,160
8651	Editor II	658 - 859	7,896 - 10,308
9616	Assistant Bookstore Manager	703 - 949	8,436 - 11,388

Salary Range Change

From: 3071	Head Resident II	427 - 576	5,124 - 6,912
(as listed in 1973-74 Pay Plan Proposals)			
To:		503 - 680	6,036 - 8,160

From: 3072	Head Resident I	358 - 469	4,296 - 5,628
(as listed in 1973-74 Pay Plan Proposals)			
To:		455 - 615	5,460 - 7,380

From: 6490	Sales Clerk	341 - 447	4,092 - 5,364
(as listed in 1973-74 Pay Plan Proposals)			
To:		360 - 470	4,320 - 5,640

From: 9071	Clerk	326 - 427	3,912 - 5,124
(as listed in 1972-73 Pay Plan)			
To:		360 - 470	4,320 - 5,640

From: 9084	Mail Clerk II	374 - 491	4,488 - 5,892
(as listed in 1973-74 Pay Plan Proposals)			
To:		398 - 520	4,776 - 6,240

Salary Range Change and Title Change

From: 3437	Games Area Attendant	427 - 576	5,124 - 6,912
To: 3437	Recreation Facilities Attendant	470 - 636	5,640 - 7,632

From: 6035	Manager of Rent Properties and Housing Operations	854 - 1,121	10,248 - 13,452
(as listed in 1972-73 Pay Plan)			
To: 6035	Manager of Rent Properties	859 - 1,159	10,308 - 13,908

From: 6192	Food Service Worker I	312 - 408	3,744 - 4,896
(as listed in 1972-73 Pay Plan)			
To: 6192	Food Service Worker	360 - 470	4,320 - 5,640
(We do not wish to use the Roman Numeral I)			

THE UNIVERSITY OF TEXAS AT ARLINGTON

BOARD MEETING ON FEBRUARY 1, 1974

Salary Range Change and Title Change (continued)

From:	8607	Associate Director of News/Publications	1,068 - 1,415	12,816 - 16,980
(as listed in 1972-73 Pay Plan)				
To:	8607	Assistant Director, News and Information Service	1,084 - 1,417	13,008 - 17,004
From:	8652	Editor	576 - 758	6,912 - 9,096
To:	8652	Editor I	595 - 778	7,140 - 9,336

RESEARCH AND OTHER ACADEMIC CONTRACTS

The following contracts, grants and amendments have been signed by the appropriate official upon the recommendation of the respective technical directors and fiscal officers.

Expenditures from these contracts and grants will be made in accordance with regular University operating procedures and contractual limitations. I recommend your approval and ratification of signatures.

D + W

NON-FEDERAL PROJECTS

1. Interagency Cooperation Contract IAC(74-75)-0427 between The University of Texas at Dallas and The University of Texas at Arlington whereby UT Arlington will furnish such reproduction and assembly services as UT Dallas may consider necessary to its operation. The total amount of the contract shall not exceed \$25,000, and shall be based on actual services rendered and supplies used, at a rate which UT Arlington charges for such work done for other component institutions of The University of Texas System. Contract is to begin September 15, 1973, and end August 31, 1975.
2. Interagency Cooperation Contract IAC(74-75)-0428 between The University of Texas at Arlington and The University of Texas at Dallas whereby UT Dallas shall provide a faculty member to teach a course with a teaching load of approximately six semester credit hours per semester, in the Department of Foreign Languages at UT Arlington, during that portion of the 1973-74 academic year from October 1, 1973, through May 31, 1974, for an amount not to exceed \$6,348.90.
3. Interagency Cooperation Contract IAC(74-75)-0467 between Texas A&I University at Laredo and The University of Texas at Arlington Visual Instruction Bureau which provides for the rental of film for the period September 1, 1973, through August 31, 1975, at a cost not to exceed \$2,000.
4. Interagency Cooperation Contract IAC(74-75)-0468 between The University of Texas at Arlington and The University of Texas at Dallas which provides for the rental of two Novar Interactive Terminals at a cost not to exceed \$1,440 for the period October 1, 1973, through March 31, 1974.

THE UNIVERSITY OF TEXAS AT ARLINGTON

BOARD MEETING ON FEBRUARY 1, 1974

5. Letter dated October 5, 1973, from The Hogg Foundation for Mental Health whereby The Hogg Foundation awards the sum of \$4,500 for support of a program for ongoing freshman orientation by utilizing peer counselors during the 1973-74 academic year.
6. Agreement dated July 23, 1973, between The Citizens Study Commission on Facilities for Children in Need, established by Tarrant County, and The University of Texas at Arlington whereby The Citizens Study Commission accepts a "Proposal for Study" submitted by the UT Arlington Graduate School of Social Work and Regional Center for Individual Community Development. The proposed study schedule indicates the period July 15, 1973, through December 15, 1973, will be utilized for this study, at an estimated cost of \$10,000.
7. Lease Agreement between The Housing Authority of the City of Dallas and The University of Texas at Arlington whereby the Graduate School of Social Work leases Apartment No. 3068, 3421 Applegrove, Project Tex 9-11C, Elmer Scott Place in the City of Dallas, as an office for a field instruction unit for graduate students of the Graduate School of Social Work. The lease agreement is effective as of September 1, 1973, at a monthly rate of \$50 for a continuing period of time subject to the right of cancellation on the part of either party by the giving of sixty days written notice.

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RECOMMENDED AMENDMENTS TO THE 1973-74 BUDGET

Board Meeting - February 1, 1974

LIBERAL ARTSDepartment of Architecture

1. Appoint Jack F. Roberts (non-tenure) as Adjunct Assistant Professor at 25% with stipend of \$1500, 7 1/3 months; with academic rate of \$7368 effective October 22, 1973. Funds are available from Unallocated Faculty Salaries-Liberal Arts. (RBC #208)

Department of English

2. Appoint Judith McDowell (non-tenure) as Lecturer at 100% with stipend of \$2400, 2 1/2 months; with academic rate of \$8640 effective November 1, 1973. Funds are available from Unallocated Faculty Salaries-Institutional. (RBC #214)

Department of Art

3. Appoint William B. Wadley (non-tenure) as Lecturer at 25% with stipend of \$1000, 4 1/2 months; with academic rate of \$8000 effective January 16, 1974. Funds are available from Unallocated Faculty Salaries-Liberal Arts. (RBC #215)

Department of Foreign Languages and Linguistics

4. Transfer of Funds:

From:	Unallocated Departmental Operating Expense-Unallocated Salaries	\$17,966.55
To:	Maintenance and Operation	\$17,966.55
For:	To provide funds necessary to cover contract services between The University of Texas at Arlington and the International Linguistics Center in Dallas.	

(RBC #213)

Department of Sociology

5. Appoint John L. Jerome (non-tenure) as Graduate Teaching Assistant at 50% with stipend of \$800, 2 months; with academic rate of \$7200 effective November 19, 1973. Funds are available from Unallocated Faculty Salaries-Institutional. (RBC #216)

6. Appoint Dorothy P. Jackson (non-tenure) as Instructor at 50% with stipend of \$800, 2 months; with academic rate of \$7200 effective November 19, 1973. Funds are available from Unallocated Faculty Salaries-Institutional. (RBC #217)

ENGINEERINGDepartment of Aerospace Engineering

7. Transfer of Funds:

From:	Unallocated Departmental Operating Expense - Maintenance and Operation	\$1988.
To:	Maintenance and Operation	\$1988.
For:	To correct balance brought forward from 1972-73 in Maintenance and Operation.	

(RBC #210)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1973-74 BUDGET

Board Meeting - February 1, 1974

PHYSICAL PLANTDepartment of Grounds Maintenance

8. Appoint Gerald F. Thompson as Groundskeeper I with annual rate of \$4944 effective October 29, 1973. Required funds are available from Maintenance and Operation within the departmental account. (RBC #209)

SERVICE DEPARTMENTSComputer Special Account

9. Transfer of Funds:

From:	Estimated Income	\$1850.
To:	Capital Outlay	\$1850.
For:	To provide funds for the purchase of a keypunch to be used by students enrolled in courses requiring the use of a computer. The keypunch will be used to make program and data corrections.	

(RBC #212)

CURRENT RESTRICTED FUNDS

Amon G. Carter Chair of Art History
Art Department-Chair of Art History

10. Transfer of Funds:

From:	Amon G. Carter Chair of Art History	\$1200.
To:	Travel	\$1200.
For:	To provide travel funds for the department. This account set up this year after the appointment of the individual to fill the Amon G. Carter Chair of Art History.	

(RBC #211)

THE UNIVERSITY OF TEXAS AT AUSTIN

Office of the President

December 6, 1973

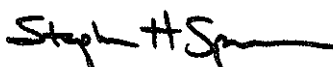
Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado St.
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the February 1, 1974 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely yours,



Stephen H. Spurr
President

THE UNIVERSITY OF TEXAS AT AUSTIN

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February 1, 1974

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THE UNIVERSITY OF TEXAS AT AUSTIN

February 1, 1974

GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN

The following gifts have been received. I recommend acceptance and that the thanks and appreciation of the Board be sent the donors by the Secretary.

A single asterisk preceding the name of the donor indicates no letter of transmittal from the donor. Two asterisks following the dollar amount indicate a noncash gift. In the case of unsold stock, the dollar amount stated is an appraisal or book value.

DONOR	PURPOSE AND CONDITIONS	AMOUNT
1 *American Iron and Steel Institute 150 East 42nd Street New York, New York 10017	College of Engineering Grant to the Bureau of Engineering Research for study on effect of beam yielding on stability of columns	\$13,200.00
2 *American Marketing Association 230 North Michigan Avenue Chicago, Illinois 60601	College of Business Administration Contribution to cover cost of editing the Journal of Marketing	6,028.50
3 Amoco Foundation, Inc. Donald E. Burney Executive Director 910 South Michigan Ave. Chicago, Illinois 60601	U. T. Austin Contribution of \$5,000 to the College of Engineering to provide the Amoco Graduate Fellowship in the Department of Petroleum Engineering; and \$1,000 to the College of Business Administration for the Petroleum Land Management Program	6,000.00
4 Mr. and Mrs. L. T. Barrow 3314 Chevy Chase Drive Houston, Texas 77019	College of Natural Sciences Contributions to the Department of Geological Sciences: Wallace E. Pratt Professorship of Geophysics, <u>\$12,500.00</u> Fred M. Bullard Professorship, <u>1,000.00</u> Vertebrate Paleontology Laboratory Fund, 1,000.00 Hal P. Bybee Memorial Fund, 2,282.28 Owen-Coates Fund, 100.00	16,882.28
5 Mrs. W. F. Bowman 5633 Candlewood Houston, Texas 77027	U. T. Austin Contributions of \$4,000 to the Wayne Franklin Bowman Memorial Scholarship Fund of the Department of Geological	5,000.00

(continued next page)

DONOR	PURPOSE AND CONDITIONS	AMOUNT
Mrs. W. F. Bowman (continued)	Sciences, and \$1,000 to the Wayne Franklin Bowman Memorial Scholarship Fund of the College of Engineering	
6 The Brown Foundation, Inc. Merritt Warner Executive Administrator 2118 Welch Avenue Houston, Texas 77019	College of Fine Arts Initial payment on grant to establish the <u>Leslie Waggener</u> Professorship in the College of Fine Arts	\$50,000.00
7 T. J. Brown and C. A. Lupton Foundation, Inc. S. P. Woodson, Jr. Managing Director P. O. Box 1378 Fort Worth, Texas 76101	U. T. Austin Unrestricted grant to be used for the benefit of the Arts and Sciences Foundation	20,000.00
8 Amon G. Carter Foundation Mrs. Katrine Deakins Secretary-Treasurer P. O. Box 1036 Fort Worth, Texas 76101	School of Communication Contribution to the Department of Journalism (fourth annual payment on 5-year pledge of support)	5,000.00
9 *Clayton Foundation for Research 1621 Bank of the South- west Building Houston, Texas 77002	Clayton Foundation Bio- chemical Institute Quarterly contribution toward cost of coordinating curriculum of students performing services for the Biochemical Institute	10,000.00
10 College Entrance Exam- ination Board 888 Seventh Avenue New York, New York 10019	U. T. Austin Contribution to provide schol- arship funds for several designated students	9,692.00
11 *Fondation Nationale pour l'Enseignement de la Gestion des Entreprises 155 Boulevard Haussmann Paris, France	College of Business Administration Continuation of support for the program of business education for a group of French educators	17,267.00
12 *Ford Foundation 320 East 43rd Street New York, New York 10017	U. T. Austin Contribution to provide fellowship funds for four designated students	13,877.00
13 Halliburton Education Foundation, Inc. J. P. Harbin, President 3211 Southland Center Dallas, Texas 75201	College of Business Administration Contribution to advance the program of educational excellence and activities of teaching faculty members	5,000.00

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DONOR	PURPOSE AND CONDITIONS	AMOUNT
14 Addie Clark Harding Estate c/o Paul L. Bolton First National Bank of Chicago One First National Plaza Chicago, Illinois 60670	U. T. Austin Bequest to be used to establish the Maud McCain Harding Fund for unrestricted use for educational purposes	\$91,875.00
15 Houston Endowment Inc. J. H. Creekmore, President P. O. Box 52338 Houston, Texas 77052	U. T. Austin Contributions to provide scholarship funds for numerous designated students	34,500.00 9,000.00
16 Lyndon Baines Johnson Foundation, Inc. John M. Barr Secretary-Treasurer P. O. Box 1011 Austin, Texas 78767	Lyndon B. Johnson School of Public Affairs *Funds to provide the Armand Hammer Scholarship, Funds to provide two Moody Graduate Fellowships,	7,718.00 6,854.00
17 Will Ed Kemble Estate Mrs. Will Ed Kemble, Independent Executrix 4008 Monticello Drive Fort Worth, Texas 76107	U. T. Austin Bequest for unrestricted use as needed	15,000.00
18 *Latin American Scholarship Program of American Universities, Inc. 25 Mt. Auburn Street Cambridge, Massachusetts 02138	U. T. Austin Contribution to International Office to continue scholarship funds for several designated foreign students	9,576.06
19 *Mrs. Greer Marechal 2909 Inwood Houston, Texas 77019	College of Fine Arts Contribution to the <u>E. W. Doty Professorship Fund</u>	5,000.00
20 *Monsanto Company Reid G. Fordyce, Manager, University Relations 800 North Lindbergh Blvd. St. Louis, Missouri 63166	U. T. Austin Contributions as follows: College of Engineering-- Department of Chemical Engineering, student aid, \$3,000 Department of Mechanical Engineering, research, 1,500 Department of Petroleum Engineering, student aid, 500 College of Natural Sciences-- Department of Geological Sciences, student aid, 500 and unrestricted, 250	5,750.00
21 Professor and Mrs. Walter L. Moore 4508 Crestway Drive Austin, Texas 78731	College of Engineering Gift of 100 shares of Delta Airlines Corporation stock for Hydraulic Engineering program, Department of Civil Engineering (stock sold for amount shown)	5,120.14

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DONOR	PURPOSE AND CONDITIONS	AMOUNT
22 National Geographic Society E. W. Snider, Secretary Committee for Research and Exploration Washington, D.C. 20036	College of Natural Sciences Grant to the Department of Astronomy to be used for the project of mapping the radio sky, under the direction of Dr. James N. Douglas	\$25,060.00
23 Phillips Petroleum Company R. G. Rhodes Bartlesville, Oklahoma 74004	U. T. Austin Contributions to be distributed as follows: College of Engineering Doctoral fellowship in Chemical Engineering, \$4,000 Unrestricted grant to Department of Petroleum Engineering, \$1,000 Professional Development Fund in Engineering, \$2,400 Engineering Foundation, unrestricted, \$3,100 Professional Development Fund: College of Natural Sciences \$400 each for Departments of Chemistry, Geological Sciences, and Mathematics, \$1,200 College of Business Administration, \$ 500 School of Law, \$ 400 Department of Geological Sciences, fellowship, \$4,000	16,600.00
24 B. M. Rankin, Jr. McMoRan Exploration Company 4579 First National Bank Building Dallas, Texas 75202	U. T. Austin Contribution of 1,000 shares of McMoRan stock to provide scholarships in Intercollegiate Athletics for students who have completed their eligibility for athletic scholarship aid	8,000.00**
25 Shell Companies Foundation, Inc. Charles E. Parker Senior Vice President P. O. Box 2463 Houston, Texas 77001	U. T. Austin Contributions to provide Shell Aids of \$5,000 each to: College of Engineering for the Department of Chemical Engineering, College of Natural Sciences for the Department of Geological Sciences, School of Communication, School of Law, and the Center for Middle Eastern Studies	25,000.00

DONOR	PURPOSE AND CONDITIONS	AMOUNT
26 Tenneco Oil Foundation Wilton E. Scott Executive Vice President Tenneco Inc. P. O. Box 2511 Houston, Texas 77001	College of Natural Sciences Contribution to the Department of Geological Sciences for the Wallace E. Pratt Professorship in Geophysics (first payment on a commitment of \$18,000)	\$6,000.00
27 The Texas Interscholastic League Foundation R. J. Kidd, Secretary P. O. Box 8028 Austin, Texas 78712	U. T. Austin Contribution of funds to provide scholarships for numerous designated students	25,087.50
28 Texas Life Insurance Association Glendon E. Johnson President P. O. Box 1780 Galveston, Texas 77550	College of Business Administration Contribution of funds to supplement salary of a professor in Actuarial Science, Funds to be used in support of the Insurance Program,	7,500.00 \$5,000 \$2,500
29 *The University of Texas Foundation, Inc. P. O. Box 7458 Austin, Texas 78712	College of Engineering Contributions to the T. U. Taylor Scholarship Fund, representing proceeds from sales of stock	14,087.91
30 *The University of Texas Foundation, Inc. P. O. Box 7458 Austin, Texas 78712	College of Business Administration Contribution to be used for Project Classroom 75, to encourage research on improv- ing teaching effectiveness, teaching methods, course improvement, and technologi- cal innovations in teaching	20,000.00
31 Frances Fowler Wallace Estate Joe W. Farmer, Jr. Independent Executor P. O. Box 2195 Austin, Texas 78767	U. T. Austin Bequest to The Hogg Founda- tion for Mental Health, to establish the Frances Fowler Wallace Memorial for Mental Health, to promote research and study into the cause and treatment, cure and prevention of mental disease, mental ill- ness, and mental disorders	47,500.00

The following nonmonetary gifts have also been received:

32 *Merle Armitage P. O. Box 1076 Yucca Valley, California 92284	Humanities Research Center Gift of a portfolio of Brett Weston photographs of Europe to be added to the Gernsheim Photography Collection	550.00**
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DONOR	PURPOSE AND CONDITIONS	AMOUNT
33 *Artine Artinian 100 Worth Avenue, PH6 Palm Beach, Florida 33480	Humanities Research Center Gift of seven etchings of French dignitaries by R. Kastor, to be added to the Iconography Collection	\$ 700.00**
34 *Ms. Dorothy Beskind 475 Park Avenue New York, New York 10022	College of Fine Arts Gift to the Art Museum of an oil painting on canvas, "Iris," by Buffie Johnson	5,000.00**
35 *Dr. Evelyn Carrington Cambridge Towers, Apt. 7F 1801 Lavaca Austin, Texas 78701	Humanities Research Center Gift of six volumes of typed copies of letters written by herself during world travels from 1963 to 1972	750.00**
36 Mr. and Mrs. Charles D. Clark P. O. Box 938 McAllen, Texas 78501	College of Fine Arts Gift of two groups of German contemporary graphics, to be added to the Clark Collection in the University Art Museum	5,240.02**
37 *Mrs. James H. Clark 4606 St. Johns Drive Dallas, Texas 75205	College of Fine Arts Gift to the University Art Museum of two graphic works by Alan Reynolds	No value given**
38 *R. E. G. Davies Douglas Aircraft Company 3855 Lakewood Boulevard Long Beach, California 90801	Humanities Research Center Gift of numerous annual reports and miscellaneous brochures from various airlines and aviation corporations, to be added to the History of Aviation Collection	600.00**
39 W. Dickenson Douglas Aircraft Company 3855 Lakewood Boulevard Long Beach, California 90801	Humanities Research Center Gift of a collection of technical manuals and reports, and corre- spondence relating to the aviation industry, to be added to the History of Aviation Collection	1,350.00**
40 *Mrs. J. Frank Dobie 702 East 26th Street Austin, Texas 78705	Humanities Research Center Gift of letters, notes, and manuscripts of the work of J. Frank Dobie, to be added to the Dobie Collection	8,350.00**
41 *Robert Downing The Denver Post P. O. Box 1709 Denver, Colorado 80220	Humanities Research Center Gift of a collection of theatrical books for the Hoblitzelle Theatre Arts Library	709.75**

DONOR	PURPOSE AND CONDITIONS	AMOUNT
42 *Duncan Emrich 2126 Connecticut Avenue, N.W. Washington, D.C. 20008	Humanities Research Center Gift of World War II military orders, reports, miscellaneous papers, and photographs; and a publication on African miniature goldweights of the Ashanti	\$4,400.00**
43 Mrs. Ruth Stephan Franklin Stone Legend Khakum Wood Greenwich, Connecticut 06830	Humanities Research Center Gift of two paintings for the Iconography Collection: "Partitions of Life" by Theodoros Stamos, \$900 "Gray Wave" by Cuchiara, \$500	1,400.00**
44 *Adrian H. Goldstone 35 Lee Street Mill Valley, California 94941	Humanities Research Center Gift of a portfolio of drawings by Rockwell Kent, unrevised book proofs, book catalogs, and crime and detective books, including many first editions	3,850.00**
45 *William Goyen 277 West End Avenue New York, New York 10023	Humanities Research Center Gift of the Bible which was the property of Frieda Lawrence, to be added to the D. H. Lawrence Collection	1,500.00**
46 *Commander J. D. P. Hodapp, Jr. 1983 Jefferson Street San Francisco, California 94123	Humanities Research Center Gift of a collection of original maps drawn for the <u>Hornblower Companion</u> , to be added to the C. S. Forester Collection	185.00**
47 Alfred A. Knopf 201 East 50th Street New York, New York 10022	Humanities Research Center Gift of correspondence from Penn Publishing Company and the original manuscript and drafts of an article on H. L. Mencken written by Mr. Knopf, to be added to the Knopf Library Collection	1,250.00**
48 *Mrs. Mary Lasswell P. O. Box 2357 South Padre Island, Texas 78578	Humanities Research Center Gift of a collection of original manuscripts and galley proofs of some of Mrs. Lasswell's books; also, newspaper clippings, miscellaneous papers, and books	2,250.00**
49 *Mark T. Muller 4303 Woodway Drive Austin, Texas 78731	Humanities Research Center Gift of a large collection of cameras and photographic equipment, daguerreotypes and tintypes, books and manuals relating to photography, to be added to the Photography Collection	6,500.00**

DONOR	PURPOSE AND CONDITIONS	AMOUNT
50 * Henry Newell Carlton Tower, Apt. 606 470 Third Street South St. Petersburg, Florida	Humanities Research Center Gift of three bronze aviation medals of Charles Lindbergh, Lebrix and Costes, commemo- rating the New York to Paris flight, to be added to the History of Aviation Collection	\$ 600.00**

TRAVEL FOR FACULTY AND STAFF: The following trips are reported in accordance with Section 12 of the Budget Rules and Procedures for 1973-74 when expenses are paid from funds not specifically designated for travel; and in accordance with Section 13.38 of Chapter III of Part Two of the Rules and Regulations of the Board of Regents for the Government of The University of Texas when the absence is for a longer period than twenty-nine days.

1. William E. Peters, Training Specialist, Personnel Department, from November 13, 1973 through November 17, 1973, to Columbia, Missouri and Chicago, Illinois, to study the training program at the University of Missouri and attend the Management by Objectives Institute in Chicago. Expenses in the approximate amount of \$369.14 are to be paid from Training University Personnel Office funds.
2. Charles H. Burnette, Dean, School of Architecture, from November 16, 1973 through November 25, 1973, to Washington, D. C., to develop the program for the Associates of Collegiate Schools of Architecture teachers' seminar. Expenses in the approximate amount of \$198.56 are to be paid from School of Architecture Development Fund.
3. Charles H. Burnette, Dean, School of Architecture, November 28, 1973 only, to Houston, Texas to attend a meeting of the Deans of all Texas Schools of Architecture with the President of the Texas Society of Architects on coordinating Continuing Education Programs. Expenses in the approximate amount of \$50.00 are to be paid from School of Architecture Development Fund.
4. Charles H. Burnette, Dean, School of Architecture, December 18, 1973 only, to Houston Texas, to attend a meeting of Deans of all Texas Schools of Architecture with the President of the Texas Society of Architects on coordinating Continuing Education Programs. Expenses in the approximate amount of \$50.00 are to be paid from School of Architecture Development Fund.
5. Pliny Fisk, III, Assistant Professor in School of Architecture, from November 4, 1973 through November 9, 1973, to Gainesville, Florida, to take a minicourse at the University of Florida, on "Energy and Environment". Expenses in the approximate amount of \$393.00 are to be paid from School of Architecture Development Fund.
6. Rose Marie Cutting, Assistant Professor of English, from November 1, 1973 through November 3, 1973, to Fort Worth, Texas, to participate as a member of the Placement Committee of the Department of English in assisting graduate students find teaching positions. Expenses in the approximate amount of \$54.00 are to be paid from English Department Program Development funds.

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TRAVEL FOR FACULTY AND STAFF (Cont'd.):

7. Roland K. Huff, Instructor, Department of English, from November 2, 1973 through November 3, 1973, to Kilgore, Texas, to conduct a meeting of Junior College representatives to secure reaction to a proposed UT-Austin two-year college teacher training program. Expenses in the approximate amount of \$78.00 are to be paid from English Department Program Development funds.

8. Richard Valentine LeClercq, Assistant Professor of English, from December 26, 1973 through December 30, 1973, to Chicago, Illinois, to attend the annual meeting of the Modern Language Association and to assist the English Department Placement Committee in finding teaching positions for graduates. Expenses in the approximate amount of \$303.92 are to be paid from English Department Program Development funds.

9. John Karl Menzies, Humanities Research Associate II, Germanic Languages Department, from November 1, 1973 through November 3, 1973, to Fort Worth, Texas, to participate in and provide a Dimension booth at the SCMLA convention. Expenses in the approximate amount of \$71.00 are to be paid from V.Pres. and Dean, Graduate Studies Publications (Willson).

10. John William Velz, Professor of English, from December 26, 1973 through December 29, 1973, to Chicago, Illinois, to attend the annual meeting of the Modern Language Association and to assist the English Department Placement Committee in finding teaching positions for graduates. Expenses in the approximate amount of \$303.92 are to be paid from English Department Program Development funds.

11. Ralph W. Cain, Associate Professor of Mathematics Education, from October 31, 1973 through November 2, 1973, to Dayton, Ohio, to attend a conference on individualized instruction in secondary schools. Expenses in the approximate amount of \$273.55 are to be paid from College Wide Development Fund.

12. Ralph W. Cain, Associate Professor of Mathematics Education, from November 4, 1973 through November 9, 1973, to Dayton, Ohio, to attend a conference on individualized instruction in secondary schools. Expenses in the approximate amount of \$378.55 are to be paid from College Wide Development Fund.

13. Cecile Morette DeWitt, Professor of Astronomy, from June 13, 1974 through August 30, 1974, to Warwick, England and Tel Aviv, , to present a paper at the International Congress of Gravitation and Relativity and to attend the Warwick Symposium. Expenses in the approximate amount of \$250.00 are to be paid from Attendance at Professional Meetings funds.

14. Emmette S. Redford, Professor, LBJ School of Public Affairs, from November 2, 1973 through November 3, 1973, to Cambridge, Massachusetts, to conduct interviews related to recruitment of a Dean for the LBJ School of Public Affairs. Expenses in the approximate amount of \$316.00 are to be paid from Miscellaneous Administrative Expenses funds.

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TRAVEL FOR FACULTY AND STAFF (Cont'd.):

15. William F. Rentz, Assistant Professor of Finance, College of Business Administration, from July 10, 1973 through August 29, 1973, to San Francisco, California, to attend Summer Program in Economics, Institute for Mathematics in the Social Sciences at Stanford University. Expenses in the approximate amount of \$100 are to be paid from Texas Savings and Loan League funds.

16. Carey F. Behrends, Technical Staff Assistant IV, Texas Memorial Museum, from March 10, 1974 through March 16, 1974, to Toronto, Ontario, Canada, to attend an archeological conservation workshop sponsored by the American Association of Museums. Expenses in the approximate amount of \$485.00 are to be paid from MO&E, Texas Memorial Museum funds.

USE OF TEXTBOOKS WRITTEN BY FACULTY: In accordance with Chapter III, Section 24 of Part One of the Regents' Rules and Regulations for the Government of The University of Texas, I recommend approval of the following faculty authored books as textbooks for the 1973-74 fiscal year.

*Indicates that these books have not been previously used at the University.

<u>Title</u>	<u>Author</u>	<u>Cost to Student</u>	<u>Royalty per volume per author</u>
*History of the Near East Vol. III	George Arnakis	\$12 .50	\$ None
Child Language: A Book of Readings	Aaron Bar-Adon & Werner F. Leopold	11 .95	.60
Red Guard: The Political Biography of Dai Siao-ai	Gordon Bennett and Ronald Montaperto	1 .95	.10
The Politics of Iran: Groups, Classes and Modernization	James A. Bill	3 .95	.25
*Causes and Consequences of World War II	Robert A. Divine	2 .95	.21
The Urban Scene	Joe R. Feagin	3 .95	.40
The Southwest Pacific to 1900, Vol. 1 and The Southwest Pacific since 1900, Vol. 2	C. Hartley Grattan	7.50 (Vol. 1) 10.00 (Vol. 2)	.75 1.00

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USE OF TEXTBOOKS WRITTEN BY FACULTY (Cont'd.):

<u>Title</u>	<u>Author</u>	<u>Cost to Student</u>	<u>Royalty per volume per author</u>
Introduction to Phonological Theory	Robert T. Harms	\$ 3.95	\$.59
Historical Linguistics, 2nd Edition	Winfred P. Lehmann	9.95	1.19
The Origins of the Second World War	William Roger Louis	2.95	none
*Public Opinion and the Military Establishment	Charles C. Moskos, Jr.	4.95	.03
*Politics at the Street Level	<u>David Perry</u> and Paula Sornoff	3.00	-0-
*Professionals in Public Service	Richard L. Schott	2.50	none
Communist Penetration of the Third World	Edward Taborsky	12.50	.125
Tornado: A Community Responds to Disaster	James B. Taylor and <u>Zurcher</u> & Key	1.75	1-1/2¢
Quantitative Chemical Analysis, 2nd edition	Gilbert H. Ayres	13.95	2.092
Chemical Equilibrium	Allen J. Bard	3.75	.30
Textbook of Cytogenetics	Walter V. Brown	14.00	1.05
*Laboratory Manual for Human Physiology	Michael E. Egan and J. P. McMillan	3.95	.20
Rates and Mechanisms of Chemical Reactions	William C. Gardiner	4.95	.50
Vector Spaces and Algebras for Chemistry and Physics	Frederick A. Matsen	11.80	2.12
Physical Chemistry Laboratory Manual: Part I	John M. White	6.00	.75
Physical Chemistry Laboratory Manual: Part II	John M. White	6.00	.75

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USE OF TEXTBOOKS WRITTEN BY FACULTY (Cont'd.):

<u>Title</u>	<u>Author</u>	<u>Cost to Student</u>	<u>Royalty per volume per author</u>
*Federal Taxes and Management Decisions	Ray M. Sommerfeld	\$ 10.00 (Approx.)	\$ 15% (Approx.)
*Choral Techniques	Gordon H. Lamb	8.95 (Est.)	1.34 (Est.)

GRADUATE FACULTY MEMBERSHIP: I recommend approval of the appointment of the following to membership in the Graduate Faculty, all of whom have been nominated by their graduate studies committees and the names submitted by Dr. Gardner Lindzey, Vice President and Dean of Graduate Studies.

COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES

Department of History

Associate Professor Gwyn Morgan

Department of Psychology

Associate Professor Robert Wicklund

SCHOOL OF COMMUNICATION

Department of Radio-Television-Film

Associate Professor Robert Dale Brooks

COLLEGE OF EDUCATION

Department of Educational Psychology

Associate Professor June Gallessich
Associate Professor Frank W. Wicker

COLLEGE OF FINE ARTS

Department of Art

Professor Paul Peter Hatgil

Department of Music

Professor Betty Mae Kanable

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FACULTY LEGISLATION: The following legislation has been passed by the University Council and/or General Faculty. I recommend approval.

1. The University Council, on November 9, 1973, approved by the circularization procedure proposed changes for the College of Fine Arts Catalogue requirements for the Degree of Bachelor of Fine Arts, Plan III C, in Drama Education, Catalogue Number: Part X, 7311, 1973-75 (D&P 5608). These changes are effective for fall registration 1975.

PROPOSED CHANGES FOR COLLEGE OF FINE ARTS
CATALOGUE NUMBER: PART X, 7311, 1973-75

Department of Drama

Requirements for the Degree of Bachelor of Fine Arts
Plan IIIC, for Students Majoring in Drama Education

- p. 32 Sixty-one (~~Fifty-eight to sixty-three~~) semester hours in academic foundations, including English 301 and 305; Art 305; Music 302L; Government 610; six semester hours of American history, including History 315K and 315L; (~~Psychology-301~~) at least twelve semester hours in two of the following areas: (a) Six or eight semester hours in a foreign language (for which entrance credits from high school were not presented) or six semester hours of foreign language beyond Course 407, (b) three or more semester hours of mathematics, (c) six semester hours in biology, chemistry, physics, or geology; nineteen semester hours of drama including Drama 202K, 202L, 203, 203K, 605, 307, 207K; six semester hours of elective courses.

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GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL)

1. Supplement (dated 22 March 1973) to Grant IC-93A, by which the American Cancer Society, Inc., New York, provides \$4,000 additional funds for the current grant period January 1, 1973 through December 31, 1973. The research entitled, "A Comparative Immunological and Structural Study of Bacterial Asparaginases," continues under the direction of Dr. G. Barrie Kitto, Associate Professor of Chemistry.
2. Amendment No. 5 to APL/JHU Contract No. 372041, by which The Johns Hopkins University, Applied Physics Laboratory, Silver Spring, Maryland, provides for discontinuance of one (Palmer Station) of three satellite tracking stations operated by ARL in the Antarctic and deletes reference to funding obligation limit. Since close-down of this station coincides with the current completion date (31 January 1974) current funding is not affected. Performance continues by Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
3. Modification No. 25, Supplemental Agreement to Contract No. 952490, by which Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California, extends the period of the contract through November 30, 1973, without additional funds. The Mariner Mars '71 Mission TV Experiment continues under the direction of Dr. G. DeVaucouleurs, Professor of Astronomy.
4. Purchase Order HS 520, by which Dames & Moore, Houston, Texas, provides \$4,850 for support of archeological and historical resource inventory and evaluation of alternate site I, San Patricio County, Texas, for a period of six-weeks following date of notice to proceed. The investigations will be under the direction of David S. Dibble, Acting Director, Texas Archeological Survey.
5. Grant (letter dated 5 September 1973) by which International Research and Exchanges Board, New York, New York, provides \$3,125 as stipend for Mr. Istvan Lakatos, a scholar from Hungary, who will be studying at The University of Texas at Austin for five-months beginning September 15, 1973, under the IREX Exchange Program with Eastern Europe. The scholarship program will be under the direction of Dr. Kenneth E. Gray, Halliburton Annual Professor of Petroleum Engineering, and Dr. Joe W. Neal, Director, International Office.
6. Subcontract Agreement between NUS Corporation, Sherman Oaks, California, and The University of Texas at Austin, by which NUS provides \$13,086.14 for support of a survey of the archeological and historical resources of areas to be affected by the South Texas Project power plant site. The contract is effective for the period September 5, 1973 through September 4, 1974, and the services will be rendered by Texas Archeological Survey under the direction of David S. Dibble, Acting Director.
7. Grant (letter dated November 12, 1973) by which Pan American Health Organization, Washington, D. C., provides \$5,000 for support of a research project entitled, "Experimental-Taxonomic Studies of Certain Hyphomycetes Pathogenic to Man." The grant is effective for the period January 1, 1974 through December 31, 1974, and the research will be under the direction of Dr. Garry T. Cole, Assistant Professor of Botany.

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(Continued)

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL)

8. Grant No. 7012, by which the Research Corporation, New York, New York, provides \$5,000 for support of a research project entitled, "The Synthesis and Chemistry of Heteroazetines." The grant is effective for the period June 1, 1974 through May 31, 1975, and the research will be under the direction of Dr. E. P. Kyba, Assistant Professor of Chemistry.
9. Grant No. 7093, by which the Research Corporation, New York, New York, provides \$11,075 for support of a research project entitled, "Millimeter Wave Spectroscopy of Ions." The grant is effective for the period September 1, 1973 through August 31, 1974, and the research will be under the direction of Dr. Herbert M. Pickett, Assistant Professor of Chemistry.
10. Renewal Agreement between the World Health Organization, Geneva, Switzerland, and The University of Texas at Austin, by which WHO provides an additional \$2,500 for continuation of an International Reference Centre for Serum Protein Groups in the Department of Zoology. The program continues under the direction of Dr. H. Eldon Sutton, Professor of Zoology.
11. Contract between The University of Texas at Austin (LBJ School of Public Affairs) and the Houston-Galveston Area Council, signed by Vice President James H. Colvin, whereby the University agrees to perform technical or professional services in connection with the project under Integrated Grant Contract No. CPA-TX-06-16-1000 summarized under three major headings as follows: (1) Recasting Current Major Planning Programs into a three-year Over-all Program Design; (2) Preparing a Complete Multi-year Over-all Program Design through Fiscal Year 1976; and (3) Evaluating the Strengths and Weaknesses of the Format Used and Making Recommendations for Improvement. The Contract period is from September 18, 1973 through December 18, 1973. Total amount of the contract is not to exceed \$2,000.00.
12. Contract between The University of Texas at Austin (Computer-Assisted Instruction Laboratory) and the University Stores, Incorporated, signed by Vice President James H. Colvin, whereby the University has the right to publish and sell the manuscript containing five (5) short modules written by the staff of the Computer-Assisted Instruction Laboratory to the University Stores, Incorporated. The contract became effective on September 24, 1973. The University Stores, Incorporated agrees to pay the Computer-Assisted Instruction Laboratory a royalty equal to ten per cent (10%) of the total sales price produced from all copies sold in excess of five hundred (500) copies in a given year.

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GRANTS, CONTRACTS, AND AGREEMENTS (STATE):

1. Interagency Cooperation Contract No. IAC (72-73)-1257, Amendment No. 2, between The University of Texas at Austin (College of Education-Office of School Surveys-Special Education Component) and the Texas Education Agency, signed by Vice President James H. Colvin, for the purpose of increasing the total amount from \$126,075.00 to \$141,998.00. This Amendment became effective November 6, 1973. All other terms and conditions not hereby amended are to remain in full force and effect.
2. Interagency Cooperation Contract No. IAC (74-75)-0337, Amendment No. 1, between The University of Texas at Austin (Balcones Research Center) and the Texas Water Development Board, signed by Vice President James H. Colvin, to correct typographical error in the original contract amount from \$6,084.00 to \$6,804.00. This Amendment became effective November 12, 1973. All other terms and conditions not hereby amended are to remain in full force and effect.
3. Interagency Cooperation Contract No. IAC (74-75)-0475, between The University of Texas at Austin (Thompson Conference Center) and the Texas Board of Architectural Examiners, signed by Vice President James H. Colvin, whereby the Texas Board of Architectural Examiners request use of Rooms 3-102, 3-110, 3-122, 2102, and the Dining Room of the Thompson Conference Center for December 5 and 6, 1973. The contract period is from October 30, 1973 through December 6, 1973. Total amount of the contract is not to exceed \$240.00.
4. Interagency Cooperation Contract No. IAC (74-75)-0477, between The University of Texas at Austin (LBJ School of Public Affairs) and the Texas Air Control Board, signed by Vice President James H. Colvin, whereby the University agrees to supply seven copies of "Guide of State Agencies in Texas" with chart of Texas Government Organization enclosed. The contract period is from October 25, 1973 until payment of purchase, no later than August 31, 1974. Total amount of the contract is not to exceed \$70.00.
5. Interagency Cooperation Contract No. IAC (74-75)-0478, between The University of Texas at Austin (Bureau of Business Research) and the Texas Air Control Board, signed by Vice President James H. Colvin, whereby the University agrees to furnish twenty sets of "Directory of Texas Manufacturers, 1973-Volumes I and II". The contract period is from October 25, 1973 through payment of purchase, no later than August 31, 1974. Total amount of the contract is not to exceed \$450.00.
6. Interagency Cooperation Contract No. IAC(74-75)-0481, between The University of Texas at Austin (Computation Center) and the Texas Aeronautics Commission, signed by Vice President James H. Colvin, whereby the University agrees to furnish services of its Computation Center 6400/6600 computer system on available time basis. The contract period is from October 20, 1973 through December 31, 1973. Total amount of the contract is not to exceed \$150.00

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GRANTS, CONTRACTS, AND AGREEMENTS (STATE) (Cont'd.):

7. Interagency Cooperation Contract No. IAC (74-75)-0482, between The University of Texas at Austin (The Library) and the Legislative Reference Library, signed by Vice President James H. Colvin, whereby the University agrees to furnish photocopying of various theses and publications owned by the Library of The University of Texas at Austin, and unavailable through any other source. The contract period is from October 20, 1973 through the completion of photocopying. The total amount of the contract is not to exceed \$250.00.

8. Interagency Cooperation Contract No. IAC (74-75)-0496, between The University of Texas at Austin (LBJ School of Public Affairs) and the Texas Highway Department, signed by Vice President James H. Colvin, whereby the Texas Highway Department shall provide map reproduction services to the University and in connection therewith shall furnish all equipment, material, personnel, and supervision required in furnishing 60 sets of blue-line prints of 4 natural area surveys in the State of Texas. The contract period is from November 8, 1973 through December 31, 1973. Total amount of the contract is not to exceed \$564.36.

9. Interagency Cooperation Contract No. IAC (74-75)-0500, between The University of Texas at Austin (Department of Computer Sciences) and the Texas Highway Department, signed by Vice President James H. Colvin, whereby the University agrees to conduct a two day employee training seminar on November 12 and 13, 1973, to be attended by Texas Highway Department employees Mr. G. C. Casseles and Mr. A. H. Kosik. The contract period is from November 12, 1973 through August 31, 1974. Total amount of the contract is not to exceed \$70.00

10. Interagency Cooperation Contract No. IAC (74-75)-0505, between The University of Texas at Austin (Joe C. Thompson Conference Center) and the State of Texas, Criminal Justice Council, signed by Vice President James H. Colvin, whereby the University will provide one large room (3-102) for a two-day "Procurement and Contract Review" seminar on November 19-20, 1973. The contract period is from November 19, 1973 through August 31, 1974. Total amount of the contract is not to exceed \$80.00.

11. Interagency Cooperation Contract No. IAC (74-75)-0506, between The University of Texas at Austin (Graduate School of Social Work) and the Governor's Committee on Aging, signed by Vice President James H. Colvin, whereby the University will provide (1) University employees working with the Governor's staff of the Committee on Aging and the University faculty to provide coordination, (2) the University faculty and staff as consulting, technical assistance, and training resources, and (3) University personnel to travel and collect data as agreed upon. The contract period is from September 1, 1973 through August 31, 1974. Total amount of the contract shall not exceed \$22,125.00.

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

1. Modification AFOSR-71-1973E to Grant AFOSR-71-1973, by which the United States Air Force, Air Force Office of Scientific Research, Arlington, Virginia, provides \$41,496 additional funds (Travis County) and extends the grant for the period January 1, 1974, through December 31, 1974. The research entitled, "Calculations of Surface Properties of Solids," continues under the direction of Dr. F. W. DeWette, Professor of Physics.
2. Modification AFOSR-71-1998E to Grant AFOSR-71-1998, by which the United States Air Force, Air Force Office of Scientific Research, Arlington, Virginia, provides \$39,858 additional funds (Travis County) and extends the grant for the period December 1, 1973, through November 30, 1974. The research entitled, "Aeroelastic Stability of Thin Shell Structures at Subsonic Mach Numbers and the Active Suppression of Flutter Phenomena," continues under the direction of Dr. Ronald O. Stearman, Professor of Aerospace Engineering and Engineering Mechanics.
3. Modification AFOSR 72-2158D to Grant AFOSR 72-2158, by which the U. S. Air Force, Air Force Office of Scientific Research, Arlington, Virginia, adds certain items to the existing list of equipment under the grant. The research entitled, "Electron Interactions with Highly Ionized Oxygen," continues under the direction of Dr. C. Fred Moore, Professor of Physics.
4. Grant AFOSR 74-2623, by which the United States Air Force, Air Force Office of Scientific Research, Arlington, Virginia, provides \$4,800 (Travis County) for partial support of a Symposium on Finite Element Methods in Flow Problems. The grant is effective for the period October 1, 1973 through June 30, 1974, and the symposium will be under the direction of Dr. J. T. Oden, Professor of Aerospace Engineering and Engineering Mechanics.
5. Modification P00002 to Contract F33615-72-C-1851, by which the United States Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, makes applicable Revised DD Form 254 dated 9 October 1973 and updates administrative information. The research entitled, "Forward Looking Infrared (FLIR) Comparison Evaluation," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
6. Contract F30602-74-C-0028, by which the U. S. Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, provides \$99,784 (Travis County) for support of research entitled, "Development of a German to English Fully Automatic Quality Translation System." The contract is effective for the period July 6, 1973, through June 29, 1974, and the research will be under the direction of Dr. W. P. Lehmann, Ashbel Smith Professor of Linguistics and of Germanic Languages.
7. Contract F33615-74-C-1039, by which the U. S. Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, provides \$299,889 (Travis County) as total estimated cost for support of research entitled, "Fire Control System Analysis." The contract is effective November 1, 1973 through August 31, 1976, but an anticipatory clause allows charges to begin September 1, 1973. There is \$100,000 currently funded through June 30, 1974, against the total award, and performance under the contract will be in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL) - Continued:

8. Modification P00001, Supplemental Agreement to Contract DAAD05-73-C-0562, by which the United States Army, Army Aberdeen Proving Ground, Maryland, extends the contract for the period December 26, 1973 through February 28, 1974, without additional funds. The research entitled, "Underwater Target Detector," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
9. Grant DAHC04-74-G-0058, by which the United States Army, Army Research Office, Durham, North Carolina, provides \$7,920 (Travis County) for support of research entitled, "Mechanisms of Radiation Sterilization of Bacterial Spores." The grant is effective for the period November 1, 1973 through October 31, 1974, and the research will be under the direction of Dr. Michael Simic, Research Scientist V, Radiation Biology Laboratory, and Dr. E. L. Powers, Professor of Zoology.
10. Modification P00001, Supplemental Agreement to Contract DAAD05-73-C-0024, by which the United States Army, Aberdeen Proving Ground, Maryland, extends the contract through October 20, 1973, without additional funds. Research entitled, "Response of Beams, Plates and Shells to Impact Loading," continues under the direction of Dr. Harry H. Calvit, Associate Professor of Aerospace Engineering and Engineering Mechanics.
11. Modification P00012, Supplemental Agreement to Basic Contract N00014-67-A-0126, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, further modifies the contract by providing for current departmental requirements in the General Provisions (A-October 1972) now incorporated into the contract between the Navy and The University of Texas at Austin.
12. Modification No. 08 to Contract N00014-67-A-0126-0004, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, provides \$20,000 (Travis County) additional funds and extends the contract for the period October 1, 1973 through September 30, 1974. The research entitled, "The Development and Testing of an Audio Frequency Magnetotelluric System with Applications to the Llano Uplift Region," continues under the direction of Dr. H. W. Smith, Professor of Electrical Engineering, and Dr. F. X. Bostick, Jr., Professor of Electrical Engineering.
13. Modification No. 03, Supplemental Agreement to Contract N00014-67-A-0126-0015, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, provides \$13,955 additional funds (Travis County) and extends the contract for the period October 1, 1973 through August 31, 1974. The research entitled, "Numerical Analysis and Optimization," continues under the direction of Dr. James W. Daniel, Associate Professor of Computer Sciences and of Mathematics.
14. Modification P00010, Supplemental Agreement to Basic Contract N00014-70-A-0166, which restates the travel provisions to conform with approved University travel regulations. The basic contract between UT-Austin and the Department of the Navy, Office of Naval Research, became effective December 1, 1969 and remains in effect until superseded or terminated. All active contracts under the basic currently are being performed in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.

THE UNIVERSITY OF TEXAS AT AUSTIN

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL) - Continued:

15. Modification No. 03 to Contract N00014-70-A-0166-0007, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, extends the contract for the period October 1, 1973 through March 31, 1974, provides \$26,000 additional funds (Travis County) and increases the total estimated cost of the contract to \$91,000. The research entitled, "Inshore Underwater Acoustics," will be performed in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.

16. Contract N00014-70-A-0166-0019, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, provides \$35,900 (Travis County) for support of research entitled, "LRAPP Data Analysis." The contract is effective for the period September 1, 1973 through December 31, 1973, and research performance will be in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.

17. Contract N00017-74-C-1409, by which the Department of the Navy, Naval Ordnance Systems Command, Washington, D. C., provides \$400,000 (Travis County) for support of research entitled, "Evaluation of Counter Countermeasures Systems and Techniques." The cost no fee contract is effective for the period October 16, 1973, through October 15, 1974, and the research will be performed in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.

18. Blanket Modification by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., deletes from the following contracts the existing ASPR Clause entitled, "Insurance-Liability to Third Persons," and in lieu thereof incorporates a clause appropriate to The University of Texas at Austin:

N00024-70-C-1089	P00009
N00024-70-C-1395	P00009
N00024-72-C-1127	P00009
N00024-72-C-1380	P00006
N00024-73-C-1053	P00003
N00024-73-C-1067	P00001
N00024-73-C-1068	P00001
N00024-73-C-1070	P00003
N00024-73-C-1123	P00001
N00024-73-C-1127	P00010
N00024-73-C-1135	P00002
N00024-73-C-1196	P00001
N00024-74-C-1069	P00001
N00024-73-C-1117	P00001

19. Modification P00002 to Contract N00024-73-C-1065, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., provides a no-cost extension through March 31, 1974, without otherwise changing the contract. The research entitled, "Engineering Support AN/BQN-17 Sonar," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.

20. Contract N00024-74-C-1069, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., provides \$3,166,000 (Travis County) for support of research entitled, "Mobile Sonar Technologies Development." The contract is effective September 27, 1973 through March 26, 1975, with anticipatory costs allowable beginning August 15, 1973 and incremental funds of \$1,365,260. The research will be performed in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.

THE UNIVERSITY OF TEXAS AT AUSTIN

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL) - Continued:

21. Modification P00001, Supplemental Agreement to Contract N00123-73-C-2140, by which the Department of the Navy, Naval Procurement Office, Los Angeles, California, revises Section H - Delivery and Performance section of the contract without otherwise changing it. The research entitled, "Design and Fabrication of a Vehicle Search Sonar," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
22. Contract N00178-74-C-0136, by which the Department of the Navy, Naval Weapons Laboratory, Dahlgren, Virginia, provides \$20,845 (Travis County) for support of research entitled, "Interactive Graphics for the TEGAS 3 System." The contract is effective for the period September 24, 1973 through September 23, 1974, and the research will be under the direction of Dr. S. A. Szygenda, Professor of Electrical Engineering.
23. Modification P00007, Supplemental Agreement to Contract N60921-73-C-0107, by which the Department of the Navy, U. S. Naval Ordnance Laboratory, White Oak, Silver Spring, Maryland, provides \$200,000 additional funds (Travis County) and increases the total estimated cost of the contract to \$750,000. Performance under the contract is extended from November 8, 1973 through March 8, 1974, and the research and development of acoustic mine mechanisms continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
24. Modification No. 5, Supplemental Agreement to Contract AT-(40-1)-3992, by which the U. S. Atomic Energy Commission, Oak Ridge Operations, Oak Ridge, Tennessee, provides \$135,000 additional funds (Travis County) and extends the contract for the period September 1, 1973 through August 31, 1974. The research in elementary particle theory continues under the direction of Dr. E. C. G. Sudarshan, Professor of Physics, and Dr. Uyval Ne'emman, Professor of Physics.
25. Modification No. 4 to Contract AT-(40-1)-4023, by which the U. S. Atomic Energy Commission, Oak Ridge Operations, Oak Ridge, Tennessee, provides \$30,000 additional funds (Travis County) and extends the contract for the period July 1, 1973 through June 30, 1974. The research entitled, "Studies of Drosophila Dispersal and Migration by Neutron Activation and Genetic Techniques," continues under the direction of Dr. R. H. Richardson, Associate Professor of Zoology.
26. Modification No. 10 to Contract AT-(40-1)-3408, by which the United States Atomic Energy Commission, Oak Ridge, Tennessee, provides \$33,000 additional funds (Travis County) and extends the contract for the period August 15, 1973 through August 14, 1974. The research entitled, "Physico-Chemical Studies of Radiation Effects in Cells," continues under the direction of Dr. E. L. Powers, Professor of Zoology.
27. Amendment No. 2 to Cooperative Agreement "License to Use Personal Property" dated September 13, 1971, between The University of Texas at Austin and National Aeronautics and Space Administration, George C. Marshall Space Flight Center, Marshall Space Flight Center, Alabama, by which the loan of equipment under the original agreement is extended through March 13, 1974. Use of the loan equipment continues in the Electrical Engineering Research Laboratory under the direction of Dr. H. W. Smith, Director, and Dr. J. R. Cogdell, Associate Professor of Electrical Engineering.

THE UNIVERSITY OF TEXAS AT AUSTIN

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL) - Continued:

28. Modification No. 3, Supplemental Agreement to Contract NAS8-27931, by which National Aeronautics and Space Administration, George C. Marshall Space Flight Center, Alabama, incorporates into the contract final overhead rates of 46% of salaries and wages for the fiscal years ended August 31, 1972 and August 31, 1973. The research entitled, "A Study of Runge-Kutta-Nystrom Formulas," was conducted under the direction of Dr. Byron D. Tapley, Professor of Aerospace Engineering and Engineering Mechanics, and Dr. Dale G. Bettis, Assistant Professor of Aerospace Engineering and Engineering Mechanics.

29. Supplement No. 2S to Contract NAS 9-13312, by which the National Aeronautics and Space Administration, Houston, Texas, makes certain changes in report requirements under the contract. The research entitled, "Stream Network Analysis from Orbital and Suborbital Remote Sensing Imagery, Guadalupe River Basin, Texas," continues under the direction of Dr. Robert K. Holz, Professor of Geography.

30. Grant NGR 44-012-263, by which National Aeronautics and Space Administration, Washington, D. C., provides \$1,470 (Travis County) for support of research entitled, "Investigations of Diffraction Limited Camera for the Large Space Telescope." The grant is effective for the period October 22, 1973 through December 31, 1973, and the research will be under the direction of Dr. R. P. Angel, Visiting Professor of Astronomy.

31. Grant NGR 44-012-282, by which National Aeronautics and Space Administration, Washington, D. C., provides \$38,340 (Travis County) for support of research entitled, "Outer Planet Satellite Studies." The grant is effective for the period September 1, 1973, through August 31, 1974, and the research will be under the direction of Dr. J. Derral Mulholland, Research Scientist, Department of Astronomy (McDonald Observatory).

32. Cooperative Agreement between the University and the U. S. Department of Agriculture, Soil Conservation Service, Temple, Texas, provides \$1,944.17 (Travis County) for support of an archeological survey for the Leona River Watershed, Uvalde County, Texas. The agreement is effective for the period November 1, 1973 through November 30, 1973, and the project will be under the direction of David S. Dibble, Acting Director, Texas Archeological Survey.

33. Revision No. 2 to Grant OEG-0-72-4928, by which the Department of Health, Education, and Welfare, Office of Education, Washington, D. C., provides \$40,000 (Travis County) for continuing support of Right to Read Community-Based Center under the Adult Basic Education Act, for the period September 1, 1973 through August 31, 1974. Phase I of the Program was under the direction of Dr. William E. Barron, Professor of Educational Administration, and Phase II Implementation will be under the direction of Dr. Charles R. Kelso, Director of the Industrial and Business Training Bureau.

34. Contract CX700040141, by which the U. S. Department of the Interior, National Park Service, Santa Fe, New Mexico, provides \$9,178.97 (Travis County) for support of research entitled, "IBWC, Presidio-Ojinaga International Flood Control Project and International Channel Relocating Project, Rio Grande River, Texas." The contract is effective for the period November 13, 1973 through July 31, 1974, and the project will be under the direction of David S. Dibble, Acting Director, Texas Archeological Survey.

THE UNIVERSITY OF TEXAS AT AUSTIN

February 1, 1974

GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL) - Continued:

35. Grant CA12851-03, by which the Department of Health, Education, and Welfare, Public Health Service, National Cancer Institute, Bethesda, Maryland, provides \$23,352 (Travis County) for support of research entitled, "Embryonic and Virally Induced Tumor Cell Membrane Antigens," for the period December 1, 1973 through November 30, 1974. The total project period is December 1, 1971, through November 30, 1974. The research continues under the direction of Dr. Bob G. Sanders, Professor of Zoology.
36. Grant HD 03803-06, by which the Department of Health, Education, and Welfare, Public Health Service, National Institute of Child Health and Human Development, Bethesda, Maryland, provides \$750,660 (Travis County) for support of research entitled, "Control Mechanisms in Reproduction and Development," for the period November 1, 1973 through October 31, 1974. The total project period is November 1, 1971 through October 31, 1974, and the research continues under the direction of Dr. Antone G. Jacobsen, Professor of Zoology.
37. Grant MH 24280-01S1, by which the Department of Health, Education, and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, provides \$50,230 (Travis County) for support of research entitled, "Intelligence and Personality: An Adoption Study," for the period November 1, 1973 through May 31, 1974. The total project period is June 1, 1973 through May 31, 1976, and the research will be under the direction of Dr. Joseph M. Horn, Assistant Professor of Psychology.
38. Modification No. 4 to Contract N01-ES-0-2288, by which the Department of Health, Education, and Welfare, National Institutes of Health, Research Contracts Branch, Bethesda, Maryland, provides \$5,000 additional funds (Travis County) and extends the contract for the period September 22, 1973 through December 21, 1973. The research entitled, "Detection of Human Somatic Mutations," continues under the direction of Dr. H. Eldon Sutton, Professor of Zoology.
39. Grant K03 GM21252-08, Development Award-- Research Career Program, by which the Department of Health, Education, and Welfare, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, provides \$28,084 for support of research entitled, "Immunochemical Properties of a New Serum Factor," for the period January 1, 1974 through December 31, 1974. The research will be under the direction of Dr. L. Joe Berry, Professor of Microbiology, and Dr. William J. Mandy, Professor of Microbiology.
40. Revised Grant T01 MH08293-11, by which the Department of Health, Education, and Welfare, Behavioral Sciences Training Branch, National Institute of Mental Health, Bethesda, Maryland, extends the training grant program for two additional years through June 30, 1977 and adjusts the estimated amounts for future years on the basis of information submitted on the data sheet. The revised total grant period is July 1, 1970 through June 30, 1977, and the program entitled, "Applied Psychology-Other Than Clinical," continues under the direction of Dr. Beeman N. Phillips, Professor of Educational Psychology.
41. Grant GA-40809, by which National Science Foundation, Washington, D. C., provides \$47,700 (Travis County) for support of research entitled, "Geology, Geochemistry, and Geochronology of Tertiary Volcanic Rocks of Western Mexico." The grant is effective for the period October 15, 1973 through March 31, 1976, and the research will be under the direction of Dr. Fred W. McDowell, Research Scientist Associate IV, and Dr. Stephen E. Clabaugh, Professor of Geological Sciences.

THE UNIVERSITY OF TEXAS AT AUSTIN

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL) - Continued:

42. Grant GA-40852, by which National Science Foundation, Washington, D. C., provides \$25,000 (Travis County) for support of research entitled, "Composition and Origin of Tektites." The grant is effective for the period November 1, 1973 through April 30, 1975, and the research will be under the direction of Dr. Virgil E. Barnes, Professor of Geological Sciences.
43. Grant GA-40862, by which National Science Foundation, Washington, D. C., provides \$48,400 (Travis County) for support of research entitled, "Origin of Bedded Chert: Italy and Southern Alps." The grant is effective for the period February 1, 1974 through July 31, 1976, and the research will be under the direction of Dr. Robert L. Folk, Professor of Geological Sciences, and Dr. E. F. McBride, Professor of Geological Sciences.
44. Grant GB-40699, by which National Science Foundation, Washington, D. C., provides \$24,700 (Travis County) for support of research entitled, "Primary Production, Consumers, and Functional Groups of Ecosystems." The grant is effective for the period October 1, 1973 through March 31, 1975, and the research will be under the direction of Dr. W. Frank Blair, Professor of Zoology.
45. Amendment No. 1 to Grant GB-36103X, by which National Science Foundation, Washington, D. C., provides \$26,400 additional funds (Travis County) and extends the grant for the period October 15, 1973 through March 31, 1975. The research entitled, "Effects of Environmental Heterogeneity on Modes of Adaptation in *Drosophila*," continues under the direction of Dr. R. H. Richardson, Associate Professor of Zoology.
46. Amendment No. 1 to Grant GP-25901, by which National Science Foundation, Washington, D. C., provides \$35,000 additional funds (Travis County) and extends the grant for the period May 1, 1973, through April 30, 1975. The research entitled, "Photometry of Rapid Variable Stars," continues under the direction of Dr. R. Edward Nather, Associate Professor of Astronomy.
47. Amendment No. 1 to Grant GP-27347, by which the National Science Foundation, Washington, D. C., extends the grant through August 31, 1974, without additional funds. The research entitled, "Analytical Chemistry of the Platinum Elements," continues under the direction of Dr. Gilbert H. Ayres, Professor of Chemistry.
48. Grant GP-40874, by which National Science Foundation, Washington, D. C., provides \$16,500 (Travis County) for support of research entitled, "Redshift Measurements of Elliptical Galaxies in Complete Samples and Analysis of These Samples." The grant is effective for the period November 1, 1973 through April 30, 1975, and the research will be under the direction of Dr. Marie-Helene Ulrich, Research Scientist Associate V, Department of Astronomy.
49. Amendment No. 4 to Grant GP-13373X, by which National Science Foundation, Washington, D. C., provides \$32,100 additional funds (Travis County) and extends the grant for the period October 1, 1973 through March 31, 1975. The research entitled, "Some Aspects of Organometallic Chemistry," continues under the direction of Dr. Rowland Pettit, Professor of Chemistry.

THE UNIVERSITY OF TEXAS AT AUSTIN

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL) - Continued:

50. Amendment No. 2 to Grant GP-31414X, by which National Science Foundation, Washington, D. C., provides \$35,500 additional funds (Travis County) and extends the grant for the period January 1, 1974 through June 30, 1975. The research entitled, "Mechanisms of Organic Electrode Reactions," continues under the direction of Dr. Allen J. Bard, Professor of Chemistry.
51. Amendment No. 1 to Grant GW-8137, by which National Science Foundation, Washington, D. C., extends the grant through November 30, 1973, without additional funds. The Student Science Training Program (Pre-College) continues under the direction of Dr. Irwin Spear, Professor of Botany.
52. Modification No. 2 to Grant GP-34639X, by which National Science Foundation, Washington, D.C., provides \$10,400 additional funds (Travis County) for the current grant period June 1, 1973, through November 30, 1974. The research entitled, "Relativity and Gravitational Theories," continues under the direction of Dr. Alfred Schild, Ashbel Smith Professor of Physics; Dr. Lawrence C. Shepley, Associate Professor of Physics; and Dr. Richard A. Matzner, Assistant Professor of Physics.
53. Grant GK-41012, by which National Science Foundation, Washington, D. C., provides \$44,200 (Travis County) for support of research entitled, "Experimental Investigation of Vortex Dynamics." The grant is effective for the period December 1, 1973 through May 31, 1975, and the research will be under the direction of Dr. William L. Oberkampf, Assistant Professor of Mechanical Engineering, and Dr. Ronald L. Panton, Associate Professor of Mechanical Engineering.

THE UNIVERSITY OF TEXAS AT AUSTIN
AMENDMENTS TO THE 1972-73 and 1973-74 OPERATING BUDGETS
BOARD OF REGENTS MEETING - FEBRUARY 1, 1974

The term "rate" for academic personnel is the full-time nine-month base rate; for classified personnel it is the full-time twelve-month rate, the appointee receiving a proportionate amount depending upon the fraction of time for which he is appointed and the period of his appointment. Source of funds for payment of salaries, unless otherwise shown, is the departmental salaries account.

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary No. Mos.	Rate
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GENERAL ADMINISTRATION AND STUDENT SERVICES

Office of the Vice President for Student Affairs

Interdepartmental Transfer

1. Amount of Transfer - \$394

To: Office of the Vice President for Student Affairs - Classified Personnel

From: Orientation Program

To provide salary funds needed for technical assistance in the Orientation program and for work with multimedia programs.
(RBC# 1208)

Counseling-Psychological Services Center

Change of Status

Counseling Coordinator

2. Linda MacNeilage

To:	9/1 - 10/14	60	12	\$ 16,400
	10/15 - 8/31	100		

From:	9/1 - 8/31	50	12	16,400
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Source of Funds: Transfer
from the Center's Classified Salaries account
(RBC# 1205, 1204, 1206)

Purchasing Office

Transfer Between Dissimilar Appropriations

3. Amount of Transfer - \$2,000

To: Wages

From: Maintenance and Operation

To provide for continued employment of part-time clerical help needed because of new purchasing procedures.
(RBC# 1162)

Office of Admissions

Interdepartmental Transfer

4. Amount of Transfer - \$10,656

To: Office of Admissions - Classified Personnel

From: Office of the Registrar - Classified Personnel

Funds available in the Registrar's Classified Salaries account were needed for the salary of an Administrative Assistant in the Office of Admissions.
(RBC# 1209)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>GENERAL INSTITUTIONAL EXPENSE</u>				
<u>University Development Office</u>				
Appointment				
Assistant Director				
5. Charles E. White (RBC# 1227)	11/5 - 8/31	100	12	\$ 13,000

Official Publications

Interdepartmental Transfer

6. Amount of Transfer - \$451

To: Official Publications - Classified Salaries

From: Office of the Vice President for Student Affairs - Development of Student Services

These additional funds were needed for reclassification of Assistant Registrar to Associate Registrar effective October 1, 1973.
(RBC# 1207)

SCHOOL OF ARCHITECTURE

Resignation

Associate Professor

7. Frank E. Whitson, Jr. (Tenure)

9/1 - 5/31

LWOP

9

(13,300)

Date of Resignation
(RBC# 1104)

8/31/73

Transfer of Funds

8. Amount of Transfer - \$2,023

To: Teaching Assistants

From: Reserve for Faculty Salaries

Additional funds were needed for Teaching Assistants for the academic year 1973-74.
(RBC# 1201)

COLLEGE OF HUMANITIESOffice of the Dean

Transfer of Funds

9. Amount of Transfer - \$15,200

Transfers were made from the Dean's Visiting Lecturers and Consultants Account to establish the various departmental Visiting Lecturers and Consultants Accounts as follows:

(1) Classics - \$2,000
(RBC# 1157)(5) Oriental and African Languages and Literatures - \$1,500
(RBC# 1156, 1290)(2) English - \$4,000
(RBC# 1137)(6) Philosophy - \$2,000
(RBC# 1138)(3) French and Italian - \$1,000
(RBC# 1142)(7) Slavic Languages - \$1,500
(RBC# 1139)(4) Germanic Languages - \$1,200
(RBC# 1136)(8) Spanish and Portuguese - \$2,000
(RBC# 1140)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF HUMANITIES (Continued)</u>				
<u>Office of the Dean (Continued)</u>				
Transfer of Funds				
10. Amount of Transfer - \$12,850				
To: Dean's Reserve				
From: Philosophy - Faculty Salaries				
Lapse unused faculty salaries for reallocation within the college, as needed. (RBC# 1141)				
<u>Germanic Languages</u>				
Appointment				
Instructor				
11. Birgitta H. Johansson (Non-tenure) (RBC# 1164)	9/1 - 1/15	33	9	\$ 9,000
<u>Oriental and African Languages and Literatures</u>				
Change of Status				
Instructor				
12. Reuven Lazarowitz (Non-tenure)				
To:	9/1 - 5/31	100	9	9,000
From:	9/1 - 5/31	50	9	9,000
Source of Funds: Transfer from the Dean's Reserve (RBC# 1165, 1123)				
<u>Philosophy</u>				
Transfer of Funds				
13. Amount of Transfer - \$6,400				
To: Philosophy - Faculty Salaries				
From: Dean's Reserve				
To provide for stipends of four visiting professors whose lectures will constitute the special Spring Semester Philosophy course, "Topics in Greek Philosophy." (RBC# 1279)				
<u>Slavic Languages</u>				
Appointment				
Instructor				
14. Sonia Taborsky (Non-tenure) (RBC# 1117)	10/1 - 1/15	25	9	9,000
Transfer Between Dissimilar Appropriations				
15. Amount of Transfer - \$6,000				
To: Visiting Lecturers				
From: Faculty Salaries				
Funds will be used for stipends of three lecturers who will conduct a graduate seminar, Russian 383 - Comparative Literature 382, during the Spring Semester. (RBC# 1122)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF NATURAL SCIENCES</u>				
<u>Astronomy</u>				
Transfer of Funds				
16. Amount of Transfer - \$1,500				
To: Astronomy - Visiting Lecturers and Consultants				
From: Office of the Dean, College of Natural Sciences - Visiting Lecturers and Consultants				
To establish a departmental account for 1973-74 for visiting lecturers for the Astronomy Department.				
(RBC# 1228)				
<u>Division of Biological Sciences</u>				
Transfer of Funds				
17. Amount of Transfer - \$9,700				
To: Division of Biological Sciences - Teaching Assistants				
From: Dean's Reserve for Faculty Salaries				
To provide the additional funds needed for Teaching Assistants by the Division for the academic year.				
(RBC# 1159)				
<u>Geological Sciences</u>				
Salary Increase				
Professor				
18. Robert E. Boyer (Tenure)				
To:	9/1 - 10/31	100	9	\$ 24,800
	11/1 - 5/31	100	9	25,800
From:	9/1 - 5/31	100	9	<u>24,800</u>
Rate Increase			<u>9</u>	<u>1,000</u>
(RBC# 1259)				
Change of Status				
19. Fred M. Bullard (Non-tenure)				
To: Professor	9/1 - 1/15	33	9	19,000
From: Professor Emeritus	9/1 - 5/31	--	-	---
(RBC# 1166)				
Professor				
20. L. Frank Brown, Jr. (Tenure)				
To:	9/1 - 1/15	33	9	19,200
From:	9/1 - 5/31	--	9	(19,200)
Concurrent Employment:				
Bureau of Economic Geology				
Associate Director - Research	9/1 - 1/15	67	12	24,300
	1/16 - 8/31	100		
(RBC# 1175)				

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate
<u>COLLEGE OF NATURAL SCIENCES (Continued)</u>				
<u>Geological Sciences and Bureau of Economic Geology</u>				
Salary Increase				
21. Victor A. Baker (Non-tenure)				
Geological Sciences Assistant Professor				
To:	9/1 - 1/15	LWOP	9	(\$ 12,100)
	1/16 - 5/31	100	9	12,700
From:	9/1 - 1/15	LWOP	9	(12,100)
	1/16 - 5/31	100	9	12,100
Source of Funds: Transfer from Dean's Reserve for Faculty Salaries				
Bureau of Economic Geology Research Scientist (Faculty)				
To:	9/1 - 10/31	100	9	12,100
	11/1 - 1/15	100	9	12,700
From:	9/1 - 1/15	100	9	<u>12,100</u>
Rate Increase (RBC# 1211, 1212, 1229)			<u>9</u>	<u>600</u>
Salary Increase and Change of Status				
22. William L. Fisher (Tenure)				
Geological Sciences Professor				
To:	9/1 - 1/15	33	9	20,700
	1/16 - 5/31	--		
From:	9/1 - 5/31	--	9	(20,700)
Bureau of Economic Geology Director				
To:	9/1 - 10/31	67	12	26,400
	11/1 - 1/15	67	12	28,000
	1/16 - 8/31	100	12	28,000
From:	9/1 - 8/31	100	12	<u>26,400</u>
Administrative Rate Increase (RBC# 1174, 1257, 1258)			<u>12</u>	<u>1,600</u>
<u>Home Economics</u>				
Appointment				
Instructor (Fall Semester 1973 Only)				
23. Nancy C. Cise (Non-tenure)	9/1 - 1/15	10	9	10,000
(RBC# 1115)				
Reappointment				
Assistant Instructor				
24. Lawrence A. Broussard (Non-tenure)	1/16 - 5/31	50	9	8,000
Previous appointment was at the same rate (RBC# 1288)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary No. Mos.</u>	<u>Rate</u>
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COLLEGE OF NATURAL SCIENCES (Continued)Home Economics (Continued)

Transfer of Funds

25. Amount of Transfer - \$7,571

To: Home Economics - Teaching Assistants

From: Dean's Reserve

To provide stipends for Teaching Assistants needed in several divisions of the Department of Home Economics for the Spring Semester.

(RBC# 1295)

MathematicsAppointment

Instructor (Fall 1973 Only)

26. Jimmy C. Lewis (Non-tenure)
(RBC# 1114)

9/1 - 1/15

100

9

\$ 9,000

Zoology and University Research InstituteLeave of Absence and Appointment

Professor

27. Hugh S. Forrest (Tenure)

Leave of Absence:

Zoology

9/1 - 5/31

100

9

23,300

Term of Leave

9/1 - 5/31

Appointment:

University Research Institute

Faculty Research Assignment

1/16 - 5/31

100

9

23,300

(RBC# 559, 183)

DIVISION OF GENERAL AND COMPARATIVE STUDIESOffice of the Dean

Transfer of Funds

28. Amount of Transfer - \$2,000

To: Office of the Dean - Travel

From: Unallocated Travel

Transfer travel funds to the Dean's Office to be reallocated, as needed, to the various departments within the Division of General and Comparative Studies.

(RBC# 1129)

29. Amount of Transfer - \$3,000

To: Office of the Dean - Classified Personnel

From: Unallocated Classified Salaries

Funds were needed due to the reclassifications of two members of the classified staff in this office.

(RBC# 1131)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

DIVISION OF GENERAL AND COMPARATIVE STUDIES
(Continued)

Asian Studies

Interdepartmental Transfer

30. Amount of Transfer - \$3,500

To: Asian Studies - Faculty Salaries

From: Comparative Studies - Faculty Salaries

Reallocation of teaching salary funds to provide staffing for Asian Studies courses to be offered during the Spring Semester.
(RBC# 1244)

Comparative Studies

Leave of Absence

University Professor of Latin American Studies

31. John W. F. Dulles (Tenure)

9/1 - 5/31

100

9

\$ 21,800

Term of Leave
(RBC# 1261)

1/16 - 5/31

COLLEGE OF BUSINESS ADMINISTRATION

Finance

Appointment

Lecturer

32. Henry M. Rollins (Non-tenure)
(RBC# 1103)

9/1 - 5/31

50

9

13,500

General Business

Transfer Between Dissimilar Appropriations

33. Amount of Transfer - \$500

To: Travel

From: Maintenance, Operation, and Equipment

Additional funds are needed for travel in order that members of this department's faculty may attend national meetings.
(RBC# 1121)

Marketing Administration

Salary Increase

Associate Professor

34. Henry O. Pruden (Tenure)

To:

9/1 - 10/31

100

9

15,100

11/1 - 5/31

100

9

16,100

From:

9/1 - 5/31

100

9

15,100

Rate Increase
(RBC# 1219)

9

1,000

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SCHOOL OF COMMUNICATION</u>				
<u>Office of the Dean</u>				
Appointment				
Assistant Dean				
35. John R. Wier, Jr.	11/1 - 5/31	33	9	\$ 14,000
	7/16 - 8/31	100		
Concurrent Employment:				
Speech Communication				
Associate Professor	9/1 - 10/31	100	9	14,000
	11/1 - 5/31	67		
(RBC# 1178, 1179, 1180)				
Change of Status				
36. A. Richard Elam, Jr.				
To: Assistant Dean	9/1 - 10/31	33	9	18,700
Associate Dean	11/1 - 5/31	33	9	18,700
	6/1 - 7/15	100		
From: Assistant Dean	9/1 - 5/31	33	9	18,700
	7/16 - 8/31	100		
Concurrent Employment:				
Journalism				
Associate Professor	9/1 - 5/31	67	9	17,100
(RBC# 1177, 1176)				
Transfer of Funds				
37. Amount of Transfer - \$3,629				
To: Dean's Reserve for Faculty Salaries				
From: Speech Communication - Faculty Salaries				
Lapse unused Faculty Salaries to the Dean's Reserve for reallocation, as needed, during the Spring Semester. (RBC# 1184)				
<u>COLLEGE OF EDUCATION</u>				
<u>Curriculum and Instruction</u>				
Appointment				
Assistant Professor				
38. George H. Culp (Non-tenure)	1/16 - 5/31	---	9	(\$ 12,000)
(RBC# 1113)				
Instructor				
39. Sarah H. Phillips (Non-tenure)	1/16 - 5/31	50	9	9,600
(RBC# 1202)				
Reappointment				
Assistant Instructor				
40. Dolores B. Rodi (Non-tenure)	1/16 - 5/31	25	9	8,000
Previous appointment was at the same rate (RBC# 1289)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF EDUCATION (Continued)</u>				
<u>Curriculum and Instruction (Continued)</u>				
Change of Status				
Assistant Professor				
41. Judith R. Marrou (Non-tenure)				
To:	9/1 - 1/15	50	9	\$ 11,000
	1/16 - 5/31	100		
From:	9/1 - 5/31	50	9	11,000
(RBC# 1181)				
<u>Curriculum and Instruction and English</u>				
Salary Increase				
Professor				
42. James L. Kinneavy (Tenure)				
To: Curriculum and Instruction	9/1 - 10/31	50	9	16,600
	11/1 - 5/31	50	9	17,600
English	9/1 - 10/31	50	9	16,600
	11/1 - 5/31	50	9	17,600
From: Curriculum and Instruction	9/1 - 1/15	100	9	16,600
	1/16 - 5/31	50		
English	1/16 - 5/31	50	9	<u>16,600</u>
Rate Increase			<u>9</u>	<u>1,000</u>
Sources of Funds: Departmental Faculty Salaries and Transfer from Curriculum and Instruction Faculty Salaries to English Faculty Salaries (RBC# 1170, 1185, 1169, 1171, 1094, 1118)				
<u>Educational Psychology</u>				
Appointment				
Assistant Professor				
43. Susan M. Hereford (Non-Tenure)	11/1 - 5/31	33	9	12,000
Concurrent Employment:				
Measurement and Evaluation Center				
Assistant Director	9/1 - 10/31	100	12	16,000
	11/1 - 5/31	67		
	6/1 - 8/31	100		
(RBC# 819)				
Lecturer				
44. Frederick E. Hill (Non-tenure)	9/1 - 5/31	17	9	13,125
Concurrent Employment:				
Counseling-Psychological Services Center				
Counseling Coordinator	9/1 - 5/31	33	12	17,500
	6/1 - 8/31	50		
Division of Housing and Food Service				
Counseling Coordinator	9/1 - 8/31	50	12	17,500
(RBC# 1088, 1087)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

COLLEGE OF EDUCATION (Continued)Educational Psychology (Continued)

Reappointment

Assistant Instructor

45. Charles D. Saddler (Non-tenure)	1/16 - 5/31	25	9	\$ 8,000
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Previous appointment
was at the same rate
(RBC# 1278)

Transfer of Funds

46. Amount of Transfer - \$1,500

To: Educational Psychology - Visiting Lecturers and Consultants

From: Unallocated Visiting Lecturers and Consultants

To provide the additional funds needed for the Department of Educational Psychology to sponsor a symposium series on the future of professional training in psychology.
(RBC# 1234)

Special Education

Appointment

Adjunct Assistant Professor

47. Albert E. Riester (Non-tenure) (RBC# 1220)	9/1 - 5/31	---	--	---
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Transfer Between Dissimilar Appropriations

48. Amount of Transfer - \$150

To: Maintenance and Operation

From: Computer Rental and Purchased Services

The original budget allocation for computer supplies was included in the departmental Computer Rental and Purchased Services account. This transfer is to place these funds in the Maintenance and Operation account against which such charges are made.
(RBC# 1236)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF ENGINEERING</u>				
<u>Office of the Dean</u>				
Transfer of Funds				
49. Amount of Transfer - \$ 1,800				
To: Office of the Dean, College of Engineering - Visiting Lecturers and Consultants				
From: Unallocated Visiting Lecturers and Consultants				
To provide the additional funds needed to continue the speakers program for the Teaching Effectiveness Luncheons of the College of Engineering. (RBC# 1239)				
<u>Aerospace Engineering and Engineering Mechanics</u>				
Appointment				
Visiting Professor				
50. Edward L. Stiefel (Non-tenure) (RBC# 1221)	1/1 - 3/31	100	9	\$ 24,000
<u>Chemical Engineering</u>				
Reappointment				
Assistant Instructor				
51. Mayis T. Jahangirians (Non-tenure) Previous appointment for the Fall Semester was at the same rate. (RBC# 1276)	1/16 - 5/31	50	9	8,000
Assistant Instructor				
52. Gregory R. Siebers (Non-tenure) Previous appointment for the Fall Semester was at the same rate. (RBC# 1277)	1/16 - 5/31	50	9	8,000
<u>Civil Engineering</u>				
Appointment				
Lecturer				
53. Cornelius O. Orangun (Non-tenure) (RBC# 1112)	9/1 - 5/31	50	9	13,000
Reappointment				
Adjunct Professor				
54. A. Anthony Toprac (Non-tenure) Mr. Toprac resigned his 1973-74 Original Budget appointment as Professor (Tenure) effective 8/31/73. See U. T. Austin Docket for 12/7/73 Meeting - Page A-89, Item No. 375. (RBC# 1120, 1283)	9/1 - 11/12	--	--	---

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF ENGINEERING (Continued)</u>				
<u>Civil Engineering (Continued)</u>				
Change of Status				
Associate Professor				
55. Benjamin F. McCullough (Tenure)				
To:	9/1 - 5/31	100	9	\$ 14,900
From:	9/1 - 1/15	100	9	14,900
	1/16 - 5/31	67		
(RBC# 1102)				
Resignation				
Professor				
56. Richard E. Speece (Tenure)	9/1 - 5/31	100	9	19,200
Date of Resignation	1/15/74			
(RBC# 1101)				
<u>Civil Engineering - Meteorology Division</u>				
Appointment and Salary Increase				
Assistant Professor				
57. Tsann-wang Yu (Non-tenure)	9/1 - 5/31	100	9	11,500
1972-73 Salary Rate			12	12,816
			9 (equiv)	<u>9,612</u>
Rate Increase			<u>9</u>	<u>1,888</u>
(RBC# 1119)				
<u>Civil Engineering - Architectural Engineering Division</u>				
Appointment				
Lecturer				
58. William R. Hazard (Non-tenure)	9/1 - 1/15	25	9	18,000
Source of Funds: Transfer from Civil Engineering, Faculty Salaries				
(RBC# 1183, 1017)				
Reappointment				
Lecturer				
59. Clayford T. Grimm (Non-tenure)	1/16 - 5/31	50	9	17,900
Source of Funds: Transfer from Civil Engineering, Faculty Salaries.				
Previous appointment for the Fall Semester was at the same rate.				
(RBC# 1182, 1158)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF ENGINEERING (Continued)</u>				
<u>Civil Engineering - Architectural Engineering Division and Computation Center</u>				
Appointment and Salary Increase				
60. Calin M. Popescu (Non-tenure)				
Civil Engineering - Architectural Engineering Division Assistant Professor	9/1 - 1/15	25	9	\$ 12,000
Source of Funds: Transfer from Civil Engineering - Faculty Salaries				
Computation Center Research Scientist (Faculty)	10/1 - 12/31	25	9	12,000
Source of Funds: Revolving Funds				
1972-73 Salary Rate			12	14,736
			9 (equiv)	<u>11,052</u>
Rate Increase (RBC# 1096, 1097, 1017)			<u>9</u>	<u>948</u>

Mechanical Engineering

Resignation

Assistant Professor.

61. Robert A. Helfinstine (Non-tenure)	9/1 - 5/31	100	9	12,700
Date of Resignation (RBC# 1265)	1/15/74			

COLLEGE OF FINE ARTSMusic

Budget Correction

Professor (Modified Service)

62. Fritz Oberdoerffer (Non-tenure)

To:	9/1 - 5/31	50	9	15,000
From:	9/1 - 5/31	50	9	13,000

Source of Funds: Transfer from Unallocated Faculty Salaries.

Correct the budget to increase Professor Oberdoerffer's academic rate to minimum for Professor in accordance with Regents' Rules 31.6, Part I, page 42.

(RBC# 1091, 1011)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

SCHOOL OF LAW

Budget Correction

Professor (Modified Service)

63. Leon Green (Non-tenure)

To:	9/1 - 5/31	50	9	\$ 15,000
From:	9/1 - 5/31	50	9	13,000

Source of Funds: Unallocated Faculty Salaries.

Correct the budget to increase Professor Green's academic rate to minimum for Professor in accordance with Regents' Rules 31.6, Part I, page 42.

Professor Green also receives a stipend of \$2,950 from the Law School Foundation (RBC# 1092, 1010)

Transfer of Funds

64. Amount of Transfer - \$ 17,267

To: School of Law - Faculty Salaries

From: Unallocated Faculty Salaries

To fund that portion of the salaries of two Professors paid from Ford Foundation funds through October 31, but who will be paid full-time from General Budget Funds 11/1/73 - 5/31/74. (RBC# 1128)

GRADUATE SCHOOL OF LIBRARY SCIENCE

Appointment and Salary Increase

Associate Professor

65. Chester V. Kielman (Tenure)

1972-73 Academic Rate

Academic Rate Increase

Concurrent Employment:
Library

Professional Librarian

1/16 - 5/31	33	9	17,400
		9	<u>16,800</u>
		<u>9</u>	<u>600</u>
9/1 - 1/15	100	12	16,600
1/16 - 5/31	67		
6/1 - 8/31	100		

(RBC# 1216, 1269)

UNALLOCATED TEACHING SALARIES

Transfer of Funds

66. Amount of Transfer - \$ 25,076

Unused Teaching Salaries were lapsed to the Institutional Unallocated Teaching Salaries account as follows:

(1) Language and Area Center for Latin American Studies - Faculty Salaries	\$ 17,966		
Teaching Assistants	<u>3,110</u>		
			\$ 21,076
(2) Graduate School of Social Work - Teaching Assistants			<u>4,000</u>
			<u>\$ 25,076</u>

(RBC# 1241, 1260)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

ORGANIZED RESEARCHBureau of Business Research

Transfer Between Dissimilar Appropriations

67. Amount of Transfer - \$ 17,699

To: Administrative and Professional Salaries

From: Classified Personnel

The new classified position of Special Research Associate provided for in the 1973-74 Budget has not been filled. The duties of this position will be handled by faculty personnel on a part-time basis until the full-time appointment of a Special Research Associate can be made.

(RBC# 1280)

Bureau of Economic Geology

Transfer Between Dissimilar Appropriations

68. Amount of Transfer - \$ 10,659

To: Classified Personnel

From: Administrative and Professional Salaries

Reallocation of salary funds within this Bureau to support personnel currently employed.

(RBC# 1254)

Center for Numerical Analysis

Transfer Between Dissimilar Appropriations

69. Amount of Transfer - \$ 7,434

To: Administrative and Professional Salaries

From: Classified Salaries

Reallocation of the Center's salaries funds to provide for personnel currently employed.

(RBC# 549)

Center for Structural Studies

Transfer Between Dissimilar Appropriations

70. Amount of Transfer - \$ 2,000

To: Classified Personnel

From: Maintenance and Operation

Reallocation of the Center's funds to provide for salaries for part-time help needed.

(RBC# 1282)

Science Education Center

Transfer of Funds

71. Amount of Transfer - \$ 1,854

To: Science Education Center - Classified Personnel

From: Office of the Dean, College of Education - Maintenance and Operation

Transfer funds available in the Dean's Office to provide for the services of a half-time senior clerk-typist needed in the Center.

(RBC# 1291)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>ORGANIZED RESEARCH (Continued)</u>				
<u>McDonald Observatory</u>				
Resignation				
Professional Librarian				
72. Virginia C. Bopp	9/1 - 8/31	100	12	\$ 9,700
Source of Funds: General Budget Funds (50%) and Revolving Funds (50%)				
Date of Resignation 11/9/73 (RBC# 1197, 1196)				
Transfer Between Dissimilar Appropriations				
73. Amount of Transfer - \$ 3,920				
To: Classified Personnel				
From: Administrative and Professional Salaries				
Personnel changes in this area required this transfer. (RBC# 1268)				
<u>McDonald Observatory - Radio Astronomy</u>				
Transfer of Funds				
74. Amount of Transfer - \$ 29,238				
To: McDonald Observatory - Radio Astronomy - Classified Salaries				
From: Unallocated Classified Salaries				
To provide salary support for a Research Engineer Associate V, a Technical Staff Associate V and a one-half time Senior Secretary needed by this department for the fiscal year. (RBC# 1132)				
<u>Research in Botany - Herbarium</u>				
Appointment				
Director				
75. Billie L. Turner	12/23 - 1/15	100	9	26,400
Academic Status: Professor (Botany) - On Leave from department Fall, 1973. (RBC# 1089)				
<u>University Research Institute</u>				
Transfer of Funds				
76. Amount of Transfer - \$ 155,943				
To: University Research Institute - Salaries				
From: University Research Institute - Allotment Account				
Funds were used for faculty research assignments. (RBC# 1252, 1253)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SPECIAL ITEMS</u>				
<u>Texas Memorial Museum</u>				
Transfer of Funds				
77. Amount of Transfer - \$ 3,000				
To: Texas Memorial Museum - Administrative and Professional Salaries				
From: Unallocated Classified Salaries				
To provide salary funds for Mr. Wayne Bell for services rendered in connection with Winedale Stagecoach Inn. (RBC# 1127)				
<u>REVOLVING FUNDS</u>				
<u>Industrial and Business Training Bureau</u>				
Appointment				
Instructor				
78. Mary H. Patrenella	11/1 - 8/31	17.5	12	\$ 7,200
Source of Funds: Revolving Training Fund (RBC# 1218)				
<u>ACADEMIC DEVELOPMENT PROGRAM</u>				
<u>Office of the Dean, College of Humanities</u>				
Transfer of Funds				
79. Amount of Transfer - \$ 3,000				
To: Office of the Dean, College of Humanities - Program Development Fund				
From: Academic Development Fund - Allotment Account				
Funds were needed to support a biennial symposium, the International Poetry Festival, which is to be held this year. (RBC# 1249)				
<u>School of Law</u>				
Reappointment				
Lecturer				
80. Carol Oppenheimer	1/16 - 5/31	50	9	14,000
Source of Funds: School Of Law - Academic Development Program Funds.				
Previous appointment for the Fall Semester was at the same rate. (RBC# 1217)				
<u>Humanities Research Center</u>				
Appointment				
Research Associate				
81. Lois B. Trice	9/1 - 8/31	33	9	9,000
Source of Funds: Academic Development Program funds for Library Research and Development (RBC# 1195)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SPONSORED PROJECTS</u>				
<u>Philosophy</u>				
Reappointment				
Humanities Research				
Associate (Faculty)				
82. Robert Causey	7/16 - 7/31	35	9	\$ 15,700
Source of Funds: NSF Grant				
Previous appointment was at the same rate.				
Academic Status:				
Associate Professor				
(Philosophy)				
(RBC# 1194)				
<u>Astronomy</u>				
Appointment				
Assistant Professor (1973-74 Only)				
83. Beatrice M. H. Tinsley	9/1 - 5/31	50	9	14,000
Source of Funds: NSF				
University Science				
Development Program				
(RBC# 1105)				
<u>Zoology</u>				
Appointment				
Research Associate (Faculty)				
84. Stephen A. Underwood	9/1 - 12/31	33	9	12,500
Source of Funds:				
USPHS Contract				
Concurrent Employment:				
Electrical Engineering				
Assistant Professor				
	9/1 - 1/15	33	9	12,500
Research Engineer (Faculty)				
	9/1 - 5/31	33	9	12,500
(RBC# 1191)				
<u>Educational Administration</u>				
Appointment				
Visiting Professor				
85. Oscar G. Mink	9/1 - 4/30	100	12	25,000
Source of Funds:				
USPHS Contract				
(RBC# 1107)				
<u>Center for Plasma Physics and Thermonuclear Research</u>				
Reappointment				
Research Scientist				
86. Alan A. Ware	5/1 - 6/30	100	12	33,682
Source of Funds: Atomic				
Energy Commission Contract				
Previous appointments were at the same rate.				
(RBC# 1223)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SPONSORED PROJECTS (Continued)</u>				
<u>Center for Plasma Physics and Thermonuclear Research (Continued)</u>				
Reappointment				
Research Scientist				
86. David W. Ross	4/16 - 6/30	100	12	\$ 22,000
Source of Funds: Atomic Energy Commission Contract				
Previous appointments were at the same rate. (RBC# 1251)				
Research Program Manager				
88. Alan B. Macmahon	1/1 - 3/31	50	12	19,543
Source of Funds: Atomic Energy Commission Contract				
Previous appointments were at the same rate. (RBC# 1225)				
Leave of Absence				
Research Scientist				
89. Henry V. Wong				
To:	9/1 - 10/14	100	12	20,535
	10/15 - 6/30	LWOP		
From:	9/1 - 4/30	100	12	20,535
(RBC# 1109)				
<u>Computer-Based Education Project</u>				
Change of Status				
Research Engineer (Faculty)				
90. Robert A. Mills				
To:	9/1 - 1/15	33	9	12,000
From:	9/1 - 12/15	33	9	12,000
Source of Funds: NSF Grant				
Concurrent Employment: Chemical Engineering				
Instructor	9/1 - 5/31	67	9	12,500
(RBC# 1108)				
<u>Electrical Engineering Research Laboratory</u>				
Appointment				
Research Scientist (Faculty)				
91. Paul A. VandenBout	9/1 - 8/31	--	--	---
Concurrent Employment: Astronomy				
Assistant Professor	9/1 - 5/31	100	9	14,900
(RBC# 1250)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

AUXILIARY ENTERPRISESParking and Traffic

Transfer of Funds

92. Amount of Transfer - \$ 7,702

To: Parking and Traffic - Enforcement - Salaries - \$ 7,042
 Maintenance and Operation - 660

From: Jester Center Halls - Allocation for Budget Adjustments

To provide for services of two uniformed Police Officers needed for security coverage of the Jester Center area.

(RBC# 1304)

CURRENT RESTRICTED FUNDSEngineering Foundation

Transfer Between Dissimilar Appropriations

93. Amount of Transfer - \$ 5,000

To: Official Entertainment

From: Visiting Lecturers and Faculty Recruiting

These additional funds were needed to support Teaching Effectiveness programs, faculty and student recruiting, the Engineering Foundation Advisory Council activities as well as other activities regularly sponsored by the Foundation.

(RBC# 1292)

94. Amount of Transfer - \$ 10,000

To: Maintenance and Operation

From: Classified Personnel

Reallocation of funds needed to defray costs of College of Engineering Annual Report for 1972-73, printing of the college newsletter, equipment rental and other expenses.

(RBC# 1293)

95. Amount of Transfer - \$ 10,000

To: Industrial Associates

From: Classified Personnel

Reallocation of funds to cover costs of short course fees for Industrial Associates Program participants and other expenses associated with the operation of the Foundation's Industrial Associates program.

(RBC# 1238)

Fine Arts Foundation - Office of the Dean

Transfer Between Dissimilar Appropriations

96. Amount of Transfer - \$ 1,000

To: Office of the Dean, Official Entertainment

From: Office of the Dean, Various Donors - Various Purposes

Funds will be used by the Dean for official entertainment for 1973-74 fiscal year.

(RBC# 1232)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

CURRENT RESTRICTED FUNDS (Continued)

Fine Arts Foundation - Music

Transfer Between Dissimilar Appropriations

97. Amount of Transfer - \$ 671

To: Music - Touring and Travel

From: Music - Camps and Contests

Reallocation of funds to provide support needed for faculty and student travel.

(RBC# 1125)

Administrative Charges to Trust Funds

Transfer of Funds

98. Amount of Transfer - \$ 22,000

From: Account Number 19-0619-1254	\$ 10,447.61
Account Number 19-0619-1270	82.72
Account Number 19-0619-1200	11,469.67
	<u>\$ 22,000.00</u>

To: Account Number 19-0619-1256	\$ 16,000.00
Account Number 19-0619-1257	6,000.00
	<u>\$ 22,000.00</u>

(RBC# D-45)

Put in cash
ret off
Per off
Car rental
Regency

AGENCY FUNDS

Winedale Inn Properties

Appointment and Salary Increase

Director

99. Lonn W. Taylor	9/1 - 8/31	100	12	\$ 9,024
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1972-73 Salary Rate			12	<u>8,328</u>
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Rate Increase			12	<u>696</u>
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(RBC# 1116)

OTHER FISCAL ITEMS

U. T. Austin - Social Science and Humanities Library (Project No. 102-200)

Section 13 of the Bond Resolution which authorized The University of Texas at Austin Building Revenue Bonds, Series 1974 (\$53,000,000), requires the establishment of a Reserve Fund of \$4,000,000 from bond proceeds. It is in order to transfer this \$4,000,000 from Building Revenue Bond Proceeds previously appropriated to Project No. 102-200 Social Science and Humanities Library to establish this Reserve Fund. As a part of this transaction, \$4,000,000 is being replaced in the project by transfer from the Available University Fund (Sub-account No. 63-1022-0000).

900

1972-73 and 1973-74 BUDGET
SALARY RATE INCREASES OF \$2,000 OR MORE INVOLVING APPOINTMENTS
TO A DIFFERENT POSITION AND NEW AND DIFFERENT DUTIES

Source of Funds: Departmental Salaries unless otherwise specified.

Item No.	Explanation	Present Status	Proposed Status	Effective Dates
<u>1972-73 BUDGET</u>				
1.	William C. Heeney Extension Teaching and Field Service Bureau	Social Science Research Associate IV		
	Educational Administration		Social Science Research Associate V	
	Salary Rate	\$ 11,664	\$ 14,100	8/1/73
	Source of Funds: TEA Contract (RBC# 4456)			
<u>1973-74 BUDGET</u>				
2.	Jane S. Allen Microbiology	Research Scientist Assistant I	Research Scientist Associate I	
	Salary Rate	\$ 6,672	\$ 10,308	10/22/73
	Source of Funds: NIH Grant (RBC# 1305)			
3.	James P. Coose Center for Nuclear Studies	Technical Staff Assistant IV		
	Physics		Research Scientist Associate III	
	Salary Rate (RBC# 1214)	\$ 7,896	\$ 13,008	1/1/74
4.	Lance Dickson Library - Law Library	Professional Librarian	Associate Law Librarian	
	Salary Rate (RBC# 1172)	\$ 10,900	\$ 13,000	11/1/73
5.	David T. Fox Industrial and Business Training Bureau	Clerk	Instructor	
	Salary Rate - 12 mos.	\$ 4,620	\$ 7,200	10/1/73
	Source of Funds: Revolving Training Fund (RBC# 1215)			

Item No.	Explanation	Present Status	Proposed Status	Effective Dates
6.	Francis P. Gillespie Institute of Latin American Studies Population Research Center	Senior Clerk	Social Science Research Associate I	9/24-5/31
	Salary Rate	\$ 4,488 (1972-73)	\$ 7,632	
	Source of Funds: Manpower Adminis- tration Grant (RBC# 1110)			
7.	Laurence K. Hannon Texas Union Office of the Vice President for Busi- ness Affairs	Executive Assistant	Assistant to the Vice President for Business Affairs	10/15-5/31
	Salary Rate (RBC# 1111)	\$ 11,772	\$ 15,000	
8.	Richard E. Letz Psychology	Social Science Research Assistant II	Social Science Research Associate I	9/1-4/30
	Salary Rate	\$ 4,488 (1972-73)	\$ 6,672	
	Source of Funds: Weight Watchers Foundation Grant (RBC# 1106)			
9.	Janet A. L. Ross Humanities Research Center	Humanities Research Assistant II	Humanities Research Associate I	10/1/73
	Salary Rate (RBC# 1200)	\$ 4,296 (1972-73)	\$ 6,672	
10.	Kenric D. Speed Research and Develop- ment Center for Teacher Education	Social Science Research Associate I ($\frac{1}{2}$ T)	Social Science Research Associate I ($\frac{1}{2}$ T) Computer Programmer I ($\frac{1}{4}$ T)	10/1-11/30
	Salary Rate	\$ 6,900	\$ 6,900	
	Salary Rate		\$ 11,016	
	Source of Funds: Office of Education Contract (RBC# 1224)			

Item No.	Explanation	Present Status	Proposed Status	Effective Dates
11.	John H. Vanston, Jr. (Non-tenure) Mechanical Engineering	Assistant Professor ($\frac{1}{2}$ T)	Assistant Professor ($\frac{1}{2}$ T)	
	Academic Rate	\$ 16,000	\$ 16,000	
	Energy Resources Program		Associate Director ($\frac{1}{2}$ T)	
	Administrative Rate (9 mos.) (RBC# 1199)		\$ 18,000	9/1/73



THE UNIVERSITY OF TEXAS AT DALLAS

OFFICE OF THE PRESIDENT

December 5, 1973

Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the February 1, 1974 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,

A handwritten signature in cursive script, reading 'Bryce Jordan'.

Bryce Jordan
President

BJ:cs
Attachment

THE UNIVERSITY OF TEXAS AT DALLAS

NKF

ACADEMIC AND BUSINESS CONTRACTS AND AGREEMENTS

1. Interagency Contract IAC (74-75)-0468 dated October 1, 1973 with The University of Texas at Arlington, signed by Vice President for Business Affairs, S. C. Fallis, whereby The University of Texas at Dallas, Performing Agency, provides rental of two Novar Interactive Terminals to The University of Texas at Arlington, Receiving Agency, during that portion of the 1973/74 academic year from October 1, 1973 thru March 31, 1974, for the amount of \$1,440.

NKF

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL)

The following grant has been executed by the appropriate official, and I recommend ratification:

1. Agency: Japan Foundation
 Grant No: Letter Award
 New Funds: \$1,600 (Dollars will not be received, but rather new books, published in Japan, valued at \$1,600)
 Date: September 14, 1973
 Description: To acquire books relating to UTD courses in International Management option of the Management and Administrative Sciences program.
 County of
 Expenditure: Not Applicable

THE UNIVERSITY OF TEXAS AT DALLAS

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL)

BOARD OF REGENTS MEETING - FEBRUARY 1, 1974

The following contracts, grants and amendments have been signed by the appropriate official upon the recommendation of the respective technical directors, fiscal officers, and the Assistant Director of the Center for Advanced Studies.

Expenditures from these contracts and grants will be made in accordance with regular University operating procedures and contractual limitations. Personnel appointments and changes will be in accordance with University salary rates and approvals. Travel and purchasing conform to established procedures.

1. Agency: NASA/Headquarters
 Grant No.: NGR 44-004-030 (155), Supplement No. 9 (UTD E1447-04)
 New Funds: \$25,000
 Date: September 1, 1973 - August 31, 1974
 Description: Continuation of Laboratory Plasma Probe Studies
 County of
 Expenditure: Dallas/Collin

2. Agency: NASA/Headquarters
 Grant No.: NGR 44-004-124, Supplement No. 2 (UTD E1463-08)
 New Funds: \$100,000
 Date: July 1, 1973 - June 30, 1974
 Description: Develop Payloads for Rocket Investigation of a Auroral
 Zone Disturbances
 County of
 Expenditure: Dallas/Collin

3. Agency: NASA/Goddard Space Flight Center
 Contract No.: NAS5-9310, Modification No. 15 (UTD E1468-01)
 New Funds: \$4,002
 Date: November 1, 1973
 Description: Development of an Ion Mass Spectrometer for Flight on the
 OGO-F Vehicle
 County of
 Expenditure: Dallas/Collin

4. Agency: NASA/Goddard Space Flight Center
 Contract No.: NAS5-9311, Modification No. 25 (UTD E1468-02)
 New Funds: \$10,868
 Date: November 15, 1973
 Description: Ionospheric Duct Detector
 County of
 Expenditure: Dallas/Collin

5. Agency: National Institute of General Medical Sciences, DHEW
 Grant No.: 5 K03 GM 34964-08 GMK (UTD E1494-08)
 New Funds: \$27,000
 Date: January 1, 1974 - December 31, 1974
 Description: Quantitative Morphology of Nucleic Acids
 County of
 Expenditure: Dallas/Collin

THE UNIVERSITY OF TEXAS AT DALLAS

AMENDMENTS TO THE 1973/74 OPERATING BUDGET

BOARD OF REGENTS MEETING - FEBRUARY 1, 1974

GENERAL ADMINISTRATIONUnallocated General Administration

1. Transfer of Funds

Amount of Transfer - \$25,000

From:	Unallocated General Administration Computer Services	\$25,000
To:	Planning and Management Systems Computer Services	\$ 5,000
	Admissions and Registration Computer Services	3,000
	General Accounting Computer Services	10,000
	Administrative Data Processing Computer Services	5,000
	Budget Office Computer Services	2,000

To provide funds for computing services for Administrative Departments (D48).

RESIDENT INSTRUCTIONOffice of the Executive Dean for Undergraduate Studies

2. Establish the position of Assistant to the Executive Dean of Undergraduate Studies 50% time for the period 11/1/73 thru 8/31/74, annual salary rate \$12,000, and provide \$500.00 for travel associated with the educational planning function. Appoint Susan L. Shirk to this position. Funds available in the Unallocated Resident Instruction Administrative and Professional Salaries and Travel (D57).

Graduate Program in Physics

3. Appoint Brian W. Johnson, Lecturer without tenure, to the Graduate Program in Physics, 50% time for the period 9/01/73 thru 5/31/74, academic salary rate \$10,125. Funds for this appointment available in the Graduate Program in Physics Lecturer Salaries (D45).

Graduate Program in Mathematical Sciences

4. Transfer of Funds

Amount of Transfer - \$ 2,200

From:	Graduate Program in Mathematical Sciences Maintenance and Operation	\$ 2,200
To:	Graduate Program in Mathematical Sciences Lecturer Salaries	\$ 2,200

To provide for Fall Semester Lecturer Salaries (D52).

THE UNIVERSITY OF TEXAS AT DALLAS

AMENDMENTS TO THE 1973/74 OPERATING BUDGET (continued)RESIDENT INSTRUCTION (continued)Unallocated Resident Instruction

5. Transfer of Funds

Amount of Transfer - \$12,900

From:	Unallocated Resident Instruction Computer Services	\$12,900
To:	Graduate Program in Biology Computer Services	\$ 2,400
	Graduate Program in Chemistry Computer Services	1,000
	Graduate Program in Environmental Sciences Computer Services	1,100
	Graduate Program in Geological Sciences Computer Services	2,000
	Graduate Program in Management and Administrative Sciences Computer Services	3,000
	Graduate Program in Mathematical Sciences Computer Services	1,000
	Graduate Program in Physics Computer Services	2,400

To provide funds for computing services for the Graduate Programs (D47).

ORGANIZED RESEARCHInstitute for Chemical Sciences

6. Resign Larry Smith, Research Associate, from the Institute for Chemical Sciences effective November 9, 1973 (D51).

Institute for Management and Administrative Sciences

7. Transfer of Funds

Amount of Transfer - \$ 337

From:	Unallocated Organized Research Maintenance and Operation	\$ 337
To:	Institute for Management and Administrative Sciences Travel	\$ 337

To provide for travel required in the initial phase of a court process analysis project (D56).

THE UNIVERSITY OF TEXAS AT DALLAS

AMENDMENTS TO THE 1973/74 OPERATING BUDGET (continued)ORGANIZED RESEARCH (continued)Institute for Special Programs

8. Establish the Institute for Special Programs which will undertake research in all areas for which no other applicable institute exists (D50).
9. Transfer of Funds
 Amount of Transfer - \$ 1,630
- | | | |
|-------|--|----------|
| From: | Unallocated Organized Research Maintenance and Operation | \$ 1,630 |
| To: | Institute for Special Programs Wages | \$ 1,000 |
| | Institute for Special Programs Maintenance and Operation | 630 |
- To provide cost sharing funds for the Office of Education Grant No. 73-974-021 (D50).

Unallocated Organized Research

10. Transfer of Funds
 Amount of Transfer - \$40,000
- | | | |
|-------|--|----------|
| From: | Unallocated Organized Research Computer Services | \$40,000 |
| To: | Institute for Physical Sciences Computer Services | \$20,000 |
| | Institute for Geological Sciences Computer Services | 1,200 |
| | Institute for Molecular Biology Computer Services | 2,400 |
| | Institute for Math Sciences Computer Services | 200 |
| | Institute for Environmental Sciences Computer Services | 200 |
| | Institute for Chemical Sciences Computer Services | 15,700 |
| | Institute for Management and Administrative Sciences Computer Services | 300 |
- To provide funds for computing services for the Organized Research Institutes (D46).

THE UNIVERSITY OF TEXAS AT EL PASO
El Paso, Texas

December 4, 1973

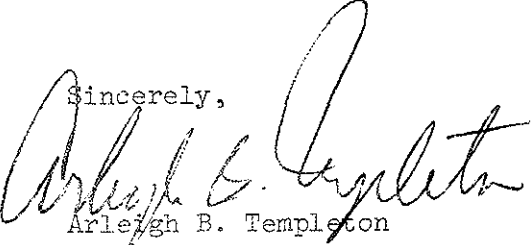
Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the February 1, 1974 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,



Arleigh B. Templeton
President

THE UNIVERSITY OF TEXAS AT EL PASO
El Paso, Texas

Docket for Meeting February 1, 1974

EP-2

GIFTS

The following gift has been received by The University of Texas at El Paso. I recommend acceptance and that expressions of thanks and appreciation of the Board be sent the donor by the Secretary.

<u>Donor</u>	<u>Purpose and Condition</u>	<u>Amount</u>
1. * Mr. and Mrs. Cecil L. Trigg 1040 Broadmoor Drive El Paso, Texas 79912	Frieden Typesetter Keyboard with cards and storage cabinet for use by Printing Division	\$6,000.00 (Est.)

*No letter of transmittal received from donor.

The University of Texas at El Paso
Grants, Contracts and Agreements (State)

February 1, 1974

I recommend approval of the following interagency contracts:

1. Amendment to Interagency Contract IAC(72-73)-1020 to increase the amount of the contract from \$1,250.00 to \$1,600.00. The contract was between the Texas Commission for Indian Affairs - Tigua Indian Community and The University of Texas at El Paso where the University furnished courses of instruction, instructional aids, books and all other services pertaining to regular college students for approved members of the Tigua Indian Tribe who qualify for entrance to college. The contract was effective for the period beginning September 1, 1972 and ending August 31, 1973. The amendment was approved by the Board of Control on August 31, 1973.
2. Interagency Contract IAC(74-75)-0490 between the Texas Commission for Indian Affairs - Tigua Indian Community and The University of Texas at El Paso whereby the University agrees to furnish courses of instruction, instructional aids, books and all other services pertaining to regular college students for approved members of the Tigua Indian Tribe who qualify for entrance to college. The total amount of the contract shall not exceed \$2,500.00 and is effective for the period beginning September 1, 1973, and ending August 31, 1975. The contract was approved by the Board of Control on September 1, 1973.
3. Interagency Contract IAC(74-75)-0456 between the Texas Department of Community Affairs and The University of Texas at El Paso whereby the University will perform testing and evaluation for the Texas State Building Materials and Systems Testing Laboratory. The University will be reimbursed for all actual costs incurred, including but not limited to personnel, special equipment, supplies and travel. The total amount of the contract shall not exceed \$50,000.00 and is effective for the period beginning October 2, 1973, and ending August 31, 1974. The contract was approved by the Board of Control on October 2, 1973.

The University of Texas at El Paso
Grants, Contracts and Amendments (Federal)
 February 1, 1974

10 + 7

The following contracts, grants and amendments have been negotiated and have been signed by me upon recommendation of the directors of the projects. I recommend your approval and ratification of the signatures.

1. Modification P00001, dated May 30, 1973, to Educational Service Agreement No. F33600-72-C-0465, whereby the Contracting Officer, 2750th Air Base Wing-PMA, Specialized Procurement Branch, Building 2, Area C, Wright-Patterson AFB, Ohio, 45433, deletes Clause 9 entitled "Equal Opportunity (1971 Apr.)", of the General Provisions and substitutes with Clause 9 entitled "Equal Opportunity (1972 Aug.)". All other terms and conditions of the contract remain unchanged.
2. Order No. DABT51-74-D-2112, dated October 17, 1973, to Basic Agreement No. DABDO7-71-A-0001 whereby the Contracting Officer, Procurement Division, DIO, P. O. Box 6078, Fort Bliss, Texas 79906, requests that 236 students be enrolled for 1142 credit hours in the on-post program during the Fall Semester, 1973, for which the government undertakes total obligation of \$8,850.00. The majority of expenditures from this award will be made in El Paso County.
3. Order No. DABT51-74-D-2123, dated November 1, 1973, to Basic Agreement No. DABE32-73-A-0002, whereby the Contracting Officer, Procurement Division, DIO, P. O. Box 6078, Fort Bliss, Texas 79906, requests that 1 student be enrolled for 6 credit hours in the on-post full tuition paid by government program during the Fall Semester, 1973, for which the government undertakes the total obligation of \$62.00. The majority of expenditures from this award will be made in El Paso County.
4. Modification No. P00003, dated November 12, 1973, to Contract No. F41609-72-C-0020, whereby the Contracting Officer, Aerospace Medical Division (AFSC), Attn: PMR, P. O. Box 35448, Brooks Air Force Base, Texas 78235, recovers \$311.16 as excess to contract requirements which is the unexpended balance at the termination of the contract, thus decreasing the amount of the contract from \$133,591.00 to \$133,279.84.
5. Modification No. P00006, dated November 13, 1973, to Contract No. DAAD07-72-C-0248, whereby the Contracting Officer, Procurement Directorate, STEWS-PR-A, Building 1830, White Sands Missile Range, New Mexico 88002, obligates \$30,000.00 increasing the total obligated amount from \$232,966 to \$262,966. All other terms and conditions remain unchanged. The majority of the expenditures from this award will be made in El Paso County.
6. Grant No. 71-DF-933, dated October 6, 1972, whereby the Executive Director, West Texas Council of Governments, 1019 Southwest Center Building, El Paso, Texas 79901, awards \$27,720.00 for a Regional Criminal Justice Degree for the period September 1, 1971 through June 30, 1973. The majority of expenditures from this award will be made in El Paso County.

The University of Texas at El Paso
Amendments to 1973-74 Operating Budget
 February 1, 1974

EDUCATIONAL AND GENERALGENERAL ADMINISTRATION AND STUDENT SERVICESRegistrar's Office

1. Change the status of Donald L. Paulson from Registrar (Full-time) to Registrar (Part-time) effective September 1, 1973 through May 31, 1974, and lapse to Unallocated Salaries - Other \$2,617.00 budgeted for this position. He will also serve as Assistant Professor (Part-time) in the Department of Educational Psychology and Guidance. (RBC 155)

RESIDENT INSTRUCTIONCOLLEGE OF EDUCATIONCurriculum and Instruction

2. Accept the resignation of Joseph W. Scruggs (tenure), Assistant Professor (1/2 Time), effective before September 1, 1973, and lapse to Unallocated Salaries - Faculty \$5,687.00 budgeted for this position. He will serve as Assistant Professor (Full-time) in the Department of Chemistry. (RBC 94)

3. Change the status of Stanley E. Ball (tenure) from Assistant Professor (Full-time) to Assistant Professor (3/4 Time) effective October 1, 1973 for the remainder of the 1973 Fall Semester, at his full-time nine-months rate of \$12,408.00 and lapse to Unallocated Salaries - Faculty \$1,206.34 budgeted for this position. He will also serve as Associate Director (1/4 Time) in Region XIII-TCIES/SISP Project. (RBC 162)

4. Appoint Olga Mapula (non-tenure) as Lecturer (1/4 Time) effective October 1, 1973 for the remainder of the 1973 Fall Semester, at a full-time nine-months rate of \$8,226.00 with the necessary funds in the amount of \$800.00 to come from Unallocated Salaries - Faculty. (RBC 165)

COLLEGE OF LIBERAL ARTSCriminal Justice Program

5. Appoint Robert Minnie (non-tenure) as Lecturer (1/4 Time) effective September 1, 1973 for the 1973 Fall Semester, at a full-time nine-months rate of \$5,600.00 with the necessary funds in the amount of \$700.00 to come from the appropriation for Lecturers, Part-time. (RBC 151)

6. Appoint Chester McLaughlin (non-tenure) as Lecturer (1/4 Time) effective September 1, 1973 for the 1973 Fall Semester, at a full-time nine-months rate of \$5,600.00 with the necessary funds in the amount of \$700.00 to come from the appropriation for Lecturer, Part-time. (RBC 152)

English

7. Correct the appointment as shown on RBC 60 of Katherine A. Heinemann (non-tenure), Instructor, to be effective September 1, 1973 for the 1973-74 Long Session, at a nine-months rate of \$8,479.00 with the necessary additional funds in the amount of \$4,343.00 to come from Unallocated Salaries - Faculty. (RBC 164)

Linguistics

8. Transfer of Funds:

From: College of Liberal Arts - Travel for All	\$430.00
Departments	430.00
To: Wages	
For: Transfer between departments and dissimilar	
appropriations to allow the Department of	
Linguistics to use their allocated travel	
funds to pay wages for students. (RBC 158)	

Music

9. Accept the resignation of Valentin Froman (non-tenure), Instructor (part-time), effective before September 1, 1973, and lapse to Unallocated Salaries - Faculty \$1,484.00 budgeted for this position. (RBC 150)

10. Appoint Debbie Moore (non-tenure) as Instructor (4/25 Time) effective September 1, 1973 for the 1973 Fall Semester, at a full-time nine-months rate of \$7,500.00 with the necessary funds in the amount of \$600.00 to come from Unallocated Salaries - Faculty. (RBC 153)

RESIDENT INSTRUCTION (CONTINUED)COLLEGE OF LIBERAL ARTS (CONTINUED)Music (Continued)

11. Appoint Rene Segapelli (non-tenure) as Instructor (4/25 Time) effective September 1, 1973 for the 1973 Fall Semester, at a full-time nine-months rate of \$7,500.00 with the necessary funds in the amount of \$600.00 to come from Unallocated Salaries - Faculty. (RBC 154)

Sociology

12. Reappoint Lydia R. Aguirre (non-tenure) as Lecturer (3/10 Time) effective September 1, 1973 for the 1973-74 Long Session, at a full-time nine-months rate of \$12,408.00 with the necessary funds in the amount of \$3,722.00 to come from Unallocated Salaries - Faculty. She will also serve as Lecturer (7/10 Time) in the Undergraduate Social Welfare Training Project. (RBC 148)

COLLEGE OF SCIENCEChemistry

13. Change the status of Joseph W. Scruggs (tenure) from Assistant Professor (1/2 Time) to Assistant Professor (Full-time) effective September 1, 1973 for the 1973-74 Long Session, at his full-time nine-months rate of \$11,374.00 with the necessary additional funds in the amount of \$5,687.00 to come from Unallocated Salaries -- Faculty. (RBC 95)

CONTRACT RESEARCH AND SERVICESVeterans Administration Contract V349V-2244 - V.A. Counseling - FY 73

14. Reappoint Frances Z. Mason as Counseling Psychologist effective September 1 through December 31, 1973, at her annual rate of \$12,600.00 with the necessary funds in the amount of \$4,200.00 to come from budgeted salaries for this contract. (RBC 146)

HEW Grant OEG-0-73-1-1267 (715) - Teacher Corps, 8th CYC, 1st Yr. In-Service

15. Appoint Barbara E. Burgess as Teacher effective October 5 through December 31, 1973, at an annual rate of \$5,400.00 with the necessary funds in the amount of \$1,291.94 to come from budgeted salaries for this grant. (RBC 157)

OEO Grant 60868-G - High School Equivalency Program - 7th Year

16. Appoint Pablo Romero as Head Resident Counselor effective September 19 through November 30, 1973, at an annual rate of \$5,784.00 with the necessary funds in the amount of \$1,156.80 to come from budgeted salaries for this grant. He will also receive room and board valued at \$110.00 per month. (RBC 147)

17. Appoint Mary E. Holland as Assistant Female Resident Counselor effective October 6 through November 30, 1973, at an annual rate of \$3,840.00 with the necessary funds in the amount of \$588.39 to come from budgeted salaries for this grant. She will also receive room and board valued at \$110.00 per month. (RBC 159)

18. Correct the annual rate of Jeannette Peters, Literature Teacher, effective September 1 through November 30, 1973, from \$7,104.00 to \$6,912.00 and lapse to unencumbered salaries \$48.00 budgeted for this position. (RBC 160)

State Department of Public Welfare - Undergraduate Social Welfare Training Project

19. Reappoint Lydia R. Aguirre as Lecturer (7/10 Time) effective September 1, 1973 through May 31, 1974, at her full-time nine-months rate of \$12,408.00 as Lecturer of Sociology with the necessary funds in the amount of \$8,686.00 to come from budgeted salaries for this contract. She will also serve as Lecturer (3/10 Time) in the Department of Sociology. (RBC 149)

Region XIII - TCIES/SISP Project

20. Appoint Stanley E. Ball as Associate Director (1/4 Time) effective October 1, 1973 through January 15, 1974, at his full-time nine-months rate of \$12,408.00 as Assistant Professor of Curriculum and Instruction with the necessary funds in the amount of \$1,206.34 to come from budgeted salaries for this grant. He will also serve as Assistant Professor (3/4 Time) in the Department of Curriculum and Instruction. (RBC 163)

AUXILIARY ENTERPRISESHousing System - TWC Village

21. Appoint Charles R. Stephenson as Manager-Married Student Housing (Part-time) effective September 1, 1973 through August 31, 1974, at a rate of \$1,200.00 with the funds to come from the vacant position of Student Housing Representative (Part-time in the same amount. He will also receive rent valued at \$100.00 per month. (RBC 161)

THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN

December 6, 1973

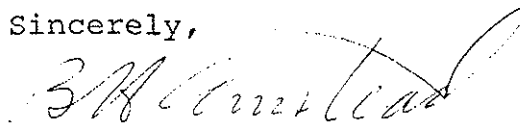
Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the February 1, 1974 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,



B. H. Amstead
President

THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
February 1, 1974 Meeting

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL)

The following contract has been executed in behalf of The University of Texas of the Permian Basin. I recommend approval and ratification.

1. Amendment to Lease (UPB-4663L) between The University of Texas of the Permian Basin and Industrial Sites, Inc. of Ector County, covering warehouse space for the period December 15, 1972, through August 15, 1974. The lease is modified by adding 4200 sq. ft. space @ .0583¢ per sq. ft. per month or a total of \$244.86 per month effective October 26, 1973. This change results in the lease now covering a total of 12,981.58 square feet space at \$769.86 per month. Source of funds: Space Rental Account.

~~400~~

THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
February 1, 1974 Meeting

RECOMMENDED AMENDMENTS TO THE 1973-74 BUDGET

GENERAL ADMINISTRATION:

Office of the Vice President for Business Affairs

1. Transfer \$5,062.00 from Office of the Director of Purchasing, Classified Salaries, to Office of the Vice President for Business Affairs, Classified Salaries to provide additional funds needed for the appointment of Mrs. Alice Helen Brown as Administrative Assistant from 9/1/73 - 8/31/74, .5000 time at full-time rate of \$10,308.00.

In reorganization, Mrs. Brown was transferred from Administrative Assistant, Office of the Director of Purchasing, (.5000). Mrs. Brown has maintained the status of Administrative Assistant, College of Science and Engineering (.5000). (RBC #155)

Accounting Division

2. Terminate Mr. Derrell F. Cleghorn, Jr., as Director of Accounting (Code 1000), Accounting Division, effective close 12/11/73. (RBC #160)

Office of the Director of Purchasing

3. Appoint Dr. Milton D. Vaughn as Director of Administrative Services, (Code 1000) Office of the Director of Purchasing for the period of 10/1/73 - 8/31/74, 1/3 time 10/1/73 - 5/31/74, full-time 6/1/74 - 8/31/74, at a full-time salary rate \$20,500.00 for a 12-month period. (RBC #158)

RESIDENT INSTRUCTION:

Office of the Dean, College of Management

4. Terminate Dr. Milton D. Vaughn as Assistant Dean (Code 1000), College of Management, 1/3 time 10/1/73 - 5/31/74, full-time 6/1/74 - 8/31/74, at a full-time salary rate of \$20,500.00, effective close 9/30/73.

Dr. Vaughn transferred to Office of the Director of Purchasing as Director of Administrative Services. (RBC #157)

5. Change the status of Mrs. Theresia Trotter from Administrative Secretary (Code 9040), at an annual salary rate of \$6,672 to Administrative Assistant (Code 9070), at an annual salary rate of \$8,724, Office of the Dean, College of Management, effective 11/12/73 - 8/31/74.

Source of Funds: \$4,699 encumbered in Classified Salaries, \$352.11 will come from the Emergency Employment Act Grant and \$1,952.30 will be transferred from Administrative Salaries. (RBC #159)

Faculty, College of Arts and Education

6. Change the status of Dr. Robert Gerry (without tenure) from Lecturer, Pedagogical Studies to Associate Professor of Pedagogical Studies, with no change in full-time salary rate of \$12,450.00 for 9 months, .67 time for 9/1/73 - 5/31/74. Dr. Gerry also serves as Associate Director of Learning Resources Center for Instructional Media. (RBC #156)

THE UNIVERSITY OF TEXAS AT SAN ANTONIO
Office of the President
December 6, 1973

Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the February 1, 1974 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Yours very truly,



Peter T. Flawn

THE UNIVERSITY OF TEXAS
AT SAN ANTONIO
GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL)
February 1, 1974



GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL): Approval is requested for the following:

1. Extension of an Agreement between the Texas A & M Foundation and The University of Texas at San Antonio. This extension agreement will provide \$4,150.96 in additional funds for the period January 1, 1974 through June 30, 1974. The former Agreement expired on December 31, 1973. The full amount of this award will be expended in Bexar County, Texas.

THE UNIVERSITY OF TEXAS
AT SAN ANTONIO
GRANTS, CONTRACTS AND AGREEMENTS (STATE)
February 1, 1974

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GRANTS, CONTRACTS AND AGREEMENTS (STATE): Approval is requested for the following:

1. Interagency Cooperation Contract No. (74-75)-465, between The University of Texas at San Antonio and The University of Texas Health Science Center at San Antonio, signed by E. M. Mahon, Vice President for Business Affairs, whereby The University of Texas at San Antonio agrees to provide meeting rooms at its Lutcher Center for conferences and meetings at a time mutually agreeable to both agencies. Contract period is from November 1, 1973 through August 31, 1975. Cost shall be in accordance with the Lutcher Center's schedule of rates effective at date of meeting.
2. Amendment No. 2 to Interagency Cooperation Contract No. (72-73)-577, between The University of Texas Medical School at San Antonio and The University of Texas at San Antonio, signed by E. M. Mahon, Vice President for Business Affairs. This amended agreement provides an increase in the amount of the contract from \$20,000.00 to \$25,000.00 for the fiscal year 1972-73 for specified supplies and services. All other items of the contract remain unchanged.

THE UNIVERSITY OF TEXAS
AT SAN ANTONIO
GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL)
February 1, 1974

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GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL): Approval is requested for the following:

1. Memorandum of Understanding between The University of Texas at San Antonio and the United States Air Force (Lackland Air Force Base, Texas) dated September 24, 1973 in which the United States Air Force agrees to furnish to The University of Texas at San Antonio space and services for educational programs. The University of Texas at San Antonio agrees to provide the necessary faculty and services to conduct degree directed courses in academic areas mutually acceptable.
2. Memorandum of Understanding between The University of Texas at San Antonio and the United States Air Force School of Aerospace Medicine (Brooks Air Force Base, Texas) dated October 31, 1973, in which the United States Air Force agrees to provide laboratory equipment, facilities, and services for use by the faculty and students of The University of Texas at San Antonio for research purposes.

THE UNIVERSITY OF TEXAS
AT SAN ANTONIO
RECOMMENDED AMENDMENTS TO THE 1973-74 BUDGET
 February 1, 1974

Approval is requested for the following:

RESIDENT INSTRUCTION

College of Sciences and Mathematics

Division of Earth and Life Sciences

1. Appoint Dr. J. Homer Ferguson (tenure) to additional duties as Director of Pre-Professional Education Planning for the Medical and Dental Sciences (code 1000) effective December 1, 1973 through May 31, 1974 without change in salary. Dr. Ferguson will continue as Professor and Director at an academic salary rate of \$18,675.00 for nine months. (RBC 48)

LIBRARY

2. Increase the annual salary rate of Dr. Michael F. Kelly, Director of the Library, from \$22,600.00 to \$23,600.00, effective November 1, 1973. Funds for this increase are available in the Administrative and Professional Salaries account. Dr. Kelly also serves as Director of the Office of Instructional Services (without salary). (RBC 42)

BUDGET TRANSFERS

3. Transfer of Funds

Amount of Transfer: \$8,000.00

From:	Physical Plant - Unallocated, Maintenance and Operation	\$ 8,000.00
To:	Physical Plant (Building Maintenance), Maintenance and Operation	\$ 8,000.00
For:	To provide the additional funds required by this department to meet its operational needs. (RBC 40)	

4. Transfer of Funds

Amount of Transfer: \$66,000.00

From:	Credit for Copier Services	\$ 9,000.00
	Credit for Computer Center Services	57,000.00
To:	Other Operating Expenses (Copier Services)	
	Purchase of Materials for Resale	\$ 7,000.00
	Equipment Rental	2,000.00
	Other Operating Expenses (Computer Center Services)	
	Maintenance and Operation	57,000.00
For:	To increase the funds available for these Service Departments' Maintenance and Operation and Equipment Rental accounts to enable them to meet their recurring expense obligations. Funds to be derived via additional income from departments for services rendered. (RBC 44 and RBC 45)	

RECOMMENDED AMENDMENTS TO THE 1973-74 BUDGETBUDGET TRANSFERS (continued)5. Transfer of Funds

Amount of Transfer: \$41,642.33

From: College of Fine and Applied Arts, Division of Art and Design Faculty Salaries	\$10,964.00
College of Humanities and Social Sciences, Division of Social Sciences Faculty Salaries	15,600.00
College of Multidisciplinary Studies, Division of Environmental Studies Faculty Salaries	15,078.33
To: Unallocated - Faculty Salaries	\$41,642.33
For: To lapse unused faculty salaries to an unallocated account. (RBC 47)	

6. Transfer of Funds

Amount of Transfer: \$52,880.00

From: Unallocated - Including Special Equipment	\$52,880.00
To: Office of Instructional Services Equipment	\$ 6,900.00
Library Equipment	45,980.00
For: To provide the funds necessary to purchase additional library stacks and audio equip- ment for these departments which are needed to support our interim teaching facilities. (RBC 46)	

7. Transfer of Funds

Amount of Transfer: \$81,170.77

From: Office of General Services Classified Salaries	\$16,345.10
Unallocated - General Administration Classified Salaries	13,220.78
Unallocated - Faculty Salaries	2,820.00
Unallocated - Departmental Operating Expense	18,555.54
Unallocated - Instructional Administration Physical Plant - Unallocated Maintenance and Operation	4,341.35
	25,888.00
To: Office of Accounting Classified Salaries	\$23,825.54
Purchasing Department Classified Salaries	5,740.34
Division of Environmental Studies Classified Salaries	2,820.00
Division of Continuing Education Classified Salaries	4,341.35
Office of Instructional Services Classified Salaries	18,555.54
Physical Plant (General Services) Classified Salaries	7,000.00
Physical Plant (University Police) Classified Salaries	18,888.00
For: To provide the necessary salary funds for these departments to meet their staffing and operational responsibilities. (RBC 37, RBC 38, RBC 39, RBC 41, RBC 43)	

1837
File
Misc
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UT SAN ANTONIO GRADUATE CATALOG: Approval is requested for the attached 1974-75 revised Graduate Catalog. The changes involve the addition and revision of courses, the modification of degree programs, and a considerable amount of re^{organizing}ordering of catalog contents. To display the changes in the "congressional format" would, in our judgment, be more confusing than helpful. Therefore, we are submitting this presentation of the full text of the new catalog.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO

GRADUATE CATALOG 1974-75

BULLETIN

GRADUATE CATALOG

With respect to the admission and education of students, with respect to the employment and promotion of teaching and nonteaching personnel, with respect to student and faculty activities conducted on premises owned or occupied by any component institution of The University of Texas System, and with respect to student and faculty housing situated on premises so owned or occupied, neither The University of Texas System nor any of its component institutions will discriminate either in favor of or against any person on account of his or her race, creed, color, or sex.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO BULLETIN
Published Monthly by The University of Texas at San Antonio
Volume I January 1974 Number 2

Second Class Postage Paid at San Antonio, Texas

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

PREFACE

The development of The University of Texas at San Antonio and its academic programs during 1973-74 has made necessary the present revision of the Graduate Catalog. Since publication of its first Catalog in the spring of 1973, The University's faculty and student body have increased significantly. For example, more than 700 graduate students registered at UT San Antonio in June of 1973, and more than 1100 registered in the fall of the same year. From these students The University received its first hard information on student demand for courses, degree programs, and certificate programs.

The unexpectedly heavy graduate enrollment, while gratifying, required The University to appoint additional faculty for certain academic programs, to increase course offerings in all academic areas, and to initiate degree and certificate programs originally planned for later implementation. Additional classroom space to accommodate the needs of faculty and students has been acquired.

The 1974-75 Graduate Catalog thus reflects the degree of growth and change that The University of Texas at San Antonio has experienced as a developing metropolitan university.

PETER T. FLAWN
President

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

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THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

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THE UNIVERSITY OF TEXAS SYSTEM
BOARD OF REGENTS

A. G. McNeese, Jr., Chairman
Dan C. Williams, Vice-Chairman
Betty Anne Thedford, Secretary

TERMS EXPIRE JANUARY, 1975

Frank C. Erwin, Jr. Austin
Jenkins Garrett Fort Worth
Dan C. Williams Dallas

TERMS EXPIRE JANUARY, 1977

Mrs. Lyndon B. Johnson Stonewall
A. G. McNeese, Jr. Houston
Joe T. Nelson, M.D. Weatherford

TERMS EXPIRE JANUARY, 1979

James E. Bauerle, D.D.S. San Antonio
Edward Clark Austin
Allan Shivers Austin

SYSTEM ADMINISTRATION

Charles A. LeMaistre, Chancellor

E. D. Walker
Deputy Chancellor for Administration

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

THE UNIVERSITY OF TEXAS AT SAN ANTONIO

ADMINISTRATIVE OFFICERS

- Peter T. Flawn President
- Kenneth H. Ashworth Executive Vice President
- Beverly J. Gibbs Vice President for Academic Affairs
- Everitt M. Mahon Vice President for Business Affairs
- Richard E. W. Adams Dean, College of Humanities and Social Sciences
- E. Douglas Hodo Dean, College of Business
- Joseph Michel Dean, College of Multidisciplinary Studies
- Jacinto Quirarte Dean, College of Fine and Applied Arts
- Bernard P. Sagik Dean, College of Sciences and Mathematics
- William C. Lindley Dean, Division of Continuing Education
- Tomás Rivera Associate Dean, College of Multidisciplinary Studies
- Milo W. Kearney Assistant Dean for Certification and Teacher Placement,
College of Multidisciplinary Studies
- Dora G. Grossenbacher Dean of Students
- Michael F. Kelly Director of Libraries
- Richard L. Lewis Director of Admissions and Registrar
- A. W. Hunt Director of Management Information Systems

DIVISION DIRECTORS

COLLEGE OF BUSINESS

- Dale B. Truett Division of Accounting and Business Data Systems
- William D. Litzinger Division of Economics and Finance
- William D. Litzinger Division of Management

COLLEGE OF FINE AND APPLIED ARTS

- Leonard Lehrer Division of Art and Design
- Gordon Lamb Division of Music

COLLEGE OF HUMANITIES AND SOCIAL SCIENCES

- Alan E. Craven Division of English, Classics, and Philosophy
- Ricardo F. Benavides Division of Foreign Languages
- Thomas C. Greaves Division of Social Sciences

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

COLLEGE OF MULTIDISCIPLINARY STUDIES

Albar Peña	Division of Bicultural-Bilingual Studies
Robert T. Alciatore	Division of Education
Chia Shun Chih	Division of Environmental Studies

COLLEGE OF SCIENCES AND MATHEMATICS

	Division of Allied Health Professions
	Division of Earth and Life Sciences
Stanley G. Wayment	Division of Mathematics and Systems Design
	Division of Physical Sciences

FACULTY

COLLEGE OF BUSINESS

Division of Accounting and Business Data Systems

Leslie L. McNelis, Associate Professor, B.B.A., University of Oklahoma;
M.B.A., University of Tulsa; Ph.D., University of Oklahoma

Division of Economics and Finance

E. D. Hodo, Professor, B.B.A., M.S., Ph.D., University of Mississippi

Frank R. Keller, Visiting Professor, A.B., Stanford University; M.A.,
San Jose State College; M.B.A., Stanford Graduate School of Business;
D.B.A., Harvard Graduate School of Business

Dale B. Truett, Professor, B.A., Purdue University; M.A., Ph.D., The
University of Texas at Austin

Antonio Furino, Associate Professor, B.A., M.A., Ph.D., University of
Houston

Division of Management

A. W. Hunt, Jr., Professor, B.S., M.S., Baylor University; Ph.D., The
University of Texas at Austin

William D. Litzinger, Professor, B.S., New York University; M.B.A.,
University of Pennsylvania; D.B.A., University of Southern California

Paul N. Bartlett, Jr., Associate Professor, B.A., Lamar State University;
M.A., Louisiana State University; J.D., The University of Texas at
Austin

C. Ray Gullett, Associate Professor, B.B.A., M.B.A., North Texas State
University; Ph.D., Louisiana State University

Richard B. Wadsworth, Associate Professor, B.S., Texas A&M University;
M.S., Ph.D., University of Arizona

Patricia L. Burr, Assistant Professor, B.B.A., North Texas State
University; M. A., Texas Woman's University; Ph.D., North Texas State
University

Charles D. Porterfield, Instructor, B.A., M.B.A., North Texas State
University

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

COLLEGE OF FINE AND APPLIED ARTS

Division of Art and Design

Leonard Lehrer, Professor, B.F.A., Philadelphia College of Art; M.F.A., University of Pennsylvania

Jacinto Quirarte, Professor, B.A., M.A., San Francisco State College; Ph.D., Universidad Nacional Autónoma de México

Division of Music

Gordon H. Lamb, Professor, B.M.E., Simpson College; M.M., University of Nebraska; Ph.D., University of Iowa

COLLEGE OF HUMANITIES AND SOCIAL SCIENCES

Division of English, Classics and Philosophy

Alan E. Craven, Professor, A.B., M.A., Ph.D., University of Kansas

Curtis W. Hayes, Associate Professor, B.A., M.A., California State University at Long Beach; Ph.D., The University of Texas at Austin

John A. Stoler, Associate Professor, B.A., Ripon College; M.A., San Francisco State University; Ph.D., University of Arizona

Division of Foreign Languages

Ricardo F. Benavides, Professor, B.A., M.A., Universidad de Chile; Ph.D., Universidad Central de Madrid

Beverly J. Gibbs, Professor, B.A., M.A., University of Michigan at Ann Arbor; Ph.D., University of Wisconsin at Madison

Joseph Michel, Professor, B.A., De LaSalle College; M. A., Universidad Nacional Autónoma de México; Ph.D., University of New Mexico

Tomás Rivera, Professor, B.S., M.Ed., Southwest Texas State University; M.A., Ph.D., University of Oklahoma

R. Joe Campbell, Associate Professor, B.S., Eastern Illinois University; M.A., Ph.D., University of Illinois

Frank Pino, Jr., Associate Professor, B.A., M.A., Arizona State University; Ph.D., Northwestern University

Division of Social Sciences

Richard E. W. Adams, Professor, B.A., University of New Mexico; M.A., Ph.D., Harvard University

Thomas C. Greaves, Professor, B.A., University of Washington; Ph.D., Cornell University

Félix D. Almaraz, Jr., Associate Professor, B.A., M. A., St. Mary's University; Ph.D., University of New Mexico

Thomas R. Hester, Assistant Professor, B.A., The University of Texas at Austin; Ph.D., University of California at Berkeley

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

Michael H. Jost, Assistant Professor, B.A., M.A., Arizona State University; Ph.D., Texas Christian University

Woodruff D. Smith, Assistant Professor, A.B., Harvard University; A.M., Ph.S., University of Chicago

María-Luisa Urdaneta, Assistant Professor, B.A., M.A., The University of Texas at Austin

COLLEGE OF MULTIDISCIPLINARY STUDIES

Division of Education

Robert T. Alciatore, Professor, A.B., Ph.L., Spring Hill College; S.T.L., St. Louis University; Ph.D., University of Minnesota

Kenneth H. Ashworth, Professor, B.A., The University of Texas at Austin; M.P.A., Syracuse University; Ph.D., The University of Texas at Austin

Thomas J. Cleaver, Professor, B.S., M.Ed., Prairie View A&M College; Ph.D., The University of Texas at Austin

Dewey D. Davis, Professor, B.S., Edinboro State College; M.Ed., Ph.D., The University of Texas at Austin

Milo E. Kearney, Professor, B.S., Kansas City Teachers College; M.A., University of Missouri at Kansas City; Ed.D., Columbia University Teachers College

Wayne W. Laughery, Professor, B.A., M.A., San Diego State College; Ed.D., Columbia University Teachers College

Elwood B. Traylor, Professor, A.B., Greenville College; M.A., Ph.D., Washington University at St. Louis

Paul H. Westmeyer, Professor, B.S., M.A., Ball State University; Ed.D., University of Illinois

Stephen W. Brown, Associate Professor, B.A., Northeast Louisiana University; M.Ed., Louisiana State University; Ed.D., Mississippi State University

Larrie E. Gale, Assistant Professor, B.A., M.A., San Diego State College; Ph.D., University of Utah

Simon L. Orta, Assistant Professor, B.S., Southwest Texas State University; M.S., University of Nebraska at Omaha; Ph.D., University of Nebraska at Lincoln

Berry N. Sutherland, Assistant Professor, B.S., The University of Texas at Austin; M.S., Ed.D., University of Houston

Kenneth W. Wunderlich, Assistant Professor, B.A., Ph.D., The University of Texas at Austin

Division of Bicultural-Bilingual Studies

Albar A. Peña, Professor, B.S., The University of Texas at Austin; M.A., Texas A&I University; Ph.D., The University of Texas at Austin

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

Peter A. Helfert, Associate Professor, B.A., University of Kansas; M.A., Columbia University Teachers College; Ph.D., The University of Texas at Austin

Division of Environmental Studies

Chia Shun Shih, Professor, B.S., Taiwan, C.K. University; M.S., Ph.D. The University of Texas at Austin

J. Leland Hepworth, Associate Professor, B.S., Utah State University; M.S., University of Idaho; Ph.D., Oklahoma State University

Richard R. Tangum, Assistant Professor, B.A., Texas Tech University; M.A., Virginia Polytechnic Institute; D.E.D., Texas A&M University

COLLEGE OF SCIENCES AND MATHEMATICS

Division of Allied Health

M. Neal Guentzel, Assistant Professor, B.A., M.A., Ph.D., The University of Texas at Austin

Division of Earth and Life Sciences

J. Homer Ferguson, Professor, B.S., Sul Ross State University, Ph.D. University of Arizona

Bernard P. Sagik, Professor, B.S., College of City of New York; M.S., Ph.D. University of Illinois

Theodore D. McKinney, Associate Professor, B.S., University of Arizona; M.S., Colorado State University; Ph.D., Virginia Polytechnic Institute

Helen V. Oujesky, Associate Professor, B.A., B.S., Texas Woman's University; M.A., Texas Christian University; Ph.D., Texas Woman's University

Paul H. Rodríguez, Assistant Professor, B.S., Creighton University; M.S., University of New Mexico; Ph.D., University of Rhode Island

Division of Mathematics and Systems Design

Stanley G. Wayment, Professor, B.S., Brigham Young University; M.S., University of Utah; M.S., Stanford University; Ph.D., University of Utah

William B. Gearhart, Associate Professor, B.S., M.S., Ph.D., Cornell University

Lucio Tavernini, Associate Professor, B.S., Heald Engineering College; M.S., University of Colorado; M.S., Ph.D., University of Wisconsin at Madison

David G. Tabor, Assistant Professor, B.S., The University of Texas at Arlington; M.S., Ph.D., New Mexico State University

Thomas H. Woteki, Instructor, B.S., M.S., Virginia Polytechnic Institute

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)Division of Physical Sciences

Charles Howard, Professor, B.S., Ph.D., University of Wisconsin at Madison

Richard F. Sweet, Associate Professor, B.S., Spring Hill College; M.A., Ph.D., The University of Texas at Austin

History

On June 5, 1969, the legislative act creating The University of Texas at San Antonio as a semi-autonomous component institution of The University of Texas System was signed into law by the Governor. By this legislation directing that The University of Texas at San Antonio offer "courses leading to such customary degrees as are offered at leading American universities," the Legislature of the State of Texas established a new public institution of higher learning that would serve both undergraduate (lower and upper division) and graduate students almost from its inception. The legislation further stipulated that The University be "one of the first class."

In May, 1970, the Board of Regents of The University of Texas System accepted a gift of approximately 600 acres of wooded land located sixteen miles northwest of the center of San Antonio to serve as the permanent site for The University of Texas at San Antonio campus. The Regents then appointed as The University's first President Dr. Arleigh B. Templeton, and administrative and planning offices shortly thereafter were established in the former Maison Blanche building on the grounds of HemisFair Plaza.

By the end of 1970, a master conceptual plan for the permanent campus was approved by the Board of Regents, and by June, 1971, final plans and specifications for the first seven permanent buildings of the campus were completed. After completion of site development work, construction contracts were awarded in May, 1972, calling for a completion date of May, 1974, subsequently revised because of construction delays to spring 1975.

In January 1972, new, temporary administrative quarters were acquired in northwest San Antonio in the Koger Executive Center's San Jacinto Building at the intersection of Loop 410 and Babcock Drive. Other UT San Antonio

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

temporary facilities in the Koger Center include a classroom-office building (the Goliad Building), additional office space in the Austin and Brazos Buildings. These facilities will be occupied by The University until completion of the permanent campus.

In the spring of 1972 the Board of Regents of The University of Texas System and the Coordinating Board, Texas College and University System, gave approval to UT San Antonio's academic organization of five Colleges with seventeen Divisions and to its proposed forty-one degree programs.

In further action by the Board of Regents in January 1973, Dr. Peter T. Flawn, formerly Executive Vice President of The University of Texas at Austin, was named President of The University of Texas at San Antonio.

Graduate courses were offered for the first time in June 1973. The projected opening of The University of Texas at San Antonio to undergraduate students is September 1975.

Purpose and Philosophy

The major purpose of The University of Texas at San Antonio is to respond, in a climate of intellectual freedom and with academic programs of the highest quality, to the educational needs of its multiple constituencies. These include its students and faculty, the multicultural community of metropolitan San Antonio and the South Texas region, the State of Texas, the nation, and the people of other countries. The University is committed to excellence in teaching and scholarship and to flexibility in academic programs and instructional approaches, as it seeks to guide individual students toward achievement of their maximum potential.

Through programs of a multidisciplinary character, UT San Antonio strives to eliminate the isolation of disciplines and to reflect the integrated nature of societal issues and problems. To achieve this goal The University anticipates close collaboration with the other two component institutions of The UT System located in San Antonio, the Health Science Center (composed

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

of the Medical School, the Dental School, the Graduate School of Biomedical Sciences, the School of Allied Health) and The University of Texas School of Nursing at San Antonio (a branch of The UT System School of Nursing).

For the added benefit of students, faculty, and community UT San Antonio is committed to cooperative planning with the institutions of higher education in San Antonio and the surrounding region. High priority is also given to cooperation between The University and the San Antonio community which includes mutual accessibility of library resources; provision of internships with local professions and businesses; continuing education institutes, seminars, and special activities; and utilization of local, non-university personnel of special talents and abilities to enrich classroom instruction.

Providing intellectual, cultural, and economic opportunities to its multiple constituencies is perhaps the greatest challenge presented The University of Texas at San Antonio.

Organization

The University of Texas at San Antonio is a component institution of The University of Texas System. Its government is vested in the nine-member Board of Regents of The University of Texas System, whose members are appointed by the Governor biennially, with the advice and consent of the Senate, for six-year staggered terms.

The Board of Regents delegates administrative authority to the Chancellor of The University of Texas System. The administrative authority of each component institution, such as The University of Texas at San Antonio, is in turn delegated to the President of that component.

Operational administration of the graduate (and undergraduate) programs of The University is the responsibility of the Deans of the five Colleges of The University. Instructional programs within the Colleges are organized by Division, headed by Division Directors.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)Accreditation

On July 1, 1973, The University of Texas at San Antonio was classified by the Southern Association of Colleges and Universities as a Candidate for Accreditation. This classification was confirmed by the Southern Association at its annual meeting on December 13, 1973. Since 1971 UT San Antonio had been classified as a Correspondent by the Southern Association. With this new classification, as with the previous one, there is no difficulty in the transfer of credits from UT San Antonio to other colleges and universities. Under Southern Association policy, The University is eligible for full accreditation in the Association in the spring in which its first class is graduated.

Calendar

The University of Texas at San Antonio operates on the semester system in accordance with the standard calendar of state-supported institutions of higher education in Texas. An academic year consists of two semesters with beginning and ending dates as specified below. Two summer sessions are also conducted, with credit awarded in semester hours.

Fall Semester, 1974

September 3-4	Tuesday-Wednesday. Registration.
September 5	Thursday. Classes begin.
September 10	Tuesday. Last day to drop a course without a grade. Last day to add a class. Last day for late registration.
September 16	Monday. Last day for students to withdraw and receive a partial refund of tuition and fees.
October 1	Tuesday. Deadline for Fall, 1974, graduates to apply for candidacy.
November 27	Wednesday. Last day to drop a course.
November 28-30	Thursday-Saturday. Thanksgiving Holidays.
December 18-20	Wednesday-Friday. Final Examinations.
December 20	Friday. Semester Closes.

Spring Semester, 1975

January 13-14	Monday-Tuesday. Registration.
January 15	Wednesday. Classes begin.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

January 20	Monday. Last day to drop a course without a grade. Last day to add a class. Last day for late registration.
January 27	Monday. Last day for students to withdraw and receive a partial refund of tuition and fees.
February 13	Thursday. Last day for Spring, 1975, graduates to apply for candidacy.
March 27-29	Thursday-Saturday. Spring recess.
April 9	Wednesday. Last day to drop a course.
April 30-May 2	Wednesday-Friday. Final Examinations.
May 2	Friday. Semester Closes.

Summer Session, 1975

First Session

June 2	Monday. Registration.
June 3	Tuesday. Classes begin.
June 4	Wednesday. Last day to drop a course without a grade. Last day to add a class. Last day of late registration.
June 6	Friday. Last day for students to withdraw and receive a partial refund of tuition and fees.
June 12	Thursday. Deadline for Summer I, 1975, graduates to apply for candidacy.
June 26	Thursday. Last day to drop a course.
July 4	Friday. Holiday.
July 10-11	Thursday-Friday. Final Examinations.
July 11	Friday. End of first summer session.

Second Session

July 14	Monday. Registration.
July 15	Tuesday. Classes begin.
July 16	Wednesday. Last day to drop a course without a grade. Last day to add a class. Last day of late registration.
July 18	Friday. Last day for students to withdraw and receive a partial refund of tuition and fees.
July 24	Thursday. Deadline for Summer II, 1975, graduates to apply for candidacy.
August 7	Thursday. Last day to drop a course.
August 21-22	Thursday-Friday. Final Examinations.
August 22	Friday. End of second summer session.

II. TUITION, FEES, CHARGES, PENALTIES AND DEPOSITS

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)Introduction

Students are not entitled to enter class or laboratory until their tuition, fees, and deposits have been paid.* Payment may be made by personal check for the exact amount due, provided the bank transit number is encoded thereon in compliance with revised Federal Reserve Bank regulations. Checks for larger amounts, the difference to be paid in cash to the student, cannot be accepted. In paying by check, students should exercise care. A bad check, whether given by mistake or otherwise, unless the admitted error of the bank concerned, is likely to delay actual payment and thus result in a penalty as outlined in the section on Bad Check Charges.

The University does not maintain a check cashing service for students. It is recommended that students establish checking accounts in local San Antonio banks before enrolling in order that they can easily cash checks in the city. Many local merchants will not cash out-of-town checks.

Tuition

Pursuant to House Bill 43, 62nd Legislature, tuition for all students registered at UT San Antonio will be as follows:

Residents of Texas pay tuition at the rate of \$4.00 per semester hour of credit; a minimum tuition of \$50.00 per semester and a minimum of \$25.00 per six weeks summer session.

Nonresidents (U.S. Citizens). Nonresidents who are citizens of the United States will be charged tuition at the rate of \$40.00 per semester hour of credit for which they are enrolled.

Foreign Students will be charged tuition at the rate of \$14.00 per semester hour of credit for which they are enrolled with a minimum of \$200.00 per semester; a minimum of \$100.00 per six weeks session.

*All tuition charges and fees are subject to change without notice.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

Exception: Tuition for resident or nonresident students registered in thesis credit only, and in those instances where such credit is the final credit-hour requirement for the degree in progress, is \$12.00 for residents of Texas and \$50.00 for nonresidents (U.S. citizens and international students).

Residence Regulations

A student entering The University of Texas at San Antonio for the first time, or a student re-entering The University after an absence of more than one semester, must file a completed residence questionnaire. The student's status as a resident or nonresident will be made in accordance with Chapter 54, Subtitle A, Title 3 of the Texas Education Code.* If the applicant is in any doubt about his status, he should consult the Director of Admissions and Registrar. Students who are legally classified as nonresidents of Texas must be prepared to pay the required tuition at the time of registration.

Required Student Service Fee

The amount charged is \$2.00 per semester hour for each regular semester (maximum of \$30.00 per semester) and \$1.00 per semester hour for each summer session. The fee covers maintenance and operation of a first aid room and limited emergency medical care, initial issuance of a student identification card, free or reduced admission fees to special lecture series, cultural events, film series and other special activities and/or services which may be provided for students.

Refunds of student service fees to students withdrawing are made on the same basis as refunds of tuition.

Degree Application Fee

A fee of \$8.00 is required of candidates for application for a degree. A receipt showing payment of or exemption from this fee must be presented

*A detailed description of the residence regulations is offered as Appendix A of this Catalog.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

to the respective Dean at the time the application is filed. This fee must be paid each time an application for a degree is filed and is not refundable.

Veterans attending The University under an exemption, as mentioned below, are not exempt from payment of this fee.

Late Registration Fee

A late registration fee of \$5.00 will be charged for the first day of late registration and an additional \$2.50 per day thereafter. This fee may be waived only in extenuating circumstances by the President or his delegate. The late registration fee is not refundable.

Bad Check Charge

A charge of \$5.00 will be assessed for each returned check to offset the cost of handling dishonored checks.

Replacement of Student Identification Card Charge

A charge of \$2.00 will be assessed for the issuance of a duplicate student identification card. This charge must be paid at the time the application for the duplicate is made.

Transcript Charge

A charge of \$1.00 per UT San Antonio transcript will be made. This fee must be paid before a transcript is issued.

Penalty for Payment of Tuition Under Incorrect Residency Classification

The responsibility of registering under the proper residence classification is placed upon the student. It is the student's duty at or before registration, if there is any possible question of his or her right to legal residence in Texas, to raise the question with the Registrar and resolve such questions prior to registration. There can be no change in residence classification except upon the expressed authorization of the Registrar.

Any student who wrongly pays the Texas, rather than the nonresident's, tuition is subject to a penalty of \$10.00 for each violation.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)Laboratory Fee

In certain courses a laboratory fee not to exceed the actual cost of materials and supplies and not less than \$2.00 nor more than \$8.00 may be charged. When a laboratory fee is charged the schedule of classes indicates the associated fee.

Charges for Auditing Courses

All auditors of courses must submit a Request for Audit Form to the Registrar. Auditors who are not registered UT San Antonio students must pay an auditing fee of \$10.00 per course. Non-student auditors who wish library privileges may receive them by paying a non-student library deposit (Limited Borrower's Deposit) of \$15.00 at the UT San Antonio Library. No additional auditing fees will be charged student auditors registered at UT San Antonio.

Permission to audit may be obtained and fees paid only during the late registration period.

Parking Fees

There is no parking fee required of students at the temporary UT San Antonio site located in the Koger Executive Center. Students who enroll in classes that are held at The University of Texas Health Science Center are required to pay the then current student parking fee in effect on that campus. Fees for parking on the new UT San Antonio campus will be established at a later date.

Duplicate Fee Receipt

A service charge of \$1.00 will be assessed for the issuance of a duplicate fee receipt. This charge must be paid at the time the application for a duplicate fee receipt is made.

General Property Deposit

Every student must make a general property deposit of \$10.00 at the time of initial registration to protect The University from losses such as

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

property loss or damage or breakage or violation of rules in any university library or laboratory, failure to return keys furnished by The University, or for damage or loss of any other university property. The records will be reviewed from time to time, and if charges have been made against the deposit, the student may be required to bring the deposit up to \$10.00.

The deposit will be refunded upon request, less outstanding charges, only when the student officially withdraws from school or graduates. A general property deposit which remains without call for refund for a period of four years from the date of last attendance at The University shall be forfeited, and the deposit shall become operative to the permanent use and purpose of Student Scholarships.

Exemption from Tuition and Fees

The Statutes of the State of Texas prescribe certain cases in which students can be exempted from tuition and/or certain fees. The various types of exemptions are described below; however, in each case it is the student's responsibility to initiate the action of applying for an exemption through the Registrar's Office and providing satisfactory evidence that all conditions required for the exemption have been met. Until such time as the exemption is granted, a student will be required to pay all tuition and fees from his or her own funds. Students who might be eligible for an exemption should apply for the exemption at the Registrar's Office at least one month prior to registration of the term in which they plan to utilize the exemption provision.

Exemption of Texas ex-servicemen. A legal resident of Texas is exempted from tuition and certain required fees when he meets all the following criteria:

1. He has resided in Texas for a period of not less than twelve (12) months prior to the date of registration.
2. He served in the armed forces or in certain auxiliary services in World War I, World War II, the Korean conflict, or the Cold War.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

If service was in the Cold War, he must have served on active military duty (other than for training) for more than 180 days.

3. He was a bona fide legal resident of the state at the time of entering service.
4. He was honorably discharged from service (those who served in World War II and who were discharged because of being over the age of thirty-eight or because of a personal request are not eligible for this exemption).
5. He is not eligible for education benefits provided for veterans by the United States Government.

Benefits for children of Texas veterans. Exemption from payment of tuition and certain fees extends to children of members of the armed forces who were killed in action or died while in the service in World War II or in the Korean conflict or in the Cold War and to orphans of members of the Texas National Guard and the Texas Air National Guard killed since January 1, 1946, while on active duty.

Exemption of children of certain disabled public employees. Children of certain firemen, peace officers, employees of the Texas Department of Corrections, and game wardens who have suffered injury resulting in death or disability sustained in the line of duty are exempt from payment of all tuition and laboratory fees.

Exemption of certain deaf and blind students. Blind or deaf persons who are Texas residents are, under certain conditions, exempt from payment of tuition and certain fees.

Exemption of high-school graduates of state orphanages of Texas. Citizens of Texas who are high-school graduates of the state orphanages of Texas are exempt from tuition and certain required fees.

Low income families. Under certain circumstances a student who is a resident of Texas, is under 25 years of age, who has resided in the state for

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

not less than twelve (12) months prior to registration, who meets certain academic requirements and whose family income was not more than \$4,800 (family income means the combined gross income of the applicant and his family, if he is single, or the combined gross income of his family, himself, and his spouse, if he is married) may be awarded an exemption from tuition and certain other fees. This exemption is not applicable if the tuition and fees are, or will be, paid by the United States Government or from funds other than those of the student, his family or his guardian.

Children of prisoners of war or persons missing in action. A dependent child under 21 years of age, or a person under 25 years of age who receives the majority of support from his or her parent or parents, is exempted from the payment of tuition and certain fees if he or she is the dependent child of any person who is a domiciliary of Texas on active duty as a member of the armed forces of the United States and who at the time of registration is classified by the Department of Defense as a prisoner of war or as missing in action.

Refund Policy and Adjustment of Fees for Students Withdrawing, Adding, or Dropping Courses

A student who officially withdraws from The University will receive a full refund of tuition and refundable fees paid only if he or she does so before the last official day of registration (not including those days designated as late registration).

In a long session, upon presentation to the Registrar of an official fee receipt showing payment of the fee and surrender of the student identification card, any student withdrawing officially a) after the last official day for registration but during the first week of classes of a semester will receive a refund of 70 percent of the applicable portion of the fee; b) during the second week, 60 percent; c) during the third week, 40 percent; d) during the fourth week, 20 percent; e) during the fifth week and thereafter, no refund. In a summer session a) after the last official day for registra-

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tion but during the first three class days, 70 percent; b) on fourth, fifth, or sixth class day, 50 percent; c) after sixth class day, no refund.

Tuition, applicable laboratory fees, and student service fees refunds will be made for courses dropped during the first twelve class days if the student paid more than the minimum required and has dropped below the total number of hours for which he or she originally was registered.

Tuition and laboratory fees for added courses must be paid regardless of the date added. No refunds will be made until 15 days have elapsed from the time fees were paid unless the fees were paid in cash or by money order. Refund checks will be mailed to the student's permanent address when the student withdraws from The University. Students entitled to refunds should allow ten working days after the fifteen-day clearing period for receipt of the refund.

The University reserves the right to deduct from the refund any outstanding financial obligations owed The University.

Debts Owed The University

In the event of non-payment of debts owed to The University, any of the following actions may be taken:

1. Denial of re-admission of the student.
2. Denial of further registration.
3. Withholding of official transcripts.
4. Withholding a diploma to which the student would otherwise be entitled.

When a student has any of the above actions against his or her record it is the student's responsibility to clear any obligations with The University and see that the Registrar's Office is notified before any additional services will be provided.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

A student who pays tuition and fees with a check which is not subsequently honored by a bank, and the fault not being that of the bank, and who does not make payment within five days will have registration for the term cancelled.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

III. INSTITUTIONAL POLICIES CONCERNING STUDENTS

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)Rules and Regulations of the Board of Regents

All students of The University of Texas at San Antonio are subject to the rules and regulations governing student discipline and conduct as set out in the Rules and Regulations of the Board of Regents of The University of Texas System.

The Regents' Rules have full force and effect as concern all UT San Antonio students. These rules may be consulted at the following locations on the campus.

Office of the Dean of Students
The University Library
Offices of all Deans
Offices of all Vice-Presidents
Office of the President

A student at the university neither loses the rights nor escapes the responsibilities of citizenship. He or she is expected to obey both the penal and civil statutes of this state and the federal government and the Rules and Regulations of the Board of Regents and the University.

Student Health Services

The University will provide no on-campus medical care while located at the Koger Executive Center at Babcock Road and Loop 410. A first aid room, however, is located in the Goliad Building, Room 134, 4203 Woodcock, which will be used solely as a holding facility and pick up point until arrangements can be made to transport a student to his home or to a doctor's office.

In case of accident or illness, please call the office of Dean of Students, extension 301 or 302, so that the first aid room can be made available. If the Dean of Students cannot be reached call Mr. Chávez, University Police Chief, on 307, or the Library. No regular attendant will be on duty at the first aid room.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

Students are advised to carry health and accident insurance. Out-of-town students should have documents to verify insurance coverage to avoid possible delays in obtaining medical treatment.

Counseling Services

A 24-hour counseling service is available to UT San Antonio students and their families. The service, staffed by clinical psychology residents at the UT Health Science Center and under the supervision of faculty, offers assistance with personal problems. For assistance call 224-1515 and leave your name and telephone number for a prompt call-back.

Financial Aids

Financial Aid provides qualified students an opportunity for higher education which otherwise might not be available to them. Such financial aid is available under certain circumstances to students from low to moderate income families and also to students from families with above average incomes. Family assets, the number of family dependents, and income must be analyzed in order to determine student eligibility and to calculate the amount of assistance for which a student will qualify. An analysis is processed by the College Scholarship Service from the Parents' Confidential Statement (for dependent students), or the Student's Financial Statement (for independent students). These forms may be obtained from high school counselors or from the Student Financial Aid Officer at any college or university. Since the analysis takes about six weeks to be returned to the institution where the student plans to apply for assistance, it is suggested that the student file the appropriate form early in the semester prior to the one in which he or she plans to enroll.

There are several student aid programs available at UT San Antonio, all designed to meet the many varied needs of students. Some of these are the College Work Study Program, the Hinson-Hazelwood College Student Loan Program, the State Scholarship Program for needy students, and the Federally Insured Loan Program. Eligible veterans are also encouraged to inquire about their veterans benefits.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

Since these programs contain different eligibility requirements, it is necessary for a student to seek guidance from his or her high school counselor or from the college or university financial aid representative. The financial aid officer, because of his understanding of the wide range of programs and the variation of individual needs, is the person best able to advise students on financial assistance.

University students who are currently enrolled at another institution and receiving financial aid at that school and who would like to enroll at UT San Antonio and continue receiving aid should contact The University's Student Financial Aid Office. Students may call 732-2141, extension 303 or 304, or they may write to the Office of Student Financial Aid and Placement, 4242 Piedras Drive East, Suite 250, San Antonio, Texas, 78284.

IV. ADMISSION REQUIREMENTS

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)Admission to a Graduate Degree Program¹

In order to be eligible for admission to a graduate degree program at The University of Texas at San Antonio an applicant must: (1) hold a baccalaureate degree from an accredited college or university in the United States or have proof of equivalent training at a foreign institution, (2) satisfy the grade point requirements specified below, (3) have completed a minimum of 18 semester hours (12 of which must be upper division) in the area in which the graduate degree is sought,² (4) be accepted by the College offering the degree program; (5) submit scores from the Graduate Record Examination³ (Aptitude test)-- applicants for the MBA program are required to submit scores from the Admission Test for Graduate Study in Business in lieu of the GRE, and (6) be in good standing at the last institution attended.

An applicant with a "B" (3.0) average on all work of upper-division (junior and senior) and graduate level previously taken will be considered to have satisfied the minimum grade point requirements for admission to a graduate program. Some applicants with less than a "B" average may be accepted upon special recommendation of the academic Deans. In such cases, standardized or University examinations may be required and admission may be with conditions.

¹Some graduate degree programs specify additional admission requirements. Refer to the specific degree descriptions or contact the office of the Division Director for any admission requirements in addition to the University-wide requirements listed here.

²For degree programs which are multidisciplinary in nature, an individual review of the applicant's background will be made by the Graduate Advisor for the program in question in order to ensure adequate preparation for graduate study.

³Information on the GRE and applications for the tests may be obtained from Educational Testing Service, Box 1502, Berkeley, California 94701. For the ATGSB, the address is Educational Testing Service, Princeton, New Jersey 08540. The institution code for The University of Texas at San Antonio is 6919-5 for the GRE and R6919 for the ATGSB.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

Students who desire to work toward a graduate degree in an area in which their undergraduate training is insufficient to permit full admission may be admitted with the understanding that they must undertake course work and other study to make up the deficiencies noted by the Graduate Advisor, and that such make-up work may be in addition to the regular degree requirements. When a student with less than the minimum grade point average is admitted on a conditional basis, special conditions may be assigned regarding the number of semester hours to be taken and a specific grade point average to be maintained. If these conditions are not met, the student may be barred from continuation in the graduate program.

Admission to a Teacher Certification Program at the Graduate Level*

In order to be eligible for admission to a teacher certification program at the graduate level, an applicant must: (1) hold a baccalaureate degree from an accredited college or university in the United States or have proof of equivalent training at a foreign institution, (2) be admitted to The University and have the approval of the Division of Education and other Divisions as appropriate to the certification program sought, (3) make application for a specific certificate program, (4) be a U.S. citizen, or have evidence of having made application for citizenship, (5) hold a valid teacher's certificate in Texas, (6) have a grade point average of 3.0 on a four point scale on upper division and graduate work or approval of the Office of Teacher Certification and Placement, (7) submit scores from the Graduate Record Examination (Aptitude Test)--applicants who will pursue a certificate program for teaching business at the secondary level may submit scores from the Admission Test for Graduate Study in Business in lieu of the GRE, and (8) be in good standing at the last institution attended.

*See Appendix B for a summary of Professional Certificate Programs and procedures and requirements relative to certification.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

Students applying for admission to the teacher certification programs at the graduate level must apply for admission to The University through the Admissions Office and for admission to the certificate program through the Office of Teacher Certification and Placement.

Admission as a Post-Baccalaureate Student

Students who do not wish to enter a graduate or certificate program or who are ineligible for graduate admission may be admitted as special students with the classification "post-baccalaureate." Post-baccalaureate students are eligible to take graduate courses for which they have the necessary prerequisites, provided they have the approval of the instructors and Deans of the Colleges in which the courses are offered. Credit earned as a post-baccalaureate student can be applied toward a Master's Degree or certificate only when approved by the Graduate Advisor and Dean of the College offering the degree program.

Students seeking admission as post-baccalaureate students are not required to meet the requirements for admission to a graduate degree or certificate program, but must hold a baccalaureate degree from an accredited college or university and be in good standing at the last institution attended. Post-baccalaureate students who later wish to enter a graduate degree program must meet all requirements for admission to a graduate or certificate program and make application to the Admissions Office.

Admission as a Transient Student

A student who intends to register for courses in the summer session only or during one semester only and who does not intend to work toward a degree at The University of Texas at San Antonio may apply for admission as a transient student. A degree statement and a statement of standing from the institution last attended will be required to support the application for admission.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

Transient students may register for any courses for which they have the necessary prerequisites and in which space is available. Students registered in this capacity cannot enroll in subsequent terms unless they have been admitted as regular students. To be admitted as a regular student, the transient student must apply for regular student status through the Admissions Office and meet The University's admission requirements.

Admission of International Students

The following admission requirements pertain to all applicants for admission who are not citizens of the United States and are in the United States on a student visa or visa other than one entitling them to immigrant status.

All applicants for admission as international students must:

1. Meet the admission requirements for all graduate students.
2. Submit a letter guaranteeing the student's ability to pay all expenses while a student at the University. The letter may be sent from a parent or guardian, a bank or other reliable institution, or a United States citizen who will accept responsibility for the student's financial needs.
3. Submit proof of adequate hospitalization insurance.
4. Submit scores from the Test of English as a Foreign Language (TOEFL).* (The code for The University of Texas at San Antonio is 6919.)
Subsequent English tests may be required upon arrival at the University if a student's performance indicates proficiency in English is unsatisfactory. TOEFL scores are not required for students from countries where the primary language is English, or from graduates of accredited United States high schools or colleges and universities.
5. International students on a student visa will not be admitted with post-baccalaureate status; to be admitted to The University of Texas at San Antonio these students must be seeking a graduate degree.

*Students needing to take this test should write to the Educational Testing Service, Box 899, Princeton, New Jersey, 08540, requesting information on taking the TOEFL.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

The above admission criteria serve as guidelines for admission for international students. All applicants will have their credentials examined on an individual basis by the Graduate Advisor for their degree programs with admission being granted only to those who show promise of success in university study in the United States and particularly at The University of Texas at San Antonio.

Application Dates

Students applying for admission as graduate, certificate, or post-baccalaureate students may apply for admission according to the schedule below. Application forms and instructions will be available from the Admissions Office beginning with the "earliest date to apply" indicated below. The completed application form and all required supporting documents must be on file with the Admissions Office no later than the "last day to apply" shown below.

<u>Term</u>	<u>Earliest Date to Apply</u>	<u>Last Day to Apply</u>
Fall Semester	February 15	August 15
Spring Semester	August 1	December 31
Summer Session I	January 15	May 15
Summer Session II	January 15	June 30

Admission Procedures

The procedures to be followed in applying for admission are explained on the Application for Admission form. Each applicant for admission is individually responsible for ensuring that all required support documents (e.g., application form, test results, required transcripts, immunization record, etc.) are on file in the Admissions Office, since admission will not be granted until the applicant's file is complete.

Students who apply for admission to The University of Texas at San Antonio for any term and do not register, must re-apply for admission if they wish to enroll at a later date. A subsequent application for admission must be in accordance with current admission requirements. New transcripts,

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

test scores, and all other supporting documents will be required since files for admitted students who do not register are not retained.

Re-admission Policies and Procedures

Students, other than transient students, who have previously been admitted and registered at The University of Texas at San Antonio as resident students and who were enrolled within 12 months prior to the beginning of any semester or summer session and who are scholastically eligible to return may re-enroll without applying for re-admission. Former students who have not been enrolled within 12 months prior to the anticipated date of return must submit an application for re-admission. The application form is available in the Admissions Office. All former students returning to UT San Antonio who have attended other institutions of higher education since they were last enrolled must submit an official transcript from each such institution. Eligibility for re-admission for any former student will depend on the academic status at the conclusion of the student's last UT San Antonio enrollment and any subsequent college or university work attempted.

Effect of Absence from the University

Every student returning to the University after an absence of more than one semester is required to file a residence questionnaire on a form furnished by the Registrar.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

V. GENERAL ACADEMIC REGULATIONS

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75, (Continued)Registration

All students who attend classes at The University of Texas at San Antonio must be officially registered.* Directions for the registration procedure are included in the schedule of classes for each term. Questions regarding registration should be directed to the Registrar's Office.

The University does not guarantee the availability of particular courses or sections thereof, since admission to classes will be permitted only until the maximum number of students allowable in any section has been reached. The University reserves the right to cancel any course or section in which the number of registrants does not warrant its continuation.

Student Classification System

Graduate: A student who is enrolled for courses to be applied toward a graduate degree and who has been admitted to the graduate degree program.

Certificate: A student who has been admitted to The University with approval of the Division of Education and other Divisions as appropriate to the certificate sought and who has been admitted to a certification program through the Office of Teacher Certification and Placement.

Post-Baccalaureate: A student who has at least a baccalaureate degree, but who is not enrolled in a graduate degree program.

Transient: A student who registers for courses in the summer session only

*Students are held individually responsible for meeting all requirements as indicated in this catalog. Failure to read and comply with policies, regulations and procedures will not exempt a student from whatever penalties he may incur.

The policies, regulations, and procedures stated in this catalog are subject to change without prior notice, if necessary, so that university policies are consistent with the policies of the Board of Regents of The University of Texas System.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

or during one semester only and who does not intend to work toward a degree at UT San Antonio.

Definition of a Full-time and a Part-time Graduate Student

A full-time graduate student (degree, certificate, or post-baccalaureate) student is one enrolled in nine or more semester hours of courses during a regular semester or in three or more hours of courses during a summer session.

A part-time graduate student (degree, certificate, or post-baccalaureate) is one enrolled in less than nine hours of credit during a regular semester or less than three hours during a summer session.

Note: Upon request, the Registrar will certify students as "full-time" during the term in which they intend to graduate if they are enrolled in the number of hours required to complete the degree, regardless of the number of hours involved.

Late Registration

Late registration permits students to register during the first four class days of a regular semester or during the first two class days of a summer session. Students who register late will be charged an additional \$5 the first day of late registration and an additional \$2.50 per day thereafter; this fee is non-refundable. Instructions for late registration are available at the Registrar's Office. Students will not be permitted to register after the close of late registration.

Those students who register late are responsible for completing any work missed in the courses for which they enrolled during the time the course was in session prior to their being registered. It may be necessary for late registrants to select courses in which to enroll from a reduced

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

schedule since many courses will have been closed at their capacity.

Adding and Dropping Courses

From the first through the fourth calendar days of a regular semester or during the first two calendar days of a summer session a student may add or drop courses at the Registrar's Office. The student is responsible for filing the change with the Registrar's Office so that the action will become official. Courses dropped during this period will not appear on the student's permanent record. A grade of "F", however, will be entered on the student's permanent record if he registers for a course and discontinues attendance without filing official notification with the Registrar.

After registration, during the first four days of any semester, or the first two class days of any summer term, a student may add a course only with the approval of the Graduate Advisor and the Division Director in the Division in which the student is registered. Between the fourth and twelfth class day of any semester, or the second and fourth class day of any summer term, the additional approval of the Dean of the College in which the student is registered, is required. After the twelfth class day of any semester or after the fourth class day of any summer term, students may not add a course except for extremely rare and extenuating circumstances, as approved by the Vice President for Academic Affairs.

If a student finds it necessary to drop a course after the fourth calendar day of a regular semester or after the second calendar day in a summer session, it is his responsibility to initiate and complete procedures for obtaining an approved withdrawal from the course. The forms for this purpose are available at the Registrar's Office and require the approval of the instructor. In order for the action to be official, the student must file the approved form with the Registrar's Office. A student who officially drops a course after the fourth calendar day in a regular semester or after the second calendar day in a summer session will be assigned a grade "W" if he is

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

passing in the course at the time of withdrawal or a grade of "F" if he is failing the course at the time of withdrawal. A student who drops a course without filing the required form with the Registrar's Office will be assigned a grade of "F" in the course. Students may not withdraw from a course later than three weeks prior to the beginning of final examinations for the semester and not later than two weeks prior to the beginning of final examinations for the summer sessions.

Verification of Enrollment

Following the add/drop period of each semester or summer session, a verification report is sent to each student indicating the schedule of classes in which he is officially enrolled. The verification notice is sent to the local address. Any discrepancies between the courses shown on the notice and the courses the student is attending should be resolved by the student in person with the Registrar's Office immediately.

Auditing

UT San Antonio students and non-students who wish to audit a course may do so with the approval of the instructor and the Dean of the College in which the course is offered, providing there is space in the classroom after all registered students have been accommodated. A course must achieve its minimum size without auditors. Participation of an auditor in class will be at the discretion of the instructor.

All auditors must submit the Request for Audit Form to the Registrar. Auditors who are not registered UT San Antonio students must pay an auditing fee of \$10.00 per course. Non-student auditors who wish library privileges may receive them by paying a non-student library deposit (Limited Borrower's Deposit) of \$15.00 at the UT San Antonio Library. No additional auditing fees will be charged student auditors registered at UT San Antonio.

Permission to audit may be obtained and fees paid only during the late registration period.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)Repeating Courses

Only those courses listed in the catalog in which the course description specifically indicates "may be repeated for credit" may be repeated with both units and grade points earned being counted. Neither post-baccalaureate, graduate, nor certificate students may repeat courses for the purpose of raising a grade.

Class Attendance Policy

Regular attendance at all meetings of the courses for which a student is registered is expected. It is the instructor's responsibility to set and to communicate to students the attendance requirements for each course. Whether or not work missed by a student during his absence may be made up is at the discretion of the instructor.

When, in the judgment of the instructor, a student has been absent excessively, the instructor may report the absences to the Dean of the College in which the course is offered and recommend that the student be dropped from the course with a grade of "F". If the Dean approves the recommendation, he will advise the Registrar, instructor and student of the action taken.

A student who enrolls for a course and then does not attend will be considered absent from class until he officially drops the course or until he has accumulated an excessive number of absences and is dropped from the class with a grade of "F".

A student who ceases to attend a class before he officially drops the course will be considered absent from the class and will be subject to the penalties for excessive absence.

Change of Major or Degree

A student who wishes to change his major or degree objective must obtain the required forms at the Registrar's Office. The change is not official until the student has the necessary approval of the Graduate Advisor and

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

the Dean in the area in which the newly selected major or the degree is offered and a form has been completed and filed with the Registrar's Office.

Withdrawal from The University

A student who finds it necessary to withdraw from The University (i.e., drop all courses for which he is enrolled) may obtain the forms for this purpose from the Registrar's Office. After completing the required forms, the student must file the necessary material with the Registrar's Office in order to withdraw officially. Students who officially withdraw from college after the fourth calendar day of a regular semester or after the second calendar day of a summer session will receive a grade of "W" for each class they are passing at that time, and a grade of "F" for each class in which they are not passing at the time of withdrawal. Students who withdraw from all classes are subject to the academic dismissal regulations at the close of the term. (Students withdrawing should refer to the regulations on refunds of tuition and fees.)

Cancellation of Enrollment

Any student who fails to fulfill admission or matriculation requirements or who otherwise fails to adhere to academic regulations is subject to immediate administrative action which may result in his being placed on probation or having his enrollment for that term cancelled. Re-application for admission, or application for re-admission, to a subsequent term may be considered, provided the deficiency which resulted in the cancellation has been removed.

Academic Dismissal

Continuation in a graduate program is dependent upon: (1) satisfactory progress in absolving any admission conditions that were imposed and (2) maintaining a 3.0 ("B") grade point average for courses taken in a given term. Should a graduate student make less than the 3.0 grade point average in any term or receive a grade of "D" or "F", his continuation is at the discretion of the Dean. A graduate, certificate, or post-baccalaureate

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

student whose grade point average for any term is less than 2.0 ("C") will automatically be dismissed from The University.

Graduate students who are dismissed from a graduate program may petition the President's Office for re-admission. In such cases, recommendations from the student's Graduate Advisor and academic Dean will be required.

Course Numbering System

All courses offered by The University of Texas at San Antonio are identified by a three-digit number. The first digit indicates the course level; courses designed for graduate students are numbered 500 through 699. The second digit indicates the semester hours of credit for the courses. When the second digit is 1,2,3,4 or 5, the credit for the course is the corresponding number; when the second digit is 6,7,8 or 9, three semester hours of credit will be awarded. When the second digit is 0, the course has variable credit.

Sequenced courses within a discipline and at the same level use the letter "A" to indicate the first half of the course and the letter "B" to indicate the second half of the course. When the sequencing extends beyond two terms, letters are used to indicate the order of the courses, i.e., "A", "B", "C", "D", and "E". The course description for each course indicates the letters used, if any.

If the order in which sequenced courses must be taken is "A" and then "B" (etc.) no statement is made. If the order is not important, a statement to this effect is made in the course description. A student may be granted credit for each course in a series without completing the entire sequence.

Following the course title, a pair of numbers separated by a hyphen is listed to indicate the course hours per week required; The first number is the number of hours of lecture, the second is the number of hours of laboratory.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75, (Continued)Prerequisites

Prerequisites are stated for many courses listed in this catalog. The purpose of the prerequisite is to advise the student of the background expected of all students in the course. When a student has not met the specific prerequisites listed, he may, under special conditions, obtain permission to register from the instructor of the course. It is the student's responsibility to be sure that he has met all prerequisites before enrolling in any course.

Grading System

Symbol	Explanation	Grade Points
A	Outstanding	4
B	Above Average	3
C	Average	2
D	Below Average, but passing	1
F	Failure	0
IN	Incomplete	0
W	Withdrawal	0
NR	No Report	0

Grade Point Average

The Grade Point Average (G.P.A.) is determined by dividing the number of grade points earned by the number of semester hours of credit attempted.

Hours Earned

The hours earned by a student are the number of semester hours of credit earned in which grades of "A", "B", "C" or "D" have been received.

Hours Attempted

The number of hours attempted is the total number of hours for which a student has enrolled and received grades of "A", "B", "C", "D", or "F".

Grades of "Incomplete"

The grade "Incomplete" ("IN"), subject to the regulations of this section, may be assigned a student at the discretion of the instructor. The purpose of the "Incomplete" grade is to allow a student to complete a course without

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

repetition of the regular work of a course. It will not be assigned when a definite grade can be given for the work done. The "Incomplete" grade will be given to indicate that some part of the work of a student in the course has, for good reason, not been completed, while the rest has been satisfactorily completed. The student must have been in attendance at least three-fourths of the term.

To be made up, incomplete work must be completed before the end of the term in which the student next enrolls. Not more than one year may elapse from the time that the "Incomplete" grade is received until the work is completed. If the work is not completed within this time, the "Incomplete" will remain on the student's record, and credit may be earned only when the student re-enrolls in the course and completes the entire course satisfactorily.

The time limit does not apply to graduate level courses of an individual study nature, such as research, thesis, or dissertation, except that an "Incomplete" cannot be removed after a degree is awarded. The time limit does apply to all other graduate courses in which class work is ordinarily completed in the process of the regular term. The time limit for removing an "Incomplete" grade in Independent Study (600) and Special Problems (610, 620, 630) courses is one year from the date of enrollment in the course, or the time of the student's graduation, whichever is the earlier.

Whenever a grade of "Incomplete" is assigned, the instructor is required to file a "Requirements for Removal of Incomplete" report with the Dean of the College in which the course is offered.

"No Report"

The grade "No Report" ("NR") may be assigned a student only by the Registrar and only in cases in which a grade has not been reported by an instructor. This symbol is assigned when it is not possible to obtain the student's proper grade by the deadline necessary for processing grades at the close of the term and will be replaced with the official grade as soon as possible.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)Grade Reports

The Registrar's Office mails final grades as soon as they are compiled after the close of each semester and the summer session. The grade report reflects the grade assigned by the instructor on his final grade sheet; any subsequent changes are not included. Grades are mailed to the local address on file in the Registrar's Office. Only one grade report is mailed; additional copies are not available.

Change of Grades

Grade changes from "Incomplete" ("IN") to a letter grade must be made within the time limit provisions explained under "Grades of Incomplete" in this catalog. A grade of "Incomplete" may be changed by the instructor, within the time limits, by completing a "Removal of Incomplete" form and filing the form with the Registrar's Office.

Any other change of grade must be initiated by the instructor on the required form available in the offices of the College Deans. Such petitions require the approval of the Vice President for Academic Affairs before the Registrar will make the change on the student's record. It is the policy to approve grade changes only in the most extraordinary circumstances and where justification of the reason can be substantiated. No change of grade will be considered after six months from the date the original grade was assigned.

Transcripts

Official transcripts of all course work taken at The University of Texas at San Antonio are available at the Registrar's Office. Requests for transcripts must be in writing and bear the signature of the student whose record is requested. A fee of \$1.00 will be charged for each copy of the transcript. Transcripts from other institutions submitted to UT San Antonio will become property of The University and will not be reproduced and/or mailed to other institutions. Upon request, work in progress (i.e., a listing of classes in which the student is currently enrolled) will be included with the transcript without additional charge.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

Students who have a financial obligation to The University will have transcript service withheld until the obligation is paid in full.

Release of Transcripts and Academic Records

Transcripts and other copies of student academic records will be released by the Registrar only upon written request from the student, and when payment of the appropriate fee is made. The following exceptions may be made:

1. In the case of an unmarried minor student, upon the written request of the student's parents or legal guardian, and upon receipt of payment of the appropriate fee.
2. In response to a court order.
3. To another institution of higher education or an accreditation agency upon request.

Graduation Dates

Degrees are conferred only at the end of each semester and at the end of each summer session, but formal public ceremonies are held only at the conclusion of the spring semester. Students who wish to participate in commencement ceremonies at the close of the spring and who have graduated during the previous summer or fall terms may do so. Information on the procedures to be followed is available in the Registrar's Office.

Application for a Degree

All degree candidates must officially apply for their degrees at the Registrar's Office no later than the end of the add/drop period of the term in which they intend to graduate.

If a student does not graduate at the close of the term for which he has applied, he must reapply for the degree.

Change of Name or Address

Currently enrolled students who have changed their names or addresses should notify the Registrar's Office by completing the appropriate form. Official notification of change of address is necessary for proper identification of students' records and for accurate mailing of correspondence, grade report, transcripts and information pertaining to graduation requirements.

VI. MASTER'S DEGREE REGULATIONS

General Requirements

Every Master's degree program is based on the assumption that the students participating in it already possess a general college education to the baccalaureate degree level. Accordingly, entering students, as described under "Admission Requirements," are required to hold a baccalaureate degree from an accredited college or university in the United States or proof of equivalent training at a foreign institution. Entering students are required to have a minimum of 18 semester hours in the area in which the graduate degree is sought, at least 12 of these hours are to be of upper-division level, to be accepted by the college offering the degree program, and to submit results from certain standardized examinations. In addition, the grade point requirements specified as admission requirements to graduate programs must be met. Students without adequate preparation may be admitted on a conditional basis with the understanding that they must undertake course work and other study in order to demonstrate their abilities to perform at the graduate level, and that such work may be in addition to the regular degree requirements.

Entering Examinations

The Dean of the College in which students' major areas fall may appoint a committee to examine students on their undergraduate preparation before applications to enter the program are approved.

Admission to some areas of graduate study requires a student to pass an examination in English and/or a foreign language. Students lacking the required level of English proficiency will be denied candidacy.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)Transfer of Credit

Ordinarily all work for the Master's degree must be done at The University of Texas at San Antonio. Transfer credit of usually not more than six semester hours may be allowed for graduate course work completed at another accredited institution or in Continuing Education courses upon the approval of the student's Graduate Advisor and the Dean of the College in which the major area is located. Upon petition by the student and recommendation of the student's Graduate Advisor and Supervising Committee (or a special committee appointed by the Dean), the Dean may find compelling reasons for permitting the transfer of a maximum of one-third of the semester hours of graduate work (exclusive of thesis) required under a degree or certificate program at UT San Antonio. All work submitted for transfer credit must have been completed no more than six years before the degree is awarded.

It is the policy of The University of Texas System that all academic institutions within the System may accept graduate credit from each other, and the regular requirements on residency are adjusted accordingly. The applicability of specific courses from other University of Texas institutions to a student's graduate degree program at UT San Antonio, however, must be approved by the student's Graduate Advisor and Dean.

Correspondence Courses

Courses completed by correspondence are not accepted for graduate credit and may not be applied to a graduate degree program.

Courses Counted for Another Degree

No courses counted toward another degree may be applied to a graduate degree, either directly or by substitution. Work done for the Master's degree may be included in the work for the doctoral degree, when it is offered, provided it is acceptable to the candidate's supervising committee and Dean.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)Time Limits and Catalog of Graduation

All credit to be applied to a Master's degree must have been earned within the six years immediately preceding the date the degree is awarded. Out-dated credits may be accepted upon approval of the candidate's Graduate Advisor and Dean; in all cases, a comprehensive examination will be required as a condition for validating credit.

General and specific requirements for graduate degrees may be altered in successive catalogs, but the student is bound only by the requirements of the catalog in force at the time of his admission to the graduate program, and within the six year limit. At the student's discretion, the requirements as stated in a subsequent catalog may be elected.

Admission to Candidacy

All candidates for the Master's degree should file an Application for Admission to Candidacy, signed by the student's Graduate Advisor, with the Dean of the College in which the degree program is located at the end of the first semester of full-time graduate study or upon completion of the first 12 hours of graduate work. The deadline for filing an Application for Admission to Candidacy is no later than the first 30 calendar days of the student's final semester or the first 10 calendar days of the final summer session.

The Dean, or a committee appointed by the Dean, may examine the student on his preparation in his area and related subjects, and may require him to make up any deficiencies before his application is approved. This examination may be either oral or written at the discretion of the examiners.

The applicant will be recognized as a candidate only when he has satisfied the scholarship requirements and when his application and course of study have been approved by the Graduate Advisor and Dean. Admission to Candidacy is a degree requirement.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)Final Examination

A candidate for a Master's degree must, in addition to all other requirements, pass a final examination which may be oral or written or both. The examining committee is appointed by the Dean of the College in which the degree is offered. Final examinations will be given only to those students who have been admitted to candidacy for the degree.

Options for Master's Degree

Two options are available for most Master's Degree Programs.

Option I. The candidate for a Master of Arts or Master of Science degree is required to complete 30 semester hours of credit (36 semester hours for the Master of Business Administration degree) approved by the Graduate Advisor and Dean, including six semester hours of credit for a thesis. The thesis is subject to approval by the student's Graduate Advisor, Thesis Committee and Dean.

Students receiving advice and assistance from a faculty member in the preparation of theses are required to enroll in the appropriate thesis course (if necessary, for multiple semesters) until final approval of completed thesis has been given and two copies have been filed with the student's Dean.

Option II. For a Master's Degree Program under Option II, a student can meet the requirements for a Master's degree without writing a thesis but instead is required to complete a program of 36 semester hours of course work approved by the student's Graduate Advisor and Dean.

At the beginning of the student's Master's program he should in consultation with his Graduate Advisor select the option most suitable to his needs. Should a student elect to change options after being admitted to candidacy, he will need to apply for candidacy under the new option.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)Second Master's Degree

A student may pursue a second Master's degree at UT San Antonio only under the following conditions:

- 1) that the second Master's opens an additional area, field, or concentration;
- 2) that the proposed second Master's is approved by the student's Graduate Advisor and Dean.

It should be further understood:

- 1) that the same graduate courses cannot be applied toward two different degrees;
- 2) that credit applied to a previous degree at another institution which duplicates a portion of the program required under the second degree being sought at UT San Antonio would not reduce the number of hours required for that second degree. Courses already taken would not have to be repeated. Rather, additional course work would be substituted for such previously completed courses.

Additional Regulations

With the approval of the student's Graduate Advisor and Dean, a candidate for a Master's degree may apply a maximum of six semester hours of credit for upper-division (junior or senior) courses to a Master's degree; no courses below upper-division level may be applied to the degree.

No courses in which grades of "D" were earned may be applied to a graduate degree.

A candidate for a Master's degree must maintain a 3.0 ("B") grade point average for all courses taken in a given term.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)Requirements for Thesis

The following steps for completing a thesis as part of the Master's degree are the responsibility of each degree candidate selecting Option I:

1. Secure the approval of the Thesis Advisor, who is also Chairman of the Thesis Committee. The Thesis Committee consists of the advisor and two additional members of the Graduate Faculty appointed by the Dean. The student is expected to work closely with his Thesis Advisor in selecting his thesis topic and in completing other details of his study.
2. Submit a preliminary draft for approval by the Thesis Advisor not later than 45 calendar days before final examinations of the term in which the degree is to be awarded. The first draft copy should be corrected, legible, and typewritten. The format of the thesis must follow University regulations. The detailed requirements are available from the Dean.
3. Upon concurrence of the Thesis Committee the draft may be approved. This step is intended to signify that the thesis meets the required standards for content, expression, format, spelling and general accuracy. Candidates are responsible for meeting the standards of those reading and approving the thesis.
4. Submit the approved draft to a typist. The approved draft of the thesis is then to be typed in acceptable form.
5. Submit the final copy of the thesis to the Thesis Advisor and Thesis Committee not later than 20 calendar days before final examinations of the term in which the degree is to be awarded. This copy of the thesis must be the original and, if acceptable, must be signed by the Thesis Advisor and members of the Thesis Committee.
6. File the unbound original copy of the approved thesis with the Dean's Office at least 10 days prior to the last day of classes of the term in which the degree is to be awarded. This copy

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

will be transmitted by the Dean to the Library, where it will be bound and retained.

7. File an additional bound reproduction of the thesis with the Dean to be retained in that Office. It is customary that copies of the thesis be presented to the Thesis Advisor and members of the Thesis Committee. Arrangements and expenses for binding of all copies, except the original, are the responsibility of the student. Copyright may be arranged by the author and will be at the student's expense.

VII. SUMMARY OF GRADUATE DEGREE PROGRAMS
AND SUPPORT AREAS FOR 1974-75

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

The following graduate degree programs will be available during 1974-75*.
The detailed requirements for each degree will be found on the following pages.

Master of Business Administration Degree

Master of Arts Degree

Bicultural-Bilingual Studies

- Concentrations: (1) Bicultural Studies
(2) Bilingual Teacher Education

Education

- Concentrations: (1) Cultural Foundations of Education
(2) Curriculum and Instruction
(3) Early Childhood and Elementary Education
(4) Educational Management
(5) Institutions of Higher Education

Environmental Management

- Concentrations: (1) Management of Human Resources
(2) Urban Studies

Spanish

- Concentrations: (1) Hispanic Culture
(2) Hispanic Literatures
(3) Spanish Language

Master of Fine Arts Degree

Art

Master of Science Degree

Biology

Environmental Management

- Concentration: (1) Management of Natural Resources

Mathematics and Systems Design

*Course offerings in graduate degree programs may be postponed if enrollments or resource and space limitations do not warrant scheduling of a particular course.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

Additional graduate courses will be available in the following support areas during 1974-75.*

Anthropology
Bilingual Medical Interpreting
Earth Sciences
Educational Psychology
English
English as a Second Language
Foreign Languages
Geography
History
History of Art and Criticism
Music
Physical Sciences
Political Science
Sociology

*Course offerings in graduate degree programs may be postponed if enrollments or resource and space limitations do not warrant scheduling of a particular course.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

VIII. GRADUATE DEGREE PROGRAMS AND COURSES
AND SUPPORT COURSES

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

COLLEGE OF BUSINESS

The College of Business recognizes as its primary thrust the preparation of students for careers throughout business and other administrative environments which include various combinations of leader-manager-administrator-entrepreneur. This is to be accomplished by offering a forward looking curriculum by a faculty concerned with bringing together knowledge from many disciplines. Student preparation to face an ever changing future encompasses a focus on organizing scarce resources to achieve (1) a given end; (2) mastery of written and oral communications; (3) understanding people and how to work effectively with them; and, (4) an appreciation of the changing nature of the role of the manager.

MASTER OF BUSINESS ADMINISTRATION DEGREE

The Master of Business Administration degree is designed to provide intensive education to qualified graduate students and is available to individuals with undergraduate degrees in the business administration areas as well as to those with specializations outside the business field.

Students whose previous training has been in non-business fields may be admitted to the MBA program but will be required to complete a series of foundation courses as a condition of admission. The foundation courses are in addition to the degree requirements.

Special Admission Requirements. Applicants for admission to the MBA program will be required to meet the university-wide admission requirements, except that the minimum of 18 semester hours in business is waived because of the dual program. In addition, all applicants must take the Admission Test for Graduate Study in Business* (ATGSB) and submit results to the

*Applications for the ATGSB, or information on the test, may be obtained from Educational Testing Service, Princeton, New Jersey 08540.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

Director of Admissions well in advance of the desired date of admission. The score of the ATGSB will be considered in determining the applicant's eligibility for admission to the program.

Some or all of the following common body of knowledge may be required as conditions for students with a non-business background, or for other applicants whose previous training is insufficient to permit full admission to the program:

ACCT 530	The Theory, Method and Use of Accounting
ACCT 531	Costs and Budgets
ACCT 535	Management Information Systems
ECON 530	Theories of Economics Survey
FIN 531	Business Finance
MGMT 530	Organization and Management Theory
MGMT 533	Legal Environment for Business
MATH 537	Applied Statistics
MRKT 530	Foundations of Marketing

Degree Requirements. All candidates for the MBA degree will, in addition to the General Regulations for Master's Degree, be required to complete successfully the following core of 21 semester hours.

ACCT 561	Accountant Analysis for Decision-Making
ECON 561	Business Economics
FIN 561	Financial Management
MGMT 561	Quantitative Methods in Business
MGMT 565	Business Research Methods
MGMT 671	Management Policy, Problems and Trends
MRKT 561	Marketing Management

Students selecting Option I (a total of 36 semester hours including a thesis is required) will, in addition, be required to complete successfully 9 semester hours of credit in elective courses approved by the Graduate Advisor and Dean and 6 semester hours of credit in thesis, BUS 691. Students selecting Option II (36 semester hours without a thesis are required) will be required to successfully complete 15 semester hours of credit in electives approved by the Graduate Advisor and Dean.

COURSE DESCRIPTIONS

ACCOUNTING
(ACCT)

530 THE THEORY, METHOD AND USE OF ACCOUNTING
(3-0) 3 hours credit.

An introductory course for MBA candidates without previous work in accounting. Emphasis is on accounting as a tool to communicate financial information, for planning, for analyzing and controlling business enterprises. Methods and procedures are covered.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 531 COSTS AND BUDGETS
(3-0) 3 hours credit.
Theory and techniques of cost accounting for product costing, control, and decision-making. Consideration of prime costs, overhead, budgeting, and transfer pricing.
- 535 MANAGEMENT INFORMATION SYSTEMS
(3-0) 3 hours credit.
A course in programming and computer systems for graduate students who have not had undergraduate training in this area.
- 561 ACCOUNTING ANALYSIS FOR DECISION-MAKING
(3-0) 3 hours credit. Prerequisite: ACCT 530 or the equivalent.
The study of accounting and its uses by management in the decision-making process.
- 562 MANAGERIAL ACCOUNTING
(3-0) 3 hours credit. Prerequisite: ACCT 561 or the equivalent.
A detailed analysis of financial statements and corporate accounts. Accumulation of cost information and interpreting of the results as an aid to managerial decisions.
- 571 ADVANCED PROBLEMS IN AUDITING
(3-0) 3 hours credit. Prerequisite: Undergraduate course in auditing or consent of instructor.
A study of current literatures on auditing standards, reliability of evidential matter, special reports, reports of not-for-profit organizations and reports to regulatory agencies.
- 600 INDEPENDENT STUDY
1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.
Reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.
- 610, 620, 630 SPECIAL PROBLEMS
1 to 3 hours credit
May be repeated, but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.
- 635 CURRENT ACCOUNTING THEORY
(3-0) 3 hours credit. Prerequisites: ACCT 562 and consent of instructor.
Current accounting literature; accounting bulletins of the American Institute of Certified Public Accountants, Securities Exchange Commission accounting releases and other relevant material.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

COURSE DESCRIPTIONS

BUSINESS
(BUS)

- 691 MASTER'S THESIS
(3-0) 3 hours credit
May be repeated for credit, but not more than 6 hours will apply to the Master's degree. Permission of the instructor is required. Enrollment in 691 is required each term the thesis is in progress.

COURSE DESCRIPTIONS

ECONOMICS
(ECON)

- 530 THEORIES OF ECONOMICS SURVEY
(3-0) 3 hours credit.
An intensive one semester course in theories of economics for students entering the MBA program who have not had an adequate undergraduate foundation in economics. Micro as well as macro economic concepts are studied. Specific areas covered are: the price system as it functions under competition, monopoly and partial monopoly; collective bargaining, international trade; national income, measurement and determination; business cycles; money and banking, monetary policy; fiscal policy and economic development.
- 561 BUSINESS ECONOMICS
(3-0) 3 hours credit. Prerequisite: ECON 530 or the equivalent.
The application of price theory to problems of the firm. Actual case studies will be utilized.
- 571 ECONOMICS OF HUMAN RESOURCES
(3-0) 3 hours credit. Prerequisite: ECON 530 or the equivalent.
An economic study of the education process, rates of return and investment in human resources such as health and on-the-job training. Educational planning, production and economic growth are analyzed.
- 575 URBAN ECONOMICS
(3-0) 3 hours credit.
A study of the economic dimensions of cities. Specific areas covered are location theory, alternative uses of existing natural resources, the labor force, transportation, poverty, and other factors related to the economic development of urban areas.
- 581 INTERNATIONAL BUSINESS ECONOMICS
(3-0) 3 hours credit. Prerequisite: ECON 530 or the equivalent.
The use of economic concepts in the solution of international business problems. Actual cases will be utilized to allow the student an opportunity to apply the tools of economic theory.
- 591 ANTITRUST -- LEGAL AND ECONOMIC ANALYSIS
(3-0) 3 hours credit. Prerequisite: ECON 530.
An analysis of promoting and protecting competition through law.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

Antitrust implications of the managerial process are to be examined and evaluated.

- 600 INDEPENDENT STUDY
1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.
Reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.
- 610, 620, 630 SPECIAL PROBLEMS
1 to 3 hours credit.
May be repeated, but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.
- 632 MANPOWER POLICY
(3-0) 3 hours credit.
Projecting of labor needs and the evolution of economic society and the development of labor force skills to supply these needs. Alternative choices of resources and public programs available at the local, state, and national levels to assist in the efficient utilization of human resources.
- 634 ECONOMICS OF POVERTY
(3-0) 3 hours credit.
A study of the causes of poverty and of the ways society provides the means of livelihood for those who are unable to care for themselves, due to unemployment, age, illness, or other disabilities.
- 636 LABOR ORGANIZATIONS
(3-0) 3 hours credit.
A study of the origins of organized labor movements and their evolution over time. Management problems facing organized labor as they relate to society such as collective bargaining, economic security, leisure and technological change are examined.

COURSE DESCRIPTIONS

FINANCE
(FIN)

- 531 BUSINESS FINANCE
(3-0) 3 hours credit.
A study of the financial dimensions of a business enterprise. Areas covered are business financial organizational structures; financing of business enterprises; capitalization; refunding and reorganization.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 561 FINANCIAL MANAGEMENT
(3-0) 3 hours credit. Prerequisite: FIN 531 or the equivalent.
A study of the methodology used by the financial manager in the financing of various operations of a business enterprise, such as planning, requisition and management of funds.
- 571 FINANCIAL INSTITUTIONS
(3-0) 3 hours credit.
The "money market" and the development, organization, and operation of the supporting financial institutions.
- 581 CAPITAL FORMATION AND BUDGETING
(3-0) 3 hours credit.
Analysis of the cost-of-capital concepts and capital budgeting as these are associated with the micro and macro approach to finance.
- 591 INVESTMENT PROBLEMS
(3-0) 3 hours credit.
Measuring and evaluating risk possibilities as they relate to public and private debt, government regulation of securities markets and taxation.
- 600 INDEPENDENT STUDY
1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.
Reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.
- 610, 620, 630 SPECIAL PROBLEMS
1 to 3 hours credit.
May be repeated, but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.
- 663 FINANCING URBAN DEVELOPMENT
(3-0) 3 hours credit.
A study of the various sources of revenues available to finance the development of cities. An evaluation of the favorable and unfavorable dimensions of these various funding sources. Cost benefit analysis is used to evaluate the alternatives as they affect city development.

COURSE DESCRIPTIONS

MANAGEMENT
(MGMT)

- 530 ORGANIZATION AND MANAGEMENT THEORY
(3-0) 3 hours credit.
Examines the process, empirical, behavioral and quantitative theories of management and organization. Develops a synthesis of these and other evolving theories.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 533 LEGAL ENVIRONMENT FOR BUSINESS
(3-0) 3 hours credit.
An intensive course for students entering the graduate program without a basic undergraduate course in business law. Areas covered are the law of contracts; negotiable instruments, sales, insurance, bankruptcy, agencies, partnerships and corporations.
- 537 FOUNDATIONS OF QUANTITATIVE METHODS FOR BUSINESS
(3-0) 3 hours credit.
A course covering business and economics statistics for students who have not had undergraduate training in this area. Quantitative tools used in the management decision process are studied.
- 561 QUANTITATIVE METHODS IN BUSINESS
(3-0) 3 hours credit. Prerequisite: MGMT 537 or the equivalent.
The application of mathematical statistical techniques to the solution of business and economic problems. The course is intended to provide the quantitative methods foundations needed for students in the MBA program in order to permit a better understanding of operations analysis, management as a science and research in the social sciences.
- 562 SIMULATION ANALYSIS OF BUSINESS SYSTEMS
(3-0) 3 hours credit. Prerequisite: ACCT 535 or the equivalent.
The application of simulation techniques in the analysis of a variety of business systems. Examples will include accounting, finance, economics, marketing, and management systems.
- 565 BUSINESS RESEARCH METHODS
(3-0) 3 hours credit. Prerequisite: Graduate standing.
Theory of methods used in conducting research in business, evaluation of major sources of business information, analysis of organization in writing research reports and problems in the major forms of business research.
- 571 ORGANIZATIONAL SYSTEMS ANALYSIS
(3-0) 3 hours credit. Prerequisite: MGMT 530 or the equivalent.
An intensive course covering current literature relating to management theory and enterprise leadership.
- 573 INDUSTRIAL RELATIONS
(3-0) 3 hours credit.
An analysis of collective bargaining systems in organizations. Emphasis placed on the roles of management, unions, and government in collective bargaining and agreement administration.
- 580 ORGANIZATIONAL COMMUNICATIONS
(3-0) 3 hours credit. Prerequisite: MGMT 530.
A survey of theoretical and functional aspects of organizational communication stressing interpersonal, intra- and interorganizational, and intercultural communication.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 581 ORGANIZATIONAL BEHAVIOR
(3-0) 3 hours credit. Prerequisite: MGMT 530
Study of individual, interpersonal, and intergroup behavior in organizations. Focuses on problems of formal and informal organization, communications, motivation, change, conflict, cooperation, influence and authority.
- 600 INDEPENDENT STUDY
1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.
Reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.
- 610, 620, 630 SPECIAL PROBLEMS
1 to 3 hours credit.
May be repeated but no more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.
- 671 MANAGEMENT POLICY, PROBLEMS, AND TRENDS
(3-0) 3 hours credit. Prerequisite: Permission of the Graduate Advisor.
A case study course intended to provide a capstone coverage of material taken in the MBA program, as well as broadening the horizons of the student beyond the focus on the firm. The macro-economic aspects of our economy and contemporary problems and trends of business are covered.

COURSE DESCRIPTIONS

MARKETING
(MRKT)

- 530 FOUNDATIONS OF MARKETING
(3-0) 3 hours credit.
Marketing is studied as a function of business with intensive study in price determination, distribution of goods, promotion and organizational policies.
- 561 MARKETING MANAGEMENT
(3-0) 3 hours credit. Prerequisite: MGMT 530 or the equivalent.
A study of current problems in the area of marketing management. Marketing practices and thought are analyzed along with an intensive evaluation of the current literature.
- 563 CONSUMER BEHAVIOR
(3-0) 3 hours credit. Prerequisite: MRKT 561.
Analysis of the consumer as the focal point of the economic system.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 571 **MARKETING RESEARCH**
(3-0) 3 hours credit. Prerequisite: MRKT 561.
Problems in obtaining and analyzing internal and external marketing information using various instruments, design and techniques germane to marketing.
- 581 **PROBLEMS IN MARKETING MANAGEMENT**
(3-0) 3 hours credit. Prerequisite: MRKT 561
Case problems in marketing. Designed to give the student an opportunity to utilize the material and analytical tools that have been acquired.
- 600 **INDEPENDENT STUDY**
1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.
Reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.
- 610, 620, 630 **SPECIAL PROBLEMS**
1 to 3 hours credit.
May be repeated, but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.

COLLEGE OF FINE AND APPLIED ARTS

The College of Fine and Applied Arts will provide the best possible education in the visual arts and music at undergraduate (pre-professional) and graduate (professional) levels. The major fields of study will prepare students for careers in art, design, crafts, and music. Conceptual and visual awareness as well as technical ability are at the core of the programs of study which will stress, ultimately, creative and intellectual development.

Pending completion of permanent facilities, a limited number of graduate courses in the College of Fine and Applied Arts will be offered in studio art, the history of art, applied music, and music education.

MASTER OF FINE ARTS DEGREE

The College of Fine and Applied Arts holds the position that the M.F.A. degree is the terminal degree in the studio field and should, therefore, be considered the equivalent of the Ph.D. in research fields. The program is in essence based on the premise that the M.F.A. student should not only be proficient in his major field but should also have been educated in allied minor and related fields.

The Master of Fine Arts Degree is designed to prepare students for professional careers in studio art. The main fields of concentration in painting, drawing, sculpture, photography, printmaking and ceramics will also prepare students to teach studio art at the college and university level.

Special Admission Requirements. In addition to the university-wide admission requirements, applicants are expected to have a bachelor of fine arts degree or the equivalent. Specifically a student must have completed an undergraduate major including 42 hours in studio art and 18 hours in art history and criticism.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

Applicants must submit slides of work (no portfolio) as well as a statement of intent to the Director of the Division of Art and Design.

Degree Requirements:

Field of major concentration (painting; drawing; sculpture; photography; printmaking; or ceramics)	18 hours
Minor field (studio courses other than major)	9 hours
Art history and criticism (in- cluding one seminar)	15 hours
Additional courses (two of the following three: one graduate course outside of the College of Fine and Applied Arts; Art Criticism or History of film).	6 hours
Thesis and Exhibition	<u>12</u> hours
	60 hours

COURSE DESCRIPTIONS

ART

- 560 PAINTING
(2-4) 3 hours credit. Prerequisite: B.A. with an art or related study concentration.
Painting techniques in various media with emphasis on the development of mature imagery.
- 570 DRAWING
(2-4) 3 hours credit. Prerequisite: B.F.A. or B.A. with an art or related study concentration.
Drawing techniques in various media with emphasis on the development of mature imagery.
- 610, 620, 630 SPECIAL PROBLEMS
1 to 3 hours credit. Prerequisite: consent of instructor.
May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course.
- 660 ADVANCED PAINTING
(2-4) 3 hours credit. Prerequisite: B.F.A. or B.A. with an art or related study concentration.
For students who have had considerable experience in technique and

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

concepts in contemporary painting. Emphasis will be on individual direction and exploration.

- 665 PROBLEMS IN PAINTING
(2-4) 3 hours credit. Prerequisite: B.F.A. or B.A. with an art or related study concentration.
Individually directed graduate projects.
- 670 ADVANCED DRAWING
(2-4) 3 hours credit. Prerequisite: B.F.A. or B.A. with an art or related study concentration.
Specific concerns of drawing as an end in itself as well as a basis for other media. Student should be cognizant of contemporary as well as traditional drawing attitudes.
- 675 PROBLEMS IN DRAWING
(2-4) 3 hours credit. Prerequisite: B.F.A. or B.A. with an art or related study concentration.
Individually directed graduate projects.
- 680 ADVANCED LITHOGRAPHY
(2-4) 3 hours credit. Prerequisite: B.F.A. or B.A. with an art or related study concentration.
Approaches to sophisticated techniques of the lithographic process and emphasis on the development of mature imagery.
- 685 PROBLEMS IN LITHOGRAPHY
(2-4) 3 hours credit. Prerequisite: B.F.A. or B.A. with art or related study concentration.
Individually directed graduate projects.
- 686 PROBLEMS IN PRINTING
(2-4) 3 hours credit. Prerequisite: B.F.A. or B.A. with an art or related study concentration.
Individually directed graduate projects.
- 691 MASTER'S THESIS
(3-0) 3 hours credit.
May be repeated for credit but not more than 6 hours will apply to the Master's degree. Permission of the instructor is required.
Enrollment in ART 691 is required each term the thesis is in progress.

COURSE DESCRIPTIONS

HISTORY OF ART AND CRITICISM
(HAAC)

- 533 RENAISSANCE ART OF NORTHERN EUROPE
(3-0) 3 hours credit. Prerequisite: B.A. with an art history or related study concentration.
A study of fifteenth and sixteenth century painting in Germany and the Lowlands. A course stressing the development of the Renaissance style in Northern Europe.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 534 BAROQUE ART AND ARCHITECTURE OF SOUTHERN AND NORTHERN EUROPE
(3-0) 3 hours credit. Prerequisite: B.A. with an art history or related study concentration.
A study of seventeenth century painting, sculpture and architecture in Italy, Spain, France, Holland, and Belgium. A course stressing the development of the Baroque style in Rome where it reached its fullest expression in all artistic media and from where its influence spread throughout southern and northern Europe.
- 536 RENAISSANCE ART AND ARCHITECTURE OF ITALY
(3-0) 3 hours credit. Prerequisite: B.A. with an art history or related study concentration.
A study of fifteenth and sixteenth century painting, sculpture, and architecture in Italy. A course stressing the development of the Renaissance style in Florence, Rome, Venice, and other Italian cities.
- 561 ART AND ARCHITECTURE OF MEXICO AND MEXICAN AMERICA
(3-0) 3 hours credit. Prerequisite: B.A. with an art history or related study concentration.
A study of the missions, the Santos, and the works of twentieth century Mexican muralists and Mexican American artists. Cultural and artistic rather than present political boundaries are used as a basis for spatial definition of this study. The art of the American Southwest is treated as an integral part of New Spanish and Mexican art.
- 562 PRE-COLUMBIAN ART AND ARCHITECTURE OF MESOAMERICA
(3-0) 3 hours credit. Prerequisite: B.A. with an art history or related study concentration.
An art historical study of the architecture, sculpture, and painting of the Olmec, Izapan, Classic Maya, Zapotec, Classic Veracruz, Teotihuacán, Toltec-Maya, Mixtec, and Aztec peoples of Ancient Mexico and Guatemala. A course stressing a definition of styles, their durations, and extensions. Linguistic, geographic, and ethnic designations for these styles are retained for classificatory purposes only.
- 565 THE CATHEDRAL IN SPAIN AND SPANISH AMERICA
(3-0) 3 hours credit. Prerequisite: B.A. with an art history or related study concentration.
A study of the major Spanish and Spanish American cathedrals, principally those of Santiago de Compostela, Burgos, Toledo, Córdoba, Sevilla, Cádiz, Granada, León (Spain), Mexico City, Puebla, Oaxaca, Mérida, Morelia, Zacatecas (New Spain), Antigua (Guatemala), Caracas, Bogotá, Quito (New Granada), Cajamarca, Lima, Cuzco (Peru), and La Paz (Upper Peru).
- 566 ART AND ARCHITECTURE OF SPAIN
(3-0) 3 hours credit. Prerequisite: B.A. with an art history or related study concentration.
A study of Medieval Renaissance, and Baroque art and architecture of Spain. A course stressing architectural spaces and volumes as well as painting and sculpture of the retablos, yeserías (gilded and polychromed stucco decorations), and retablo facades.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 571 TWENTIETH CENTURY ART OF LATIN AMERICA
(3-0) 3 hours credit. Prerequisite: B.A. with an art history or related concentration.
A comparative study of twentieth century painting in Venezuela, Colombia, Peru, Chile, Argentina, and Mexico.
- 575 COLONIAL ART OF MEXICO, GUATEMALA, AND PERU
(3-0) 3 hours credit. Prerequisite: B.A. with an art history or related concentration.
A study of the art and architecture of New Spain, Guatemala, New Granada, Peru, and Upper Peru. A course stressing architectural spaces and volumes as well as painting and sculpture of the retablos, yeserías (gilded and polychromed stucco decorations), and retablo facades.
- 580 NINETEENTH AND TWENTIETH CENTURY ART OF EUROPE AND THE U.S.
(3-0) 3 hours credit. Prerequisite: B.A. with an art history or related study concentration.
Traces the major developments in painting and sculpture in Europe from around 1800 to the recent past. U.S. art since 1900 will also be considered.
- 600 INDEPENDENT STUDY
1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.
Reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.
- 610, 620, 630 SPECIAL PROBLEMS
1 to 3 hours credit. Prerequisite: Consent of instructor.
May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course.
- 680 SEMINAR: ART CRITICISM
(3-0) 3 hours credit. Prerequisite: B.F.A. or B.A. with an art or related study concentration.
An examination of the role and influence of the art critic both in the contemporary art world as well as the past.
- 683 STUDIES IN ART HISTORY
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
A concentrated, intensive study of specific bodies of work in terms of form and meaning leading to a definition of style and the placement of these works within art historical contexts. Topics include Maya Vase and Mural Painting; Mixtec and Nahuatl Codices (Picture books); fifteenth century Flemish painting; art of the U.S. since 1945; Japanese influence on nineteenth century French painting; Islamic influences in

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

the art of Spain and Hispanic America and others. May be repeated for credit when the topics vary.

COURSE DESCRIPTIONS

MUSIC
(MUS)

- 530 FOUNDATION OF MUSIC EDUCATION
(3-0) 3 hours credit. Prerequisite: Bachelor of Music degree.
A study of historical, philosophical and psychological foundations of Music Education. This course also develops principles of Music Education.
- 532 TRENDS IN MUSIC EDUCATION
(3-0) 3 hours credit. Prerequisite: Bachelor of Music degree.
A study of contemporary trends in music education in the elementary school, the middle school and the senior high school with reference to music of the Southwestern part of the United States.
- 564 ADVANCED CONDUCTING
(2-4) 3 hours credit. Prerequisite: Bachelor of Music degree; student should have conducting experience.
A study of conducting techniques for the advanced conductor. Student should have conducting experience and analytical capabilities. Individual development will be emphasized in this course.
- 565 ADVANCED CHORAL TECHNIQUES
(2-4) 3 hours credit. Prerequisite: Bachelor of Music degree; students should have previous experience as conductors of choral ensembles.
A study of choral techniques including development of tone, phrasing, diction, analysis of repertoire, rehearsal organization and style.
- 582 SURVEY OF MUSIC LITERATURE: 1400-1750
(3-0) 3 hours credit. Prerequisite: Bachelor of Music degree.
A survey of the music of the Renaissance and Baroque periods. Included among the composers to be studied are Des Prez, Lassus, Victoria, Esquivel, Palestrina, Gabrieli, Schuetz, Monteverdi, Scarlatti, Bach and Handel. A research paper is expected.
- 585 TWENTIETH CENTURY MUSIC LITERATURE
(3-0) 3 hours credit. Prerequisite: Bachelor of Music degree.
A study of compositional and structural characteristics of twentieth century music. Includes neo-classical, tone row, neo-romantic, indeterminate, electronic, pan-diatonic and neo-modal music.
- 610, 620, 630 SPECIAL PROBLEMS
1 to 3 hours credit. Prerequisite: Consent of instructor.
May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course.

COLLEGE OF HUMANITIES AND SOCIAL SCIENCES

Programs in the College of Humanities and Social Sciences aim at developing an appreciation of the multidisciplinary nature of knowledge and the abilities and willingness to use skills, methods, information, and theories developed by disciplines outside one's own field. The College will provide much of what is fundamental to a well-rounded, liberal education as well as its own degree specializations.

Undergraduate offerings are designed to develop general abilities in analytical thinking, and furnish the attitudes and information necessary to put these abilities into action. A simultaneous goal is to spark and develop broad interests in the student which will make him a self-generating person. Graduate offerings will particularly emphasize the multidisciplinary cultural approach with intensive, specialized career preparation--at the same time providing tailor-made degree plans commensurate with individual goals and objectives.

Master of Arts Degree in Spanish

The Master of Arts in Spanish focuses on the various aspects of intellectual and creative development in Spain, Spanish America and the U.S. Southwest as reflected in language, literature and cultural patterns. Through training in the principles of the disciplines and supportive areas and in bibliographical methods, and comparative literary or cultural analysis, students become specialists capable of producing integrated and authoritative studies in the various fields. They are prepared for careers in scholarship; in teaching at the elementary, high school, or college levels; or in various branches of government, business, law, and social service. Three concentrations are available in the program to fit the varying needs and interests of prospective students. These are in Hispanic Culture, Hispanic Literatures, and Spanish Language.

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Special Admission Requirements. In addition to the university-wide admission requirements, applicants are expected to have a bachelor's degree with a major in Spanish or the equivalent and an adequate command of both written and oral Spanish. Also recommended is a minimum of four semesters of work in a second foreign language and broad acquaintance with Hispanic Culture.

Degree Requirements. All candidates for the degree will, in addition to satisfying the General Regulations for the Master's Degree, be required to successfully complete:

- a. the core courses,
- b. the required courses for a concentration,
- c. the remaining requirements for either Option I or Option II.

Core Courses and Concentrations. Courses listed are given as possible electives. They can be substituted by others in the same area of study with the Division Director's and Advisor's permission.

Core Courses

BCBL 531	Foundations of Hispanic Cultures
SPAN 583	Structure of Spanish
SPAN 532	The Hispanic Literary Tradition
or	
SPAN 685*	Theory of Literature
SPAN 680	Hispanic Culture and Civilization

Concentrations

Hispanic Culture

SPAN 680	Hispanic Culture and Civilization
SPAN 573	The History of Ideas in Spain and Spanish America
SPAN 682	Contemporary Hispanic Cultures

*This option is only for students in the Hispanic Literatures concentration.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)Hispanic Literatures

- SPAN 560 Masterpieces of Hispanic Literatures
 SPAN 685 Theory of Literature
 SPAN 570 Twentieth Century Spanish Literature

Spanish Language

- SPAN 584 History of the Spanish Language
 SPAN 588 Spanish Syntax
 or
 SPAN 589 Dialectology
 SPAN 586 Spanish Phonetics

Option I:

Six (6) semester hours of course work in a second field, as approved by the Graduate Advisor and Dean, and completion of an acceptable thesis (Spanish 691, six hours).

Option II:

Nine (9) semester hours of course work in a second field, as approved by the Graduate Advisor and Dean.

Nine (9) semester hours of course work in the concentration, a second field, or from a related area, as approved by the Graduate Advisor and Dean.

COURSE DESCRIPTIONS

SPANISH
(SPAN)

- 532 THE HISPANIC LITERARY TRADITION
 (3-0) 3 hours credit.
 Foundation and evolution of literature in Spain, Spanish America, and frontierlands and enclaves where Spanish is the language of literature. Literary periods, genres and motifs and their continuity through time and space. Mutual contributions of Hispanic literatures and World Literature.
- 533 THE HISPANIC ORAL TRADITION
 (3-0) 3 hours credit.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- A study of Hispanic "oral literature" (literary folklore), its structure and components. Analysis of oral types: myth, legend, saga, refrains, riddles, etc. The dynamics of oral tradition, its geographical dispersion in the Spanish-speaking world.
- 537 RESEARCH METHODS IN BIBLIOGRAPHY IN HISPANIC STUDIES
(3-0) 3 hours credit.
Methods of research, basic bibliographical tools, critical terminology, techniques of scholarly writing, library procedures applied to Hispanic language, culture and literature.
- 560 MASTERPIECES OF HISPANIC LITERATURES
(3-0) 3 hours credit.
Literary masterpieces as representatives of cultural "peaks", encompassing archetypal trends in style, theme selection and genre structure. The course will deal both with works of Spain and of Spanish America.
- 562 MEDIEVAL HISPANIC LITERATURE
(3-0) 3 hours credit.
A study of Hispanic Medieval epic poetry and balladry, narrative poetry and prose, medieval lyric and the drama, both liturgical and profane. Attention will be given to the relationship between literary types, styles and languages (Galician, Portuguese, and Catalanian).
- 563 HISPANIC RENAISSANCE LITERATURE
(3-0) 3 hours credit.
A study of Hispanic Renaissance epics, poetry, prose and drama. Medieval survivals and Italian innovation. The Spanish awareness of the New World and its reflections in literature. Spaniards writing from Spanish America and their themes: landscape, man, ethics, of the Conquest.
- 564 CERVANTES AND DON QUIJOTE
(3-0) 3 hours credit.
A study of the narrative structure of the novel, its literary motifs, its stylistic devices, and its ideological background. The meaning of Don Quijote in Western tradition with emphasis on the novel's diffusion and influence in Spanish America up to today.
- 566 HISPANIC BAROQUE LITERATURE
(3-0) 3 hours credit.
A study of Hispanic Baroque both in Spain and Spanish America. Literary genres, themes, style and ideological background will be dealt with. Góngora and "Gongorism", Lope de Vega and the drama, the structure and meaning of the picaresque novel, the pastoral novel, the novela corta, the relación, will be analyzed in their creation and spread. Particular emphasis on Mateo Alemán, Sor Juana Inés de la Cruz, Cervantes, Alonso Ovalle, the comedia, the auto and the entremés. The evolution of certain themes like Don Juan theme, the medieval heroic theme, the "life as a dream" theme will be particularly stressed.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 567 HISPANIC ENLIGHTENMENT
(3-0) 3 hours credit.
A study of eighteenth century literary genres in Spain and Spanish America. Analysis of the new rhetoric under the pervading French influence. Focus on the growing self-awareness of the Spanish-American writers and on their acceptance of European ideologies. Special attention to political writings appearing in newly founded periodicals.
- 568 NINETEENTH CENTURY SPANISH-AMERICAN LITERATURE
(3-0) 3 hours credit.
A study of Spanish-American literary genres, themes, and styles. Emphasis on Spanish-American writers' relations to Peninsular and other European literatures. Focus on the historical, the indianista and the costumbrista narrative. Stress on poesía gauchesca and on the essays dealing with the image and function of Spanish-American man.
- 569 NINETEENTH CENTURY SPANISH LITERATURE
(3-0) 3 hours credit.
A study of nineteenth century Spanish narrative, poetry and dramatics. Focus on genre structure, themes and style. Particular emphasis on Espronceda's poetry, Romantic drama and Galdós' novels. Diffusion and influence of Spanish and other European works in Spanish America.
- 570 TWENTIETH CENTURY SPANISH-AMERICAN LITERATURE
(3-0) 3 hours credit.
Spanish-American literary genres, themes, and style. Modernism, Vanguardism and renovation of literature. The novel as vehicle of man and world from Latorre to Gallegos. Mistral, Neruda, Paz and the new poetry. The foundation and transcendence of the new narrative from Asturias to Rulfo. The Mexican-American contribution.
- 571 TWENTIETH CENTURY SPANISH LITERATURE
(3-0) 3 hours credit.
Spanish literary genres, themes and styles. The Generation of '98 and its achievements. Ortega's poetics and its influence in literature up to the Spanish Civil War. Trends in post Civil War literature both in Spain and among exiliados and influence on Spanish America.
- 573 THE HISTORY OF IDEAS IN SPAIN AND SPANISH AMERICA
(3-0) 3 hours credit.
Evolution and evaluation of essayistic literature in Spain and Spanish America dealing with man and his existential characteristics.
- 580 MEXICAN-AMERICAN LITERATURE
(3-0) 3 hours credit.
An examination of the literature of Mexican-American authors. Its expression through poetry, the novel, the short story and the theater. Selections from popular literature such as oral and journalistic. The development of Mexican-American literature as a bicultural and bilingual artistic phenomenon.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 583 STRUCTURE OF SPANISH
 (3-0) 3 hours credit.
 Introduction to the formal framework of analysis and description of the structural characteristics of Spanish on the phonological, morphological, and syntactic levels with attention to structural features of Spanish-American variants.
- 584 HISTORY OF THE SPANISH LANGUAGE
 (3-0) 3 hours credit.
 Chronological development of the Spanish language. Sound changes and morpho-syntactic changes as processes in a living community; attention given to linguistic feature produced through cultural contacts and interaction.
- 585 STYLISTICS AND SEMANTICS
 (3-0) 3 hours credit.
 Style as an individual and community set of expressive patterns seen as meaningful deviations from normative linguistic usage. Meaning through time, space, culture, and style variation. The theory of semantic fields and its application to Peninsular, Spanish-American, and Mexican-American literary and oral examples.
- 586 SPANISH PHONETICS
 (3-0) 3 hours credit.
 Framework of articulatory phonetics applied to the description of Spanish. Attention given to regional and social variation. Practical application of phonetics to pronunciation problems.
- 587 STUDIES IN SPANISH GRAMMAR
 (3-0) 3 hours credit.
 The norms of usage with regard to a wide range of problems in Spanish. Attention given to diagnosing and improving the written Spanish of the student.
- 588 SPANISH SYNTAX
 (3-0) 3 hours credit.
 Introduction to the modern framework of grammatical description and the application of it to Spanish. Consideration of the major syntactic patterns in Spanish and their relevance for achieving an in-depth command of Spanish usage.
- 589 DIALECTOLOGY
 (3-0) 3 hours credit.
 A study of regional and social variation of Spanish with regard to pronunciation, grammar, and vocabulary. Special attention to San Antonio, Mexican-American, and Mexican Spanish.
- 600 INDEPENDENT STUDY
 1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.
 Reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-74 (Continued)

610, 620, 630 SPECIAL PROBLEMS IN SPANISH LANGUAGE

1 to 3 hours credit.

Individual directed readings and conferences on select problems or topics in Spanish Language. May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.

611, 621, 631 SPECIAL PROBLEMS IN HISPANIC CULTURES

1 to 3 hours credit.

Individual directed readings and conferences on select problems or topics in Hispanic Cultures. May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.

612, 622, 632 SPECIAL PROBLEMS IN HISPANIC LITERATURES

1 to 3 hours credit.

Individual directed readings and conferences on select problems or topics in Hispanic Literatures. May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.

680 HISPANIC CULTURE AND CIVILIZATION

(3-0) 3 hours credit.

Historical analysis of cultural currents in Spain and Spanish America as reflected in various periods and works. Special attention to the dynamics of interchange between Spain, Spanish America and Spanish-speaking minorities.

681 SEMINAR IN HISPANIC CULTURES

(3-0) 3 hours credit.

Studies of independent topics not covered in the regular sequence of Hispanic Culture courses. Stress will be on research. May be repeated for credit as the content varies.

682 CONTEMPORARY HISPANIC CULTURES

(3-0) 3 hours credit.

A study of different aspects present in contemporary culture in Spain, Spanish America, and Spanish-speaking minorities. Analysis of Hispanic answers in fields as varied as religion, economics, literature, politics. Stress on the idea of a basic similarity in the Hispanic answer underlining the diversity of reactions to the challenges of the contemporary world.

683 SEMINAR IN HISPANIC LITERATURES

(3-0) 3 hours credit.

Studies of independent topics not covered in the regular sequence of Hispanic Literature courses. Stress will be on research. May be repeated for credit as the content varies.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 684 SEMINAR IN HISPANIC LINGUISTICS
(3-0) 3 hours credit.
Studies of independent topics not covered in the regular sequence of Hispanic Linguistics courses. Stress will be on research. May be repeated for credit as the content varies.
- 685 THEORY OF LITERATURE
(3-0) 3 hours credit.
Language as literature (meta-language). The foundations and structure of literary genres. Literary motifs and themes. Literary functions. Literature and History. Literature and Psychology. Literature and Sociology. Literature and Philosophy. Literature as symbolic form. Tradition and innovation in literary styles. The problems of literary history: period, style, generation, as historical units.
- 691 MASTER'S THESIS
(3-0) 3 hours credit.
May be repeated for credit but not more than 6 hours will apply to the Master's degree. Permission of the instructor is required. Enrollment in SPAN 691 is required each term the thesis is in progress.

COURSE DESCRIPTIONS

ANTHROPOLOGY
(ANTH)

- 529 SUPERVISED FIELD RESEARCH
(0-12) 2 hours credit. Prerequisite: Consent of instructor.
Offered only during the summer, this course must be taken concurrently with ANTH 549. The course is designed to provide intensive training and requires the student to carry out independent research and analysis of field data. May be repeated for credit.
- 530 FOUNDATIONS OF ARCHAEOLOGY
(3-0) 3 hours credit.
A survey of the history and development of Archaeology; research techniques; method and theory of prehistoric research.
- 531 THE ARCHAEOLOGY OF MESOAMERICA
(3-0) 3 hours credit.
A survey of the major features of the native cultures of Mexico and Guatemala. Emphasis will be put on cultural evolution, the growth and decline of civilizations, relationships with natural settings, interaction among the cultures, and continuities into the historical present.
- 532 ARCHAEOLOGICAL BACKGROUNDS OF THE MIDDLE EAST, THE MEDITERRANEAN, AND EUROPE
(3-0) 3 hours credit.
Examination of the major events of prehistory in the area, the establishment of agricultural life, the development of urbanism, and the interaction of the various zones of the area in the evolution of civilization.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1973-74 (Continued)

- 533 REGIONAL NATIVE CULTURES OF NORTH AMERICA
(3-0) 3 hours credit.
A survey of native cultures ranging from the Arctic to the Woodlands of Eastern North America, and the Greater Southwest. The rise of regional variation, the role of native religious movements, the influence of natural environment, and continuities into the historical present will all be considered.
- 535 THE ARCHAEOLOGY OF SOUTH AMERICA
(3-0) 3 hours credit.
A consideration of the major features of native cultures of South America, Central America, and the Caribbean. Emphasis on the variety of cultural forms and cultural evolution. The roles of demography, subsistence systems, militarism, religion, and other factors in the rise of South American cultures will be discussed.
- 536 ETHNOLOGY OF MESOAMERICA
(3-0) 3 hours credit.
Examination of the cultural diversity of the native and ladino cultural traditions of Mexico and Guatemala. The period covered will be the colonial through the recent period although emphasis will be on the latter. Community studies of traditional communities, social structural and economic systems studies, urban anthropology, and other sources will be utilized.
- 549 FIELD COURSE IN ARCHAEOLOGY
(2-12) 4 hours credit. Prerequisite: Consent of instructor.
Offered only during the summer, this field course is designed to provide training in archaeological field procedures. The importance of problem-oriented field research is stressed. Students may not enroll in other courses concurrently, except for ANTH 529. May be repeated for credit.
- 560 LANGUAGE, CULTURE, AND CULTURAL CHANGE
(3-0) 3 hours credit.
Analysis of the nature and function of language and non-verbal communication. Problems of cross-cultural communication and acculturation in relation to cultural conflict with particular emphasis on the Mexican-American. Includes cultural dynamics and directed change.
- 561 FOUNDATIONS OF CULTURAL ANTHROPOLOGY
(3-0) 3 hours credit.
A survey of the problems which are central to the anthropological study of culture, with attention to evolutionary, historical and functional points of view.
- 565 CULTURAL ECOLOGY
(3-0) 3 hours credit.
A systems approach to the inter-relationships between man, culture and the natural world.
- 580 MEDICAL ANTHROPOLOGY
(3-0) 3 hours credit.
Consideration of cultural factors in the practice of medicine, training of physicians, attitudes toward drugs and medical personnel. Psychological elements and value systems in traditional societies and their non-medical explanations and attitudes toward disease, trauma, curing, and preventive medicine.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 581 SEMINAR IN MEXICAN-AMERICAN CULTURE
(3-0) 3 hours credit.
A survey of Mexican-American culture. Special studies in ethnology, ethnography, folklore, and linguistics.
- 600 INDEPENDENT STUDY
1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director- and Dean of the College in which the course is offered
Reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.
- 610, 620, 630 SPECIAL PROBLEMS
1 to 3 hours credit.
May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires the permission of the instructor.
- 631 SEMINAR IN ANTHROPOLOGY OF MESOAMERICA
(3-0) 3 hours credit. Prerequisite: ANTH 531.
Topical focus will vary, but concentration will be on problems of anthropological interest in ethnology, archaeology or ethnohistory. May be repeated for credit.

COURSE DESCRIPTIONS

ENGLISH
(ENGL)

- 530 STUDIES IN RENAISSANCE DRAMA
(3-0) 3 hours credit.
Reading and analysis of plays by Marlowe, Shakespeare, Ben Jonson, Kyd, Beaumont, Fletcher, and others.
- 531 STUDIES IN VICTORIAN POETRY
(3-0) 3 hours credit
A consideration and analysis of poetry by the Brownings, Tennyson, Swinburne, Morris, Rossetti, and others.
- 532 STUDIES IN 19TH CENTURY AMERICAN FICTION
(3-0) 3 hours credit.
Critical analysis of works by Melville, Hawthorne, Howell, James, Twain, Poe and others.
- 533 STUDIES IN THE FICTION OF THE GREATER SOUTHWEST
(3-0) 3 hours credit.
Consideration of the works of Dobie, LaFarge, "The Santa Fe School," Steinbeck, Bret Harte, and others.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 535 MODERN AMERICAN SHORT STORY
(3-0) 3 hours credit.
An in-depth study of the short story from the point of view of structure, theme, and style. Such writers as Hemingway, Welty, Porter, Faulkner, Singer, Updike and others will be considered.
- 537 SHAKESPEARE STUDIES
(3-0) 3 hours credit
Reading and analysis of representative plays.
- 600 INDEPENDENT STUDY
1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.
Reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.
- 610, 620, 630 SPECIAL PROBLEMS
1 to 3 hours credit.
May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.
- 633 SEMINAR: ENGLISH LINGUISTICS
(3-0) 3 hours credit
May be repeated for credit when topics vary. Topics: sociolinguistics, phonological analysis, grammatical analysis, grammar of written English.

COURSE DESCRIPTIONS

ENGLISH AS A SECOND LANGUAGE
(ENSL)

- 531 LINGUISTIC APPROACH TO ENGLISH AS A SECOND LANGUAGE
(3-0) 3 hours credit.
Phonemic and morphemic analysis. Theoretical background to the techniques, and their application as tools to the problems of bilingualism. Consideration of such matters as transformational grammar will be included. Practicum work is required.
- 532 COMPARATIVE LINGUISTIC STRUCTURES OF SPANISH AND ENGLISH
(3-0) 3 hours credit. Prerequisite: ENSL 531.
Detailed analysis and comparison of linguistic structures of the two languages with an emphasis on problem areas of bilinguals. Means of dealing with these problems will be emphasized.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 561 TEACHING ENGLISH AS A SECOND LANGUAGE
(3-0) 3 hours credit.
Survey of the basic philosophies and approaches in methodologies in teaching the oral aspects of English as a second language. Includes practice in techniques for developing oral language and incidental learning.
- 562 READING TECHNIQUES IN ENGLISH AS A SECOND LANGUAGE
(3-0) 3 hours credit.
The teaching of reading English as a second language with emphasis on the development of audio-lingual mastery as a basis of reading development -- all within a cross-cultural context. Exploration of testing techniques and the use of audio-lingual materials applicable to the development of cognition skills.
- 610, 620, 630 SPECIAL PROBLEMS
1 to 3 hours credit.
May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.

COURSE DESCRIPTIONS

FOREIGN LANGUAGES
(FL)

- 531 BASIC RESEARCH DESIGN IN FOREIGN LANGUAGES
(3-0) 3 hours credit. Prerequisite: A basic statistics course.
Consideration of basic concepts of research design, strategies and sources. An examination of tests and measurements, multivariate statistics, and computer-assisted instruction. Includes field experience and data analysis.
- 561 FOREIGN LANGUAGE MEDIA INSTRUCTION
(3-0) 3 hours credit.
Consideration of all media in implementation of foreign language instruction and curriculum, survey of the basic philosophies and approaches in methodology in the teaching of foreign language.

COURSE DESCRIPTIONS

GEOGRAPHY
(GEOG)

- 535 THE REGIONAL GEOGRAPHY OF THE GREATER SOUTHWEST
(3-0) 3 hours credit.
The physical and cultural characteristics of the American Southwest, including Texas, and the adjacent parts of Mexico. Both Pre-Hispanic and European periods will be considered.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 561 CULTURAL AND PHYSICAL GEOGRAPHY OF NORTH AMERICA
(3-0) 3 hours of credit.
Physical and cultural characteristics of the human use of the North American continent both in aboriginal times and after European contact. Ecological zoning, settlement patterning, demographic developments, cultural influence and modification of the landscape will be among the topics covered.
- 563 CULTURAL AND PHYSICAL GEOGRAPHY OF MIDDLE AMERICA
(3-0) 3 hours credit.
Physical and cultural characteristics of human occupation of the area between the Greater Southwest and South America. Ecological and cultural diversity, economic interdependence, demographic history, aboriginal and European land use will be included in the course.
- 565 CULTURAL AND PHYSICAL GEOGRAPHY OF SOUTH AMERICA
(3-0) 3 hours credit.
Characteristics of aboriginal and post-European land use and interaction among the varying ecological settings of South America. Contrasts between the settlement patterns and land use of the tropical forest zones, the Andes, and the llanos of the Southwest.
- 567 CULTURAL AND PHYSICAL GEOGRAPHY OF THE MEDITERRANEAN AND EUROPE
(3-0) 3 hours credit.
Consideration of the prehistoric and historic periods in ecological interaction with human populations. Such matters as central place theory, etc., will be used to explain settlement patterns and economic developments. Topics such as the Roman subsistence dependence on North Africa will be included.
- 581 ECONOMIC GEOGRAPHY
(3-0) 3 hours credit.
Substantive and theoretical consideration of the economic implications of geography. Topics include the development of industrial patterns, subsistence patterns, transportation systems, and resource exploitation. Central place theory, Boserup's theory of agricultural growth, and other theoretical matters will be considered.
- 600 INDEPENDENT STUDY
1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.
Reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.
- 610, 620, 630 SPECIAL PROBLEMS
1 to 3 hours credit.
May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires consent of instructor.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 631 SEMINAR IN THE GEOGRAPHY OF LATIN AMERICA
(3-0) 3 hours credit
May be repeated for credit when topics vary.

COURSE DESCRIPTIONS

HISTORY
(HIST)

- 530 SEMINAR IN AMERICAN STATE AND LOCAL HISTORY
(3-0) 3 hours credit.
The nature of history and its writing; the relationship of local and immediate events to national and regional affairs; the possibilities for classroom use of local history in stimulating student interest in broader historical matters; use of local source materials such as county, community, and private documents.
- 531 SEMINAR IN TEXAS HISTORY
(3-0) 3 hours credit
Intensive examination of the major issues of Texas History.
- 532 READINGS SEMINAR IN AMERICAN HISTORY FOR TEACHERS
(3-0) 3 hours credit.
Individually tailored programs of readings for high school history teachers, coordinated in a seminar.
- 533 COLLOQUIUM ON MAJOR ISSUES IN AMERICAN HISTORY
(3-0) 3 hours credit
A series of related presentations by staff and outside scholars on current controversies, major interests, trends, and new research in American History. Students will be expected to prepare for each colloquium by appropriate reading.
- 560 HISTORY OF SOUTH AMERICA: THE COLONIAL PERIOD
(3-0) 3 hours credit.
Includes consideration of the Caribbean; covers 1492 to 1810. Portuguese colonization of Brazil; the conquest of Peru and the civil wars; the conflict between crown and colonists over native populations; Jesuit settlements in Paraguay; social, political and cultural developments within the colonies; the economic basis of The Wars of Independence.
- 561 HISTORY OF SOUTH AMERICA: THE EARLY REPUBLICAN AND MODERN PERIODS
(3-0) 3 hours credit.
The Wars of Independence; conservative/liberal conflicts and civil wars in the early republican period; the War of the Pacific; social, economic and political developments; Brazil as a separate tradition. Relations between South American republics and the United States; the Panama Canal incident; European immigration; industrialization and social change; World War II; demographic changes and foreign immigration; Communism and revolutionary movements; Castro and Cuba.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 570 EUROPEAN HISTORY: THE AGE OF EXPLORATION
(3-0) 3 hours credit.
Focuses on 15th and 16th century European contacts and discovery of the other parts of the world. Political, economic, and cultural impacts.
- 571 EUROPEAN HISTORY: A SURVEY OF ENGLISH HISTORY
(3-0) 3 hours credit.
Consideration of the major features on English cultural, political, economic, and military history. Detailed examination of selected eras and events, such as the Elizabethan period, the Industrial Revolution, the establishment of the Indian Empire, and the Puritan Revolution.
- 573 EUROPEAN HISTORY: THE MODERN ERA, 1815-1945.
(3-0) 3 hours credit.
Restructuring of European politics after Waterloo; nationalist movements, Italy and Greece; the Pan-Slavic movement; the Franco-Prussian War; Socialist movements and Marxism; rise of Germany; colonial and imperial rivalries; World War I; the Russian Revolution; between the world wars; dictatorships and totalitarian movements; World War II.
- 580 HISTORY OF MEXICO AND GUATEMALA: THE COLONIAL PERIOD
(3-0) 3 hours credit.
Survey and detailed examination of the major events, trends and developments during the period of Spanish domination from 1521 to 1810. Consideration will be made of the legacy of native culture and social systems from the Pre-Hispanic past. Demographic, social and economic disruptions and readjustments in the early colonial period; the viceroyalty.
- 581 HISTORY OF MEXICO AND GUATEMALA: THE EARLY REPUBLICAN PERIOD
(3-0) 3 hours credit.
The background of the War of Independence; the wars themselves; economic and social changes and developments in republican times; European interventions; the War with the United States; conservative and liberal conflicts; the Porfiriato. The Central American Federation. European immigration to Guatemala in the 19th century.
- 582 HISTORY OF MEXICO AND GUATEMALA: THE MODERN PERIOD
(3-0) 3 hours credit.
The revolution of 1910 in Mexico; Madero, Obregón, Zapata, Villa; intervention; Calles and the anti-clerical movement; stabilization; Cárdenas and the Petroleum Crisis. Guatemala and the dictatorship of Ubico; World War II and changes in Mexico and Guatemala. Post-war developments. Indigenismo.
- 583 MAKERS OF LATIN AMERICAN HISTORY
(3-0) 3 hours credit.
A study of Latin American History through biographical studies of the major figures of Latin American History.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 587 SEMINAR IN THE HISTORY OF MEXICO
(3-0) 3 hours credit.
May be repeated for credit when topics vary.
- 590 THE GREATER SOUTHWEST
(3-0) 3 hours credit.
A study of the regional events of the area and their relationships to larger matters in Mexico and the United States during the nineteenth and twentieth centuries. Historical perspectives of U.S. and Mexico relations in which political, intellectual, and economic developments are interwoven with sociological and demographic questions.
- 591 AMERICAN HISTORY: SEMINAR IN SOUTHWEST HISTORY
(3-0) 3 hours credit.
May be repeated as topics vary.
- 600 INDEPENDENT STUDY
1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.
Reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.
- 610, 620, 630 SPECIAL PROBLEMS
1 to 3 hours credit.
May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.
- 635 HISTORIOGRAPHY
(3-0) 3 hours credit.
An examination of the nature of history, historical method, appraisal of sources, and presentation of results.
- 660 THE AGE OF IMPERIALISM: EIGHTEENTH THROUGH TWENTIETH CENTURIES
(3-0) 3 hours credit.
Imperial rivalries, industrialization and imperialism, late nineteenth century imperialism, indigenous reactions, decolonization, and national liberation movements.

COURSE DESCRIPTIONS

POLITICAL SCIENCE
(POSC)

- 531 AMERICAN POLITICAL PARTIES
(3-0) 3 hours credit.
An introductory analysis of the institutions, processes, and techniques of political management in the United States. Emphasis will be on the contemporary era and its historical evolution.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 533 COMPARATIVE POLITICAL INSTITUTIONS AND PROCESSES
(3-0) 3 hours credit.
A cross-national analysis of specific institutions, processes, and problems. Topics include: political parties, interest groups, bureaucracies, legislatures, political socializations, political leadership, political system performance, etc.
- 535 CONTEMPORARY ISSUES IN AMERICAN GOVERNMENT
(3-0) 3 hours credit. Prerequisite: Graduate standing.
An in-depth examination of the contemporary issues and problems involving government and politics in American society.
- 562 POLITICAL ORGANIZATION OF URBAN CENTERS
(3-0) 3 hours credit.
An analysis of the alternative types of governmental organizations available to operate cities. The various alternative systems as they affect the development of cities and regions are evaluated.
- 600 INDEPENDENT STUDY
1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.
Reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.
- 610, 620, 630 SPECIAL PROBLEMS
1 to 3 hours credit.
May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.

COURSE DESCRIPTIONS

SOCIOLOGY
(SOC)

- 560 JUVENILE DELINQUENCY
(3-0) 3 hours credit.
Analysis of classic and modern research regarding the causes, prediction, and prevention of juvenile delinquency with applications to schools, courts and correctional institutions.
- 600 INDEPENDENT STUDY
1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.
Reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

610, 620, 630 SPECIAL PROBLEMS

1 to 3 hours credit

May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor

635 SOCIO-PSYCHOLOGICAL DIMENSIONS OF WORK

(3-0) 3 hours credit.

Problems faced by members of the labor force in an industrialized society and the accompanying stresses that human specialization, obsolescence place on the individual. The impact of work on labor force attitudes and performance. Labor force activity is examined against different cultural backgrounds. Programs to create a better work climate are examined.

636 SEMINAR IN URBAN SOCIAL STRATIFICATION

(3-0) 3 hours credit.

Sociological theories of social organization in urban contexts and recent research in such matters as inter-ethnic relations and sub-systems of stratification.

637 SEMINAR IN FAMILY RELATIONS

(3-0) 3 hours credit.

Examination of specialized areas within the family studies area such as adult education for marriage and workshop sessions for teachers of family courses in public schools.

638 SEMINAR IN ADVANCED SOCIAL PSYCHOLOGY

(3-0) 3 hours credit

Study of theoretical and substantive bases of social action groups, together with a consideration of the influence of cultural patterns upon individual action patterns.

639 SEMINAR IN APPLIED SOCIAL SCIENCE

(3-0) 3 hours credit.

The application of social science materials, methods, and theories to problems of society at large, government, and small group relations will be evaluated. Case studies will be presented and discussed.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

COLLEGE OF MULTIDISCIPLINARY STUDIES

The College of Multidisciplinary Studies, in many ways, epitomizes the spirit and direction of The University of Texas at San Antonio as an academic community. For the most part, this College offers only graduate degrees even though it pervades the entire University by providing non-traditional and relevant courses which are vital to The University's total curriculum. The programs offered in this College are blends of several disciplinary areas, welded into a speciality that is dependent upon specific knowledge in each area. Many of the innovative and experimental programs generated by The University will find their places within the College of Multidisciplinary Studies.

Master of Arts Degree in Bicultural-Bilingual Studies

Concentrations in:

Bicultural-Bilingual Teacher Education

Bicultural Studies

The Master of Arts Degree in Bicultural-Bilingual Studies is designed to meet several societal needs through advanced multidisciplinary study in the fields of language and culture.

Bicultural-Bilingual Teacher Education. This concentration usually follows on the baccalaureate degree in Early Childhood, Elementary, and Secondary Education and provides intensive bicultural-bilingual teacher preparation, including intensive training in language (primarily Spanish and English) and in associated cultural studies. Preparation will also include such related areas as history, literature, linguistics, psychology, sociology, cultural anthropology and the arts.

Special Admission Requirements. In addition to satisfying the university-wide admission requirements students entering this program must demonstrate proficiency in both the Spanish and English languages (1) by obtaining a satisfactory score on the Modern Language Association Foreign Language

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

Proficiency Examination or (2) by giving other evidence acceptable to the Division of Bicultural-Bilingual Studies.

Degree Requirements. All candidates for the Master of Arts Degree in Bicultural-Bilingual Studies will be required to select a concentration and successfully complete one of the following Options for their concentration as indicated below.

Concentration in Bicultural-Bilingual Teacher Education

Option I (a total of 30 semester hours including a thesis)
Possible courses for selection are:

BCBL	530	Cultural Dimensions of the Spanish and English Languages
BCBL	531	Foundations of Hispanic Cultures
BCBL	532	Biculturalism: U.S.-Mexico
BCBL	571	Cultural Adaptation Supportive of Bilingualism
BCBL	573	Foundations of Bicultural-Bilingual Education
BCBL	575	Techniques of Teaching to Develop Bilingualism
BCBL	578	Teaching Content in a Bicultural-Bilingual Education Program
BCBL	691	(6 hours) Master's Thesis

Nine (9) semester hours of supporting course work, as approved by the Graduate Advisor and Dean.

Students may be exempted from courses for which they demonstrate satisfactory knowledge to the Division of Bicultural-Bilingual Studies.

Option II (a total of 36 semester hours, non-thesis program)
Possible courses for selection are:

BCBL	530	Cultural Dimensions of the Spanish and English Languages
BCBL	531	Foundations of Hispanic Cultures
BCBL	532	Biculturalism: U.S.-Mexico
BCBL	571	Cultural Adaptation Supportive of Bilingualism
BCBL	573	Foundations of Bicultural-Bilingual Education
BCBL	575	Techniques of Teaching to Develop Bilingualism
BCBL	578	Teaching Content in a Bicultural-Bilingual Education Program
BCBL	630	Special Problems in Bilingual Education

Nine (9) semester hours of course work in a second field, as approved by the Graduate Advisor and Dean.

Nine (9) semester hours of course work in Bicultural Studies, the second field, or from a related area, as approved by the Graduate Advisor and Dean.

Students may be exempted from courses for which they demonstrate satisfactory knowledge to the Division of Bicultural-Bilingual Studies.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

Bicultural Studies. This concentration offers an intensive program of studies preparing students to attain an in-depth familiarity with physical, social, and economic environment of the cultures studied and is designed to help prepare students for a variety of career opportunities, e.g., in business, government service, international relations, politics, public relations, social work, etc. Work in this degree plan may be related to the area of the student's undergraduate major. Special attention to a chosen cultural setting, to be studied through several disciplines, is intended to provide the student with a specialized knowledge in his selected area.

Special Admission Requirements. In addition to satisfactory university-wide admission requirements, students entering this program must demonstrate proficiency in both Spanish and English languages (1) by obtaining a satisfactory score on the Modern Language Proficiency Examination or (2) by giving other evidence acceptable to the Division of Bicultural-Bilingual Studies.

Degree Requirements. All candidates for the Master of Arts Degree in Bicultural-Bilingual Studies will, in addition to observing the General Regulations for the Master's Degree, be required to select a concentration and successfully complete one of the following Options for their concentration as indicated below.

Concentration in Bicultural Studies

Option I (a total of 30 semester hours including a thesis)
Possible courses for selection are:

BCBL	530	Cultural Dimensions of the Spanish and English Languages
BCBL	531	Foundations of Hispanic Cultures
BCBL	532	Biculturalism: U.S.-Mexico
ANTH	581	Seminar in Mexican-American Culture
HIST	590	The Greater Southwest
BCBL	691	(6 hours) Master's Thesis

One of the following courses or its equivalent:

SOC	636	Seminar in Urban Social Stratification
SPAN	580	Mexican-American Literature
HAAC	561	Art and Architecture of Mexico and Mexican America

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

Six (6) semester hours of course work in a supporting area, as approved by the Graduate Advisor and Dean.

Students may be exempted from courses for which they demonstrate satisfactory knowledge to the Division of Bicultural-Bilingual Studies.

Option II (a total of 36 hours, non-thesis program)

Possible courses for selection are:

BCBL	530	Cultural Dimensions of the Spanish and English Languages
BCBL	531	Foundations of Hispanic Cultures
BCBL	532	Biculturalism: U.S.-Mexico
ANTH	581	Seminar in Mexican-American Culture
HIST	590	The Greater Southwest
SPAN	580	Mexican-American Literature
HAAC	561	Art and Architecture of Mexico and Mexican America

Nine (9) semester hours of course work in a second field, as approved by the Graduate Advisor and Dean.

Nine (9) semester hours of course work in Bicultural-Bilingual Studies, or from a second field, or in a related area, as approved by the Graduate Advisor and Dean.

Students may be exempted from courses for which they demonstrate satisfactory knowledge to the Division of Bicultural-Bilingual Studies.

COURSE DESCRIPTIONS

BICULTURAL-BILINGUAL STUDIES
(BCBL)

- 530 CULTURAL DIMENSIONS OF THE SPANISH AND ENGLISH LANGUAGES
(3-0) 3 hours credit.
Examination of the requirements for effective communication both in the native and target languages emphasizing the interrelationship between cultural and linguistic conflict and social change.
- 531 FOUNDATIONS OF HISPANIC CULTURES
(3-0) 3 hours credit.
A study of Iberian history and the confluence of cultures resulting from the colonization of America. A survey of the content of intellectual and artistic development as evidenced in the utilization of the physical, cultural, spiritual and human resources of the Iberian Peninsula and Spanish America. Methods and techniques of cultural analysis.
- 532 BICULTURALISM: U.S.-MEXICO
(3-0) 3 hours credit.
A general historical perspective and study of present-day interactions between educational, economic, socio-political, and religious institutions of the U.S. Southwest and the bicultural individual.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 571 CULTURAL ADAPTATION SUPPORTIVE OF BILINGUALISM
(3-0) 3 hours credit.
A study of the social and cultural institutions, relationships, attitudes, goals, values, and concepts necessary for acculturation and bilingual assimilation.
- 573 FOUNDATIONS OF BICULTURAL-BILINGUAL EDUCATION
(3-0) 3 hours credit.
A thorough investigation of the philosophies, research, and theories of bicultural-bilingual education as it relates to the learning process of individual children.
- 575 TECHNIQUES OF TEACHING TO DEVELOP BILINGUALISM
(3-0) 3 hours credit.
A study of the different methodologies, approaches and techniques applicable in developing bilingualism.
- 576 BILINGUAL PROGRAMS IN ADULT EDUCATION
(3-0) 3 hours credit.
A study of the development, selection, methodology, and utilization of materials in bilingual programs specifically designed for adults, including examination of teaching practices and materials.
- 577 TESTING AND EVALUATION IN BILINGUAL EDUCATION
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
Test validity and interpretation of scores; construction of appropriate tests and rating scales to measure bilingual knowledge, skills and attitudes; application and adaptation of standardized instruments.
- 578 TEACHING CONTENT IN A BICULTURAL-BILINGUAL EDUCATION PROGRAM
(3-0) 3 hours credit.
Investigating curriculum and materials in different content areas appropriate to the teaching of the bilingual child and utilizing the native language as a medium of instruction.
- 580 READING TECHNIQUES IN A BICULTURAL-BILINGUAL PROGRAM
(3-0) 3 hours credit. Prerequisite: Some background in contrastive linguistics or TESOL is desirable.
The teaching of reading in the native language and its transferability to the second language emphasizing various processes in reading, oral language development, age factor, and cognitive development.
- 590 PSYCHOLOGICAL CONSIDERATIONS IN A BICULTURAL ENVIRONMENT
(3-0) 3 hours credit.
A study of psychological factors affecting the learning styles of children in bicultural environments emphasizing language behavior, psychological and linguistic units, and cognitive styles.
- 600 INDEPENDENT STUDY
1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

Reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.

610, 620, 630 SPECIAL PROBLEMS

1 to 3 hours credit.

May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.

660 PROTOTYPES IN BICULTURAL-BILINGUAL EDUCATION

(3-0) 3 hours credit.

An investigation of theoretical prototypes in bicultural-bilingual education. Emphasis on criteria for selection, community needs, availability of resources, the process for implementation, and management.

691 MASTER'S THESIS

(3-0) 3 hours credit

May be repeated for credit but not more than 6 hours will apply to the Master's degree. Permission of the instructor is required. Enrollment in BCBL 691 is required each term the thesis is in progress.

Master of Arts Degree in Education

Concentrations:

Cultural Foundations of Education
Curriculum and Instruction
Early Childhood and Elementary Education
Educational Management
Institutions of Higher Education

The Master of Arts Degree in Education offers five areas of concentration so that students may choose a program of study most suitable to their needs and objectives. Degree plans are designed to prepare competent personnel for public and private elementary and secondary schools, junior colleges, and senior colleges and universities, as well as governmental agencies. At the heart of each degree program is the concept of flexibility which enables the degree program to be tailor-made to the particular needs of individual students.

The concentration in Cultural Foundations of Education is suitable for

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

students who intend to complete a Master's degree preparatory to pursuing a Ph.D. degree in Education.* The degree program provides broad based expertise in professional education. Research capabilities and cultural investigations are integrated throughout the program. Opportunities are included in the program for students to expand their proficiencies in related and supporting areas.

The concentration in Curriculum and Instruction is one of the most important parts of professional education at the graduate level. The student in this concentration will be provided a broad education in professional and academic areas. Throughout the program the concepts of curricular innovation and excellence of teaching will be stressed. Classroom teachers will find this concentration of particular interest because of the opportunities to blend subject matter and curricular and instructional concepts with applied research and, as a result, demonstrate educational leadership.

The Early Childhood and Elementary Education concentration will stress human growth and development since to a large extent, the adult characteristics of an individual are determined long before he reaches first grade. Included in the program is learning theory and familiarization with current research and research methods. Students in this program will learn how to observe and identify symptoms of learning problems as well as knowing how to cope with them effectively. This concentration is designed primarily for experienced classroom teachers at the early childhood and elementary levels.

The concentration in Education Management is designed for those individuals who desire careers in public and private school systems, elementary schools, or secondary schools in administrative positions. This concentration will help individuals to understand instructional problems and educational philosophies as well as to develop expertise in management and the

*Doctoral degree programs may also be available, at a future date, in the other four concentrations in Education.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

applications of management to educational settings. Sufficient flexibility is provided to allow students in this program to obtain additional training in related areas which will increase effectiveness in the educational setting while increasing their broad knowledge of the elementary and secondary educational processes. Students seeking administrative certification will be able to complete the requirements for this concentration while obtaining professional certification in administration and supervision.

The Institutions of Higher Education concentration is designed for those individuals seeking careers in the areas of teaching or administration at the junior college, college, or university level. While many professionals will continue beyond the Master's level and seek the Ph.D. degree in this area, this program serves both the student for whom the MA degree is terminal and the student who is pursuing the MA degree as an intermediate program leading to the doctorate. Sufficient flexibility is incorporated in the program to allow students to obtain an understanding of the role, scope, and interactions of institutions of higher education, along with specialized areas in which professional competency will be required. In addition to studying the particular characteristics of institutions of higher education and the multitude of critical issues involved, students will complete considerable work outside the area of professional education which is especially applicable to the particular area of career interest. (For example, a student whose goal is to teach chemistry may do much of his course work in that area; a student whose objective is college administration may take courses in management; etc.)

Special Admission Requirements. Students seeking admission to the Master of Arts Degree in Education will be required to meet the university-wide admission criteria. Individuals without adequate preparation in Education may be required to complete satisfactorily preparatory courses as a condition of admission; however, UT San Antonio will not offer undergraduate preparatory work until The University is on its permanent campus.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

Degree Requirements. All degree candidates in Education are required to have the following experiences:

1. Research Methods in Education (EDUC 530)
2. Values and Their Relationship to Education (EDUC 581 or EDUC 532)
3. Learning Psychology (EDUC 561 or EDUC 565)
For students in the appropriate concentrations ECED 563 or HED 591 may be substituted.
4. An appropriate course in curriculum (CURR 591 or CURR 571 for a concentration in C & I, CURR 561 or CURR 562 for Early Childhood and Elementary, CURR 581 or HED 561 for Higher Education, CURR 660 for Ed. Management, or others).

In addition all students are required to have a minimum of 6-9 hours in one of the 5 Education concentrations and a minimum of 15-18 hours of electives (planned with the help of the assigned advisor and approved by the student's degree supervisory committee) for Option II or a minimum of 3-6 hours of electives for Option I-Thesis option. It is recommended that students following Option I elect EDUC 531, Inferential Educational Statistics, as one course in their programs. Students who wish to be recommended for a Teaching Certificate as well as to obtain a degree may have to use electives in meeting certification requirements.

COURSE DESCRIPTIONS

CURRICULUM AND INSTRUCTION
(CURR)

- 561 EARLY CHILDHOOD AND ELEMENTARY SCHOOL CURRICULA
(3-0) 3 hours credit. Prerequisite: EDUC 530.
A systematic analysis of early childhood and elementary school curricula. A critical study of objectives, methods of organization, content, methods, and materials of learning used with young children.
- 562 ELEMENTARY SCHOOL CURRICULA
(3-0) 3 hours credit.
A systematic analysis of elementary school curricula. A critical study of the objectives, methods of curricular organization, and content used with elementary school children.
- 565 MATERIALS, METHODS AND TECHNIQUES IN TEACHING EARLY CHILDHOOD EDUCATION
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
A study of the methodologies and techniques effective in teaching kindergarten and preschool children. Construction and use of materials for teaching at the level of student ability.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 568 ADVANCED CURRICULUM DESIGN FOR EARLY CHILDHOOD EDUCATION
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
An analysis of the theoretical basis for curriculum building:
developmental levels, domains of learning, taxonomy of objectives.
- 571 SECONDARY SCHOOL CURRICULA
(3-0) 3 hours credit. Prerequisite: EDUC 530.
A systematic analysis of secondary school curricula. A critical
study of objectives, methods of organization, content, methods
and materials of learning used with youth.
- 581 HIGHER EDUCATION CURRICULA
(3-0) 3 hours credit. Prerequisite: EDUC 530.
A systematic analysis of higher education curricula. A critical
study of objectives, methods of organization, content, methods
and materials of learning used with college students.
- 591 CURRICULUM THEORY AND DYNAMICS
(3-0) 3 hours credit. Prerequisite: EDUC 561 or EDUC 571 or
EDUC 581.
An examination of theoretical structures underlying curriculum
considerations and the implications of these to processes of
curricular planning, development and change.
- 595 DEVELOPMENT OF INSTRUCTIONAL MATERIALS
(3-0) 3 hours credit.
A course dealing with the development and implementation of
instructional materials. Special attention will be given to
designing programs suitable for audio-visual tutorial, self-
paced instruction that will permit flexibility for different
student learning styles.
- 600 INDEPENDENT STUDY
1 to 3 hours credit. Prerequisite: Graduate standing and
permission in writing (form available) of the instructor,
the student's graduate advisor, and the Division Director
and Dean of the College in which the course is offered.
Reading, research, discussion, and/or writing under the
direction of a faculty member. For students needing specialized
work not normally or not often available as part of the
regular course offerings. May be repeated for credit, but not
more than 6 hours will apply to the Master's degree.
- 610, 620, 630 SPECIAL PROBLEMS
1 to 3 hours credit.
May be repeated but not more than 6 hours will apply to a Master's
degree. All work required for credit must be submitted to the
instructor two weeks prior to the final examination period and
must be completed no later than one year from the date of
enrollment in the course. Requires permission of the instructor.
- 660 SUPERVISION: THEORETICAL BASIS
(2-1) 3 hours credit.
An application of learning theory, curriculum development theory,
and educational planning theory to curricular development and
instructional supervision.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 661 SUPERVISION: TEACHING-LEARNING PROCESS
(2-1) 3 hours credit.
The analysis and application of models of the teaching-learning process to instructional supervision.
- 662 SUPERVISION: TOOLS AND TECHNIQUES
(2-1) 3 hours credit.
The study and application of content, interaction and climate analysis techniques, and the development of communication and interpersonal skills needed for working with teachers.
- 670 OCCUPATIONAL INFORMATION AND RESOURCES
(3-0) 3 hours credit. Prerequisite: EDP 530.
A study of occupations, requirements for entry, and means of satisfying personality needs.

COURSE DESCRIPTIONS

EARLY CHILDHOOD AND ELEMENTARY EDUCATION
(ECED)

- 561 SEMINAR ON DEVELOPMENT IN EARLY CHILDHOOD AND INFANCY
(3-0) 3 hours credit.
Studies of the results of stimulating sensory equipment in the early years and investigation of insufficient psychological and physiological nourishment. Deviations from steady differentiation of emotional responses during early childhood, achievement motivation and studies of frustration and tolerance. Includes suggested practices that may enable future generations to avoid developmental disruptions and to alleviate existing developmental handicaps.
- 563 PRE-SCHOOL LEARNING THEORIES
(3-0) 3 hours credit.
Analysis of ideas and practices advocated by leading contemporary early childhood specialists. Evaluation of these approaches through the observation of children to determine the degree of adequacy and practicality of these theories.
- 565 BEHAVIOR DISORDERS IN CHILDREN
(3-0) 3 hours credit. Prerequisite: EDUC 530.
A careful analysis of the total array of the learning strengths and weaknesses of the child at each stage of development as the basis of his curricular diet.
- 570 READING IN ELEMENTARY SCHOOL
(3-0) 3 hours credit.
An analysis of fundamental concepts and principles of reading. Studies of methodology in organizing and teaching an eclectic program of reading.
- 571 DIAGNOSTIC AND CORRECTIVE READING TECHNIQUES
(3-0) 3 hours credit.
Diagnosis of reading disabilities, remedial measures, and work with clinical cases. Incentives and skills used to teach the poor reader.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 572 CLINICAL READING TECHNIQUES
(2-1) 3 hours credit.
The development of diagnostic and remedial skills of students, including the linguistically different student, through the study of clinical instruments, research, informal measurements and remedial approaches used in reading clinics.
- 573 SEMINAR IN READING
(3-0) 3 hours credit.
A directed intensive study of selected problems in reading with emphasis on current trends and research. Special emphasis given to problems of the linguistically different child.
- 575 LANGUAGE DEVELOPMENT DURING EARLY CHILDHOOD
(3-0) 3 hours credit.
Patterns of acquisition of language skills among the young of diverse ethnic groups will be analyzed in order to identify experiences that promote language development in early childhood.
- 578 DIAGNOSTIC AND PRESCRIPTIVE WRITING IN EARLY CHILDHOOD EDUCATION
(2-1) 3 hours credit. Prerequisite: Consent of instructor.
Development of the skills of diagnosing the writing needs of young children and the writing of educational strategies to meet these needs. Practical experience in these skills.
- 581 SPECIALIZED INSTRUCTION IN THE ELEMENTARY SCHOOL
(3-0) 3 hours credit. Prerequisite: EDUC 530.
Depth investigations of experimental programs in special areas of knowledge such as Mathematics, Science, Social Studies, will be made. Students will complete a field study.
- 595 SEMINAR IN EARLY CHILDHOOD EDUCATION
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
Analysis of the historical and contemporary issues in Early Childhood Education with emphasis on current research and the role of the family in the education of children.
- 597 ADMINISTRATION OF EARLY CHILDHOOD PROGRAMS
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
A study of the organization, structure, and operation of Kindergarten, Day-care, and Nursery programs, both public and private. Implications for elementary education.
- 599 PRACTICUM IN KINDERGARTEN
(2-1) 3 hours credit. Prerequisite: 9 semester hours in Early Childhood--courses relating to kindergarten.
Practical experiences in a state-approved kindergarten program under a qualified teacher. Seminar presentations and discussion of methods coupled with practical application in the kindergarten setting.
- 600 INDEPENDENT STUDY
1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.
Reading, research, discussions, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

610, 620, 630 SPECIAL PROBLEMS

1 to 3 hours credit.

May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.

COURSE DESCRIPTIONS

EDUCATION
(EDUC)

530 RESEARCH METHODS IN EDUCATION

(3-0) 3 hours credit. Prerequisite: Admission to graduate program. Basic concepts of research design, strategies of experimental, historical, and descriptive research, and basic statistical procedures are introduced. Participants use these concepts to read, interpret, and evaluate educational research and to plan and conduct such research. A field study will be required.

531 INFERENCEAL EDUCATIONAL STATISTICS

(3-0) 3 hours credit. Prerequisite: EDUC 530.

The concept of inferential statistics in education as a means of drawing conclusions and interpreting results is a central theme. A variety of statistical techniques often used in educational research are introduced with the intent of having students be able to elect the appropriate statistical procedure and interpret the results.

532 EVOLUTION OF EDUCATIONAL THOUGHT

(3-0) 3 hours credit.

An analysis of the educational writings and teachings of Plato, Aristotle, the Scholasticists, Comenius, Dewey, Froebel, Herbart, Kant, Locke, Pestalozzi, Rousseau, and Spencer and the impact on contemporary educational theory and practice.

561 PSYCHOLOGICAL BASIS FOR LEARNING

(3-0) 3 hours credit. Prerequisite: EDUC 530.

A concentrated analysis of mental processes important to learning and an evaluation of the major concepts, theories, and results of research in learning as applied to education.

563 SOCIO-ECONOMIC PROBLEMS IN EDUCATION

(3-0) 3 hours credit. Prerequisite: EDUC 530.

Identification and analysis of the major socio-economic problems in education, evaluation of attempted historical solutions, and policy information.

565 LEARNING THEORIES RELATED TO HUMAN DEVELOPMENT

(3-0) 3 hours credit.

Based on the observation of students and the study of learning theories, the relationships of age group characteristics, develop-

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

ment tasks, behavioral changes from pre-school through high school to academic achievement are studied.

- 571 LEGAL FOUNDATIONS OF EDUCATION
(3-0) 3 hours credit.
Analysis of current legal basis and practices in the governance of education and the implications of significant court decisions pertaining to school operations.
- 581 CONTEMPORARY EDUCATIONAL PHILOSOPHY
(3-0) 3 hours credit.
A critical examination of selected contemporary philosophies and an evaluation of their assimilation into educational thought and practices.
- 583 SEMINAR IN SOCIAL FOUNDATIONS OF EDUCATION
(3-0) 3 hours credit.
A study of the interaction of education and other social agencies.
- 585 EDUCATION, CULTURE DIFFERENCES AND ACCULTURATION
(3-0) 3 hours credit.
Educational changes and adjustments resulting from the interaction of a variety of different cultural backgrounds in the modern school. Specialized techniques, processes and programs designed for the pre-school and primary levels to meet unique learning needs of the non-English speaking child.
- 591 PRINCIPLES AND TECHNIQUES OF EVALUATION
(3-0) 3 hours credit.
Study of the role of evaluation, development of instruments for assessing the products of learning and the techniques for interpreting and communicating evaluation results.
- A Elementary
B Secondary
C Higher Education
- 600 INDEPENDENT STUDY
1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and the Dean of the College in which the course is offered.
Reading, research, discussions, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.
- 610, 620, 630 SPECIAL PROBLEMS
1 to 3 hours credit.
May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.
- 660 THE EXCEPTIONAL CHILD IN THE SCHOOL
(3-0) 3 hours credit.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

Study of children with unusual educational problems: educable and trainable mentally retarded, cerebral palsied, gifted, learning disabled; educational strategies for facilitating their learning; field experiences.

- 691 MASTER'S THESIS
 (3-0) 3 hours credit.
 May be repeated for credit but not more than 6 hours will apply to the Master's degree. Permission of the instructor is required. Enrollment in EDUC 691 is required each term the thesis is in progress.

COURSE DESCRIPTIONS

EDUCATIONAL MANAGEMENT
 (EDMG)

- 530 GENERAL SCHOOL ADMINISTRATION
 (3-0) 3 hours credit. Prerequisite: One year of teaching experience. The roles, tasks and problems of district and building level administrators; interrelationships of modern school systems and their relationship to local, state and federal government.
- 533 ADMINISTRATION AND FUNCTION OF SPECIAL PROGRAMS
 (3-0) 3 hours credit.
 A study of the role of the administrator in initiating, developing, supervising and supporting programs in Guidance, Vocational and Technical Education, Career Education, Special Education, Compensatory Education and Reading.
- 535 THE PRINCIPALSHIP
 (3-0) 3 hours credit. Prerequisite: One year teaching experience. Analysis of the principal's role as he or she interacts with his or her various referent groups. Special emphasis on behavior. Applicable to elementary and secondary administration.
- 538 EDUCATION SYSTEMS ANALYSIS
 (3-0) 3 hours credit. Prerequisite: Consent of instructor. A study of systems analysis techniques applicable to education including PERT, P.P.B.S., M.B.O., and other management systems, including management information systems.
- 561 SCHOOL FINANCE AND TAXATION
 (3-0) 3 hours credit.
 Current problems, issues, and practices in local, state and federal financial support for primary and secondary schools and the relation of school finance problems to broader socio-economic issues.
- 571 SCHOOL AND COMMUNITY RELATIONS
 (3-0) 3 hours credit.
 Parent participation in the school and strategies for informing the community about school activities and promoting school community

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

interactions are analyzed. Studies will be made on interrelationships among the home, schools, and community.

- 581 PERSONNEL ADMINISTRATION
(3-0) 3 hours credit. Prerequisite: MGMT 530.
Problems in the personnel administration of public and private schools. Policies affecting personnel, rights and responsibilities of students and teachers, insurance, salary schedule, retirement, sick leave, collective negotiations, and auxiliary enterprises.
- 590 EDUCATIONAL FACILITIES--RESOURCES AND PLANNING
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
An analysis of the building and other physical plant needs of the local public school district, including planning, financing, construction, and utilization.
- 600 INDEPENDENT STUDY
1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.
Reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.
- 610, 620, 630 SPECIAL PROBLEMS
1 to 3 hours credit.
May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.
- 660A, B INTERNSHIP IN EDUCATIONAL MANAGEMENT
(0-9) 3 hours credit each. Prerequisite: Permission of the Dean.
Supervised on-the-job experience with related reading and study. The intern will work with school administrators in applying management fundamentals to an ongoing school program. Students are exposed to decision-making processes such as program development, plant utility, financial and personnel management.

COURSE DESCRIPTIONS

EDUCATIONAL PSYCHOLOGY
(EDP)

- 530 THE GUIDANCE FUNCTION IN EDUCATION
(3-0) 3 hours credit. Prerequisite: Graduate standing.
The role of guidance services in education. Focus will be on: teacher counselor, administrator roles, current and emerging practices.

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- 560 DIAGNOSIS AND COUNSELING
(3-0) 3 hours credit. Prerequisites: EDUC 530 and EDP 530.
Counseling theory and techniques for identification of student problems. Focus on: tools and techniques for identification; counseling for personal adjustment.
- 565 PSYCHOMETRIC PROCEDURES
(3-0) 3 hours credit. Prerequisites: EDUC 530 and EDP 560.
A study of instruments used to measure personality variables. Focus on administering and interpreting instruments measuring intellectual abilities.
- 570 GROUP PROCESSES: THE INDIVIDUAL IN THE GROUP
(3-0) 3 hours credit. Prerequisites: EDUC 530 and EDP 530 or consent of instructor.
A study of group structure and theory. Focus on group influences on behavior.
- 600 INDEPENDENT STUDY
1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.
Reading, research, discussions, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.
- 610, 620, 630 SPECIAL PROBLEMS
1 to 3 hours credit. Prerequisite: Consent of instructor. May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course.
- 660 PRACTICUM IN COUNSELING
(1-6) 3 hours credit. Prerequisite: EDP 560 and EDP 570
Supervised experience identifying and diagnosing student problems in an educational setting.

COURSE DESCRIPTIONS

HIGHER EDUCATION
(HED)

- 561 THE COMMUNITY COLLEGE
(3-0) 3 hours credit.
The historical and philosophical foundations for the community junior college movement in the United States will be analyzed and utilized as a basis for understanding contemporary trends and problems of community junior colleges.
- 571 RESOURCE ALLOCATIONS IN HIGHER EDUCATION
(3-0) 3 hours credit.
Concepts and practices in financing, planning, program and institutional budgeting in higher education.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 581 SEMINAR IN GOVERNANCE OF HIGHER EDUCATION
(3-0) 3 hours credit.
Analysis of current practices and issues in the governance of higher education which affect students, faculty, administration, scope and role of colleges and universities.
- 591 THE AMERICAN COLLEGE STUDENT
(3-0) 3 hours credit.
The college student's role in contemporary society; characteristics, basic values, peer group influence, campus culture, needs and pressures.
- 595 CONTEMPORARY THOUGHT IN HIGHER EDUCATION
(3-0) 3 hours credit.
A study of current thought as it relates to the management of institutions of higher education.
- 600 INDEPENDENT STUDY
1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.
Reading, research, discussions, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.
- 610, 620, 630, SPECIAL PROBLEMS
1 to 3 hours credit.
May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.
- 635 THE DEVELOPMENT OF HIGHER EDUCATION IN THE U.S.A.
(3-0) 3 hours credit.
A study of the transition from patterns of European institutions of higher learning to the development of uniquely American institutions. Relates the development of resources, human and physical, to the changing role of higher education in American society.

COURSE DESCRIPTIONS

SECONDARY EDUCATION
(SED)

- 570 READING IN SECONDARY SCHOOL
(3-0) 3 hours credit.
The development and study of methods of teaching reading skills in order to maximize proficiency in learning various academic subjects. Effective use of teaching aids and equipment.
- 591 PROBLEMS OF TEACHING IN SECONDARY EDUCATION
(3-0) 3 hours credit.
Case studies and seminar approach to theory and practice of teaching in secondary schools for experienced teachers. An advanced intensive study of classroom organizational patterns, communication patterns, leadership roles, experimental programs, and the selection and use of instructional materials will be among the problems investigated.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

600 INDEPENDENT STUDY

1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.

Reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.

610, 620, 630 SPECIAL PROBLEMS.

1 to 3 hours credit.

May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.

Master of Arts Degree In Environmental Management

Concentrations in:

Management of Human Resources

Urban Studies

The Master of Arts Degree in Environmental Management with concentrations in Management of Human Resources and Urban Studies is available to students whose undergraduate degrees are in a variety of areas. Upon completion of one of the concentrations, the graduate can look forward to a career with government agencies, industry, or planning organizations. The concentration in Management of Human Resources is especially well-suited for those individuals who wish to prepare for careers in manpower management, development, and management analysis in the public or private sectors. The concentration in Urban Studies is intended for those individuals seeking positions in city government and with governmental planning organizations.

Special Admission Requirements. There are no special admission requirements in addition to the university-wide requirements which apply for admission to the Master of Arts Degree program in Environmental Management. Instead of

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

the requirement of a minimum of 18 hours of specific undergraduate work, an individual review of the applicant's background will be made in order to ensure adequate preparation for graduate study.

Degree Requirements. Each candidate for the Master of Arts Degree in Environmental Management will, in addition to the General Regulations for the Master's Degree, be required to successfully complete a concentration in Management of Human Resources or a concentration in Urban Studies, and either Option I or Option II for the concentration as indicated below.

Concentration in Management of Human Resources

Option I (a total of 30 semester hours including thesis is required):

ENVN	560	Investigative Methods in Environmental Studies
ENVN	562	Human and Natural Resources
ENVN	564	Concepts for Environmental Management
ECON	571	Economics of Human Resources
ECON	632	Manpower Policy
ENVN	633	Manpower Training
ENVN	691	Master's Thesis (6 hours)

Six (6) semester hours of course work in a supporting area, as approved by the Graduate Advisor and Dean.

Option II (a total of 36 semester hours of approved course work is required):

ENVN	560	Investigative Methods in Environmental Studies
ENVN	562	Human and Natural Resources
ENVN	564	Concepts for Environmental Management
ECON	571	Economics of Human Resources
ECON	632	Manpower Policy
ENVN	633	Manpower Training
ENVN	681A	Internship or ENVN 600 Independent Study (6 hours)

Nine (9) semester hours of course work in a second field, as approved by the Graduate Advisor and Dean.

Six (6) semester hours of course work in Environmental Studies.

Concentration in Urban Studies

Option I (a total of 30 semester hours including thesis is required):

ENVN	560	Investigative Methods in Environmental Studies
ENVN	664	Ecological Dimensions of Urban Systems
ENVN	665	Urban Research
ENVN	666	Urban Housing
ENVN	667	Urban Planning
ENVN	668	Comparative Urban Development
ENVN	691	Master's Thesis (6 hours)

Six (6) semester hours of course work in a supporting area, as approved by the Graduate Advisor and Dean.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

Option II (a total of 36 semester hours of approved course work is required):

ENVN	560	Investigative Methods in Environmental Studies
ENVN	664	Ecological Dimensions of Urban Systems
ENVN	665	Urban Research
ENVN	666	Urban Housing
ENVN	667	Urban Planning
ENVN	668	Comparative Urban Development
ENVN	681A	Internship or ENVN 600 Independent Study (6 hours)

Six (6) semester hours of course work in a related field, as approved by the Graduate Advisor and Dean

Six (6) semester hours of course work in Environmental Management, from the related field, or from another supportive area, as approved by the Graduate Advisor and Dean (ENVN 666 and FIN 663 are suggested).

Master Of Science Degree in Environmental Management

Concentration in:

Management of Natural Resources

The Master of Science Degree in Environmental Management with a concentration in Management of Natural Resources is designed for the individuals whose backgrounds are in science, engineering, architecture, planning or management. Upon completion of the degree, the graduate can look forward to a career with governmental agencies, industry, research and planning organizations and educational institutions. The concentration in Management of Natural Resources is programmed for those individuals who intend to develop a career in managerial operations involving the utilization and protection of natural resources. The Scientific analysis and evaluation techniques will be studied to prepare the students with systems perspectives for the environmental and societal problems. Both the macro-societal approach and the micro-institutional aspects will also be included in the program.

Because of the multidisciplinary approach to this program, two avenues are available. One is for those who have undergraduate degrees in the sciences or who have a satisfactory foundation in the sciences. A second plan for the degree program is for the students whose background in the sciences is not at a level which would enable him to proceed in a graduate program without additional study in the sciences. For students following this plan,

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

foundation courses will be available which will serve as prerequisites for the courses required for this degree.

Special Admission Requirements. There are no special admission requirements in addition to the university-wide requirements which apply for admission to the Master of Science Degree program in Environmental Management. Instead of the requirement of a minimum of 18 hours of specific undergraduate work, an individual review of the applicant's background will be made in order to ensure adequate preparation for graduate study.

Degree Requirements. Some or all of the following foundation courses may be required as conditions for students whose backgrounds in the sciences are insufficient to permit full admission to the graduate degree program:

PHSC	530A	Physical Science Studies I
PHSC	530B	Physical Science Studies II
BIOL	531	Fundamentals of Life Science
ERTH	532	Fundamental Earth Science Studies

All candidates for the Master of Science Degree in Environmental Management will, in addition to the General Regulations for the Master's degree, be required to complete successfully the concentration in Management of Natural Resources, and either Option I or Option II for the concentration as indicated below:

Concentration in Management of Natural Resources

Option I (a total of 30 semester hours including a thesis is required):

ENVN	560	Investigative Methods in Environmental Studies
ENVN	561	Applied Ecology
ENVN	563	Economics of Natural Resources
ENVN	571	Water Management
ENVN	575	Land Management
ENVN	591	Business Dimensions of Environmental Management
ENVN	691	Master's Thesis (6 hours)

Six (6) hours of course work in a related field, as approved by the Graduate Advisor and Dean.

Option II (a total of 36 semester hours, non-thesis program):

ENVN	560	Investigative Methods in Environmental Studies
ENVN	561	Applied Ecology
ENVN	563	Economics of Natural Resources
ENVN	571	Water Management
ENVN	575	Land Management
ENVN	585	Economic Geology
ENVN	591	Business Dimensions of Environmental Management
ENVN	671	Seminar in Environmental Management
ENVN	581A	Internship or ENVN 600 Independent Study (6 hours)

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

COURSE DESCRIPTIONS

ENVIRONMENTAL MANAGEMENT
(ENVN)

- 560 INVESTIGATIVE METHODS IN ENVIRONMENTAL STUDIES
(3-0) 3 hours credit.
A course intended to give the student the quantitative tools to gather, analyze, present, and interpret information dealing with human and natural resources. An effort is made to apply analytical tools to the interaction of these resources in an urban environment.
- 561 APPLIED ECOLOGY
(3-0) 3 hours credit.
The impact of economic and related activity on the environment as it pertains to its effect on water, land, animal, and human resources. An evaluation of programs available and possible future undertakings to preserve a healthy environment which will be compatible with economic progress.
- 562 HUMAN AND NATURAL RESOURCES
(3-0) 3 hours credit.
A study of the various dimensions of population as a resource or study emphasizing demographic variables such as birthrates, health, skills, and the role of humans in the environment. Natural resources are viewed from the contribution they make to the growth process of society. Major natural resources covered are water, land, and wild life. The changing role of human and natural resources as they relate to technology over time is analyzed.
- 563 ECONOMICS OF NATURAL RESOURCES
(3-0) 3 hours credit.
A study of governmental and private programs to promote prudent, efficient use of natural resources by society. Cost benefit analysis is utilized to evaluate alternate solutions in formulating policy.
- 564 CONCEPTS FOR ENVIRONMENTAL MANAGEMENT
(3-0) 3 hours credit.
The application of management concepts as they relate to the development of human and natural resources and as they apply to urban growth. The initiation, organization, and development of programs to utilize efficiently human and natural resources in urban growth are examined.
- 571 WATER MANAGEMENT
(3-0) 3 hours credit.
An application of management principles to the efficient utilization of water resources by society. A study of water as a resource, its value, uses and changing rôle over time, as a result of ecological change. The formulation of public policy toward water resources is studied.
- 575 LAND MANAGEMENT
(3-0) 3 hours credit.
An analysis of the various alternative uses of land and the methodology by which land is evaluated so as to put it to its most productive uses. The changing role of land as a resource as it is related to human and technological development is examined. Legal dimensions of natural resources.
- 585 ECONOMIC GEOLOGY
(3-0) 3 hours credit.
The use of mineral resources as viewed from an economic dimension. Location of resources, transportation aspects, processing, and the role of changing technology as it relates to the value of these resources are analyzed.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 590 SURVEY OF ENVIRONMENTAL LAW
(3-0) 3 hours credit.
A survey of current law and statutory provisions related to environmental management. Skills in evaluating legal briefs, law reviews and statutes will be developed.
- 591 BUSINESS DIMENSIONS OF ENVIRONMENTAL MANAGEMENT
(3-0) 3 hours credit.
A course intended to give the student a survey introduction into the role of business tools in the areas of accounting, marketing, management, and finance as they relate to the efficient utilization of natural resources. The subject is approached from a public sector rather than from a business firm point of view.
- 600 INDEPENDENT STUDY
1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.
Reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.
- 610, 620, 630 SPECIAL PROBLEMS
1 to 3 hours credit.
May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.
- 633 MANPOWER TRAINING
(3-0) 3 hours credit.
A course dealing with the various dimensions of training of a labor force to meet the changing needs of the economy and society. The causes of human obsolescence, availability of resources to combat this problem and evaluation of various alternative solutions are studied.
- 637 ECONOMICS OF HEALTH SYSTEMS
(3-0) 3 hours credit
The need for medical services, availability of resources, proposed public policy solutions along with demographic and technological impacts are studied.
- 664 ECOLOGICAL DIMENSIONS OF URBAN SYSTEMS
(3-0) 3 hours credit.
The theory of urban growth is studied in relation to the spatial relationships of towns and cities. The role of ecological factors in city planning and development. The impact of ecology as it affects the quality of city life is considered and contrasted to the economic dimensions of these decisions.
- 665 URBAN RESEARCH
(3-0) 3 hours credit. Prerequisite: ENVN 667.
The development of specific analytical tools used in the analysis of urban activity and the application of these tools to analyze case histories. Model building using the systems approach is utilized.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 666 URBAN HOUSING
(3-0) 3 hours credit.
An analysis of housing problems, their causes and attempted solutions and ecological affects to include the dynamics of urban growth and aging processes.
- 667 URBAN PLANNING
(3-0) 3 hours credit.
The evolution of city planning, conceptual tools available to the planner and the roles of technology and aesthetics in social change and city planning.
- 668 COMPARATIVE URBAN DEVELOPMENT
(3-0) 3 hours credit.
A comparative study of the interaction of culture, economics, and natural environment as they affect urban development over time. Areas covered include: pre-industrial cities in the Mediterranean, Medieval Europe, and Pre-Hispanic America. The impact of industrialization on traditional cities and of European influence on non-Western cities will be considered.
- 671 SEMINAR IN ENVIRONMENTAL MANAGEMENT
(3-0) 3 hours credit.
A selection of current topics of interest and importance in the area of natural resource management.
- 681A, B, INTERNSHIP
(0-9) 3 hours credit each. Prerequisite: Approval of the Dean.
An opportunity will be provided the student to work in an environmental management setting which will permit him to apply the knowledge learned in the formal institution part of the program.
- 691 MASTER'S THESIS
(3-0) 3 hours credit.
May be repeated for credit but not more than 6 hours will apply to the Master's degree. Permission of the instructor is required. Enrollment in ENVN 691 is required each term the thesis is in progress.

COURSE DESCRIPTIONS

BILINGUAL MEDICAL INTERPRETING
(BMI)

(Courses may be taught in English or Spanish or both, depending on the needs of the students.)

- 530 SOCIO-CULTURAL FOUNDATIONS OF MEDICINE
(3-0) 3 hours credit. Prerequisite: Graduate standing.
A course dealing with the role of medicine in society studied from historical as well as contemporary points of view. Specific areas covered are the contributions of medicine to human betterment, preparation of physicians, role of medical research, changing role of medical technology, and the economics of medical care. The student is given a comprehensive overall view of the various branches of medical activity.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 561A MEDICAL TERMINOLOGY I
(3-0) 3 hours credit.
An intensive study of important medical terminology and concepts. Students will be expected to be bilingual in English and Spanish in conveying an understanding of this medical knowledge.
- 561B MEDICAL TERMINOLOGY II
(3-0) 3 hours credit.
A continuation of 561A in which additional terminology and concepts will be studied as well as reinforcement of the bilingual aspects of communicating this information.
- 571 HEALTH CARE DELIVERY SYSTEMS
(3-0) 3 hours credit. Prerequisite: BMI 530
An examination of medical centers, hospitals, clinics and private physicians' offices as they function to provide needed health services for the population. Special emphasis will be made to give the student an understanding of the organization and functions of hospitals and medical centers, both public and private.
- 581 GATHERING, REPORTING, AND MANAGEMENT OF MEDICAL DATA
(3-0) 3 hours credit.
A study of patient interviewing techniques and analysis of the information for eventual use by the physician. The management of this data for maintenance and ready accessibility is examined.
- 610, 620, 630 SPECIAL PROBLEMS
1 to 3 hours credit.
May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.
- 633 SEMINAR IN BILINGUAL MEDICAL INTERPRETING
(3-0) 3 hours credit.
A course intended to provide the student with an opportunity to study current problems relating to this area of medicine.

COLLEGE OF SCIENCES AND MATHEMATICS

The College of Sciences and Mathematics will, when fully operative, offer professional training at both the graduate and undergraduate levels. Degree programs will be available in the sciences, quantitative studies, and allied health professions. A broad-based core of courses contributing to the total education of The University's non-science majors will be provided. The College is dedicated to programs which provide training in the theoretical aspects of the disciplines, stressing the applicational aspects. Whenever possible, the multidisciplinary concept is utilized in instruction.

Pending completion of permanent facilities, graduate programs and courses in the sciences and mathematics will be limited to those which can be offered in the temporary facilities.

MASTER OF SCIENCE DEGREE IN BIOLOGY

The graduate program in Biology is directed to those students who desire advanced training in specialized areas of the life sciences. Two degree options are available: a non-thesis program, for students who wish to obtain the M.S. degree through course work; a thesis program, recommended for those desiring to develop expertise in research design and methodology. The thesis option provides in-depth knowledge of a specialized field of interest and is recommended for the student planning a research career. The non-thesis program is particularly suitable for individuals teaching in the life sciences. Such students will be allowed the option of supplementing Science and Mathematics courses from approved courses offered in other colleges.

Faculty in several areas such as Molecular Biology, Physiology, and Genetics are available to direct student research or specialized education.

Special Admission Requirements. There are no special admission requirements for the Master of Science Degree in Biology other than the university-wide

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

requirements. Students whose undergraduate preparation is not adequate to pursue the graduate program will be required to complete certain courses as conditions of admission. Those students who have less than full preparation should anticipate that additional time will be required to complete the degree.

Degree Requirements. All candidates for the degree will be required to complete successfully 36 semester hours in addition to complying with the General Regulations for the Master's Degree. These 36 hours will be subject to the following conditions:

1. A minimum of 18 hours of organized course work must be chosen from non-foundation courses within the Division of Earth and Life Sciences.
2. A student electing the non-thesis program is required to complete 3 hours of BIOL 600, Independent Study, in addition to 18 organized class hours in the Division.
3. If a student elects the thesis program, 6 hours of BIOL 691, Master's Thesis, must be completed in addition to the 18 organized class hours within the Division.

COURSE DESCRIPTIONS

BIOLOGY
(BIOL)

- 510 LIFE SCIENCES COLLOQUIUM
(1-0) 1 hour credit. Prerequisite: Graduate standing.
Current research presented by faculty, visiting lecturers and thesis candidates.
- 520 SEMINAR IN BIOLOGY.
(2-0) 2 hours credit. Prerequisite: Post-baccalaureate or graduate standing in biology
Student presentations in selected areas of biological research.
- 521 COMPARATIVE VERTEBRATE REPRODUCTION
(2-0) 2 hours credit. Prerequisite: A course in endocrinology.
A detailed comparative study of the mechanisms of vertebrate reproduction and of environmental factors which affect reproduction.
- 525 EXPERIMENTAL REPRODUCTIVE PHYSIOLOGY AND ENDOCRINOLOGY
(0-6) 2 hours credit. Prerequisite: Endocrinology or reproductive physiology courses.
Laboratory studies in reproductive physiology and endocrinology. Includes reproduction control, hormonal regulation, differential fertility.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 530 SOCIETY, ETHICS AND THE LIFE SCIENCES
(3-0) 3 hours credit. Prerequisite: College biology or consent of instructor.
An examination of the ethical and social implications of studies in those areas of the life sciences which affect public policy or action, i.e., incentives to slow population growth; behavioral control by brain surgery; definitions of death for organ donors.
- 531 FUNDAMENTALS OF LIFE SCIENCE
(3-0) 3 hours credit.
An introduction to modern biological concepts; designed as a foundation course for graduate students, a review of biological principles. Not for M.S. candidates in Biology.
- 532 DRUGS: THEIR SOCIAL IMPLICATIONS, ACTIONS AND EFFECTS
(3-0) 3 hours credit. Prerequisite: Organic chemistry and biology or consent of instructor.
A study of the behavioral effects and chemical actions of drugs in society. Lecture and demonstration.
- 533A MEDICAL LIFE SCIENCES I
(3-0) 3 hours credit. Prerequisite: An undergraduate course in biological science.
An examination of the origin, characteristics and function of life processes with special emphasis on the cell and subcellular units, a foundation course. Not for Master of Science candidates in Biology.
- 533B MEDICAL LIFE SCIENCES II
(3-0) 3 hours credit. Prerequisite: BIOL 533A.
A course in organ physiology considering human body functions. Includes respiratory, skeletal, circulatory, nervous, and hormonal systems; a foundation course. Not for Master of Science candidates in Biology.
- 534 THE PHYSIOLOGY OF AGGRESSION
(3-0) 3 hours credit. Prerequisite: Physiology or permission of instructor.
This course is designed to deal with the neurological factors of aggressive behavior. It will include environmental causes of aggression, the effects of drugs and the control of aggression, as well as the role of aggression in modern society. Emphasis will be placed on the elucidation of behavioral mechanisms and the evaluation of experimental design in behavior research.
- 535 HEREDITY, EVOLUTION AND SOCIETY
(3-0) 3 hours credit. Prerequisite: College biology or consent of instructor.
Study of individual variation and evolutionary change in relation to human thought, experience, cultural evolution, diversity, mating systems.
- 536 SOCIETAL IMPLICATIONS OF MODERN BIOLOGICAL RESEARCH
(3-0) 3 hours credit. Prerequisite: College biology or consent of instructor.
Current biological research will be studied in order to enable the student to evaluate its impact on existing social structures and mores, i.e., genetic engineering; in vitro embryogenesis; transplantation immunity.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 537 RECENT DEVELOPMENTS IN LIFE SCIENCE
(3-0) 3 hours credit.
Studies of current trends in life science studies; lectures and readings in scientific literature.
- 538 TOPICS IN MODERN BIOLOGY: A GRADUATE COURSE FOR THE NON-BIOLOGIST
(3-0) 3 hours credit. Prerequisite: Graduate standing or consent of instructor.
Survey of the more pertinent areas of biological research in relation to man including behavior control, genetic engineering, organ replacement.
- 539 ENVIRONMENTAL AND POPULATION BIOLOGY
(3-0) 3 hours credit. Prerequisite: Graduate standing or consent of instructor.
The role of the environment in population regulation and control. To include topics such as environmental cycles of the past and subsequent population changes, human alterations of the environment and their consequences.
- 540 ENDOCRINOLOGY
(3-3) 4 hours credit. Prerequisite: A course in vertebrate physiology.
A consideration of the physiological effects of hormones on the organism in health and disease, together with a study of the gross and microscopic morphology of the glands of internal secretion.
- 541 COMPARATIVE VERTEBRATE PHYSIOLOGY
(3-4) 4 hours credit. Prerequisite: A course in physiology.
Comparative analysis of physiological mechanisms of adaptation among vertebrates.
- 560 INVERTEBRATE PHYSIOLOGY
(2-4) 3 hours credit. Prerequisite: A course in physiology and graduate standing or consent of instructor.
An investigation of the mechanisms of respiration, movement, ion and water regulation and hormonal integration in the invertebrates.
- 570 ENVIRONMENTAL PHYSIOLOGY
(2-3) 3 hours credit. Prerequisite: A course in physiology.
Lectures, reports and laboratory work on the physiological responses to heat, cold, light, social stimuli and atmospheric pressure in the vertebrate organisms.
- 580 POPULATION GENETICS
(2-3) 3 hours credit. Prerequisite: A course in introductory genetics.
An evolutionary approach to the study of the genetic system. Mutant and chromosomal variability, homologies, polymorphism, hybridization, heterosis.
- 582A BIOLOGY OF PARASITISM
(2-3) 3 hours credit. Prerequisite: A course in parasitology or consent of instructor.
A study of animal parasites with special emphasis on the physiology of host-parasite interactions.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 582B BIOLOGY OF PARASITISM
(3-4) 3 hours credit. Prerequisite: A laboratory course in Medical Microbiology; BIOL 582A is recommended as well.
The ecology of infectious diseases with emphasis on bacterial, viral, and fungal infections of man.
- 583 CYTOGENETICS
(2-3) 3 hours credit. Prerequisite: Courses in genetics, cytology or consent of instructor.
An analysis of chromosome structure and function in relation to Mendelian inheritance: role in evolution of crossing over, variations in chromosome structure and number.
- 584 BIOCHEMICAL GENETICS
(3-0) 3 hours credit. Prerequisite: Courses in genetics, general biochemistry (or microbial physiology) or consent of instructor.
Molecular approach to structure, replication, mutation, and phenotypic expression of genetic material.
- 600 INDEPENDENT STUDY
1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.
Reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.
- 610, 620, 630 SPECIAL PROBLEMS
1 to 3 hours credit.
May be repeated for credit but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.
- 631 TERRESTRIAL ECOLOGY
(2-4) 3 hours credit. Prerequisite: Ecology or consent of instructor.
Interaction of terrestrial animals and plants with their environments; factors which contribute to population growth, control and dispersal of biotic communities.
- 641 MICROBIAL ECOLOGY
(3-4) 4 hours credit. Prerequisite: A course in microbiology or consent of instructor.
A study of the mutual relationships between microorganisms and their environment, especially natural habitats of microorganisms (including normal human flora and pathogens), commensalism, parasitism, and opportunism in various microbial species.
- 642 CLINICAL LABORATORY HISTOLOGY AND CYTOLOGY
(2-4) 4 hours credit. Prerequisite: Laboratory courses in histology and in cytogenetics.
Clinical applications of techniques in the microscopic analysis of blood, cells, tissues, and organs of the human body.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 643 DIAGNOSTIC MICROBIOLOGY
(2-4) 4 hours credit. Prerequisite: A laboratory course in Medical Microbiology and consent of instructor.
Principles and techniques of diagnostic and epidemiologic microbiology with applications in the clinical laboratory.
- 660 CELLULAR AND MOLECULAR BIOLOGY
(2-3) 3 hours credit. Prerequisites: A course in biology and in organic chemistry or consent of instructor.
Molecular organization and function of cells and subcellular units, regulation of metabolism, chromosome structure, and active transport.
- 662 CELLULAR IMMUNOLOGY AND IMMUNOCHEMISTRY
(3-0) 3 hours credit. Prerequisite: Laboratory course in immunology.
The study of current concepts of humoral and cell-mediated immunity with emphasis on molecular mechanisms.
- 663 MICROBIAL PHYSIOLOGY AND ENERGETICS
(3-0) 3 hours credit. Prerequisites: Courses in biology, organic chemistry or consent of instructor.
Chemistry and metabolism of cellular constituents, especially carbohydrates, proteins and lipids, using microorganisms as subject matter.
- 665 INDUSTRIAL MICROBIOLOGY
(2-3) 3 hours credit. Prerequisite: A course in introductory microbiology or consent of instructor.
A study of fermentations of industrial importance, food processing, and quality control.
- 675 RADIATION BIOLOGY
(2-3) 3 hours credit. Prerequisites: A course in biology, in organic chemistry, and in physics.
Interactions of ionizing ultraviolet and visible radiations with matter; biological effects; cellular repair of radiation damage; biological photo-receptors.
- 681 ANIMAL BEHAVIOR
(2-3) 3 hours credit. Prerequisite: A course in vertebrate physiology or consent of instructor.
Evolutionary origins and trends of major behavioral patterns with emphasis on organization and adaptive significance. Neural, endocrine, genetic and environmental factors modifying behavior will be examined.
- 691 MASTER'S THESIS
(3-0) 3 hours credit.
May be repeated for credit but not more than 6 hours will apply to the Master's degree. Permission of the instructor is required. Enrollment in BIOL 691 is required each term the thesis is in progress.
- 692 INFORMATION RETRIEVAL: BIOMEDICAL APPLICATIONS
(3-0) 3 hours credit. Prerequisite: Biostatistics, MATH 538 or the equivalent, and consent of instructor.
Reporting, analysis, storage, retrieval of biomedical data; emphasis on application of systems analysis to epidemiology of hospital infections, environmental control, fate of clinical reports.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

MASTER OF SCIENCE DEGREE IN MATHEMATICS AND SYSTEMS DESIGN

The graduate program in Mathematics and Systems Design is directed to those individuals who desire training in both mathematics and computer science and will enable graduates of the program at the Master's level to perform as applied mathematicians capable of utilizing sophisticated computer systems.

Because of the heterogeneous backgrounds and interests of students in this area a multi-track program is available. The student, with the approval of an assigned faculty advisory committee, will be able to select a degree program ranging from classical mathematics to a computer science orientation. Additionally the student will be allowed the option of supplementing his mathematics and computer science courses with approved courses from other disciplines.

Some or all of the following foundation courses may be required as conditions for students whose backgrounds in either mathematics or computer science are insufficient to permit full admission to the graduate degree program.

MATH 530 A,B	Introduction to Computer Science
MATH 531 A,B	Advanced Calculus
MATH 533	Introduction to Abstract Algebra
MATH 534	Introduction to Linear Algebra and Matrix Theory
MATH 535	Applications of Mathematics
MATH 538 A	Introduction to Probability and Statistics

Special Admission Requirements. There are no special admission requirements for the Master of Science degree in Mathematics and Systems Design other than the university-wide requirements. It is recommended highly that at least a B.A. or B.S. in Mathematics or Computer Science or a closely related field be completed as preparation. Those students who have less than full preparation should anticipate that additional time will be required to complete the degree.

Degree Requirements. All candidates for the degree will be required to successfully complete 36 semester hours of credit in addition to complying with the General Regulations for the Master's Degree. These 36 hours will be subject to the following conditions:

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

1. A minimum of 18 hours of organized course work must be chosen from non-foundation courses within the Division of Mathematics and Systems Design.
2. Each student in the Master's program is required to complete 3 hours of seminar in addition to the formal class hours within the Division. These seminars will be arranged to suit the individual programs of the students.
3. With the approval of the student's faculty advisory committee, 6 semester hours chosen from foundation courses within the Division of Mathematics and Systems Design may be included in the degree program.

COURSE DESCRIPTIONS

MATHEMATICS AND SYSTEMS DESIGN
(MATH)

- 530A INTRODUCTION TO COMPUTER SCIENCE
(3-0) 3 hours credit.
An introduction to the properties of digital computers and to the design and implementation of algorithms.
- 530B INTRODUCTION TO COMPUTER SCIENCE
(3-0) 3 hours credit. Prerequisite: MATH 530A.
An introduction to data structures and to the analysis of algorithm efficiency. Introduction to list processing.
- 531A ADVANCED CALCULUS
(3-0) 3 hours credit. Prerequisite: Undergraduate calculus sequence.
A discussion of the algebraic and topological properties of the real numbers and n-dimension Euclidean space.
- 531B ADVANCED CALCULUS
(3-0) 3 hours credit. Prerequisite: MATH 531A.
An in-depth study of the calculus of functions of several variables.
- 533 INTRODUCTION TO ABSTRACT ALGEBRA
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
An introduction to algebraic structures.
- 534 INTRODUCTION TO LINEAR ALGEBRA AND MATRIX THEORY
(3-0) 3 hours credit.
A study of the algebraic properties of matrices and their application.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 535 APPLICATIONS OF MATHEMATICS
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
Application of linear algebra, and analysis to the natural, social,
and physical sciences.
- 536A INTRODUCTION TO TOPOLOGY
(3-0) 3 hours credit. Prerequisite: Undergraduate calculus.
An introductory course in metric space topology.
- 536B INTRODUCTION TO TOPOLOGY
(3-0) 3 hours credit. Prerequisite: MATH 536A.
An introductory course in concepts from general topological spaces.
- 537 APPLIED STATISTICS
(3-0) 3 hours credit.
Emphasis on the methods of statistics and their applications.
Intended for non-mathematics majors.
- 538A INTRODUCTION TO PROBABILITY AND STATISTICS
(3-0) 3 hours credit. Prerequisite: Undergraduate calculus sequence.
An introduction to probability and statistics with applications.
- 538B INTRODUCTION TO MATHEMATICAL STATISTICS
(3-0) 3 hours credit. Prerequisite: MATH 538A.
Mathematical methods, testing of hypotheses, confidence intervals, and
the Neyman-Pearson lemma.
- 561A STRUCTURE OF PROGRAMMING LANGUAGES
(3-0) 3 hours credit. Prerequisite: MATH 530B or the equivalent.
Study of the features of a variety of programming languages including
list processing languages.
- 561B STRUCTURE OF PROGRAMMING LANGUAGES
(3-0) 3 hours credit. Prerequisite: MATH 561A or the equivalent.
An introduction to the design and implementation of assemblers and
compilers.
- 562 PROGRAMMING TECHNIQUES AND FILE DESIGN AND MANIPULATION
(3-0) 3 hours credit. Prerequisite: MATH 530A,B or the equivalent.
Types of file access techniques; data collection and preparation;
program system documentation and the flow of information from input
to on-line real time information systems.
- 563 THEORY OF ALGORITHMS
(3-0) 3 hours credit. Prerequisite: MATH 561B.
Introduction to the rigorous concepts of algorithms and the relation-
ship between algorithms and computing machines.
- 564 ASSEMBLERS AND COMPILERS
(3-0) 3 hours credit. Prerequisite: MATH 561B
A study of current methods in the design and implementation of assemblers
and compilers.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 565 FORMAL GRAMMARS AND PROGRAMMING LANGUAGES
(3-0) 3 hours credit. Prerequisite: MATH 561B and consent of instructor.
Models of computation, formal definition of syntax and semantics for programming languages.
- 566 INFORMATION RETRIEVAL SYSTEMS
(3-0) 3 hours credit. Prerequisites: MATH 530A,B.
Programming languages for retrieval and evaluation of retrieval effectiveness.
- 567A NUMERICAL ANALYSIS
(3-0) 3 hours credit. Prerequisite: Graduate standing or consent of instructor.
Analysis of numerical methods. Topics include solutions of non-linear equations, curve-fitting, numerical integration.
- 567B NUMERICAL ANALYSIS
(3-0) 3 hours credit. Prerequisite: MATH 567A or the equivalent.
Numerical methods for solving ordinary and partial differential equations; optimization methods.
- 568 SIMULATION TECHNIQUES
(3-0) 3 hours credit. Prerequisite: MATH 530A,B or the equivalent.
A study of the methods available to stimulate realistic and theoretical situations and models from business, the physical and natural sciences, and mathematics.
- 569A APPLIED ANALYSIS
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
A study of classical topics in mathematical analysis which are applicable to the Sciences and Engineering.
- 569B APPLIED ANALYSIS
(3-0) 3 hours credit. Prerequisite: MATH 569A.
A study of modern aspects of applied mathematics.
- 570A THEORY OF FUNCTIONS OF A REAL VARIABLE
(3-0) 3 hours credit. Prerequisite: MATH 531B or the equivalent.
Lebesgue measure and integration theory.
- 570B THEORY OF FUNCTIONS OF A REAL VARIABLE
(3-0) 3 hours credit. Prerequisite: MATH 570A.
Further development of Lebesgue measure and integration theory, metric space topology, and elementary Banach space theory.
- 571A THEORY OF FUNCTIONS OF A COMPLEX VARIABLE
(3-0) 3 hours credit. Prerequisite: MATH 531B.
Complex integration, Cauchy's theorem, calculus of residues, power series.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 571B THEORY OF FUNCTIONS OF A COMPLEX VARIABLE
(3-0) 3 hours credit. Prerequisite: MATH 571A.
Infinite products, entire functions, Picard's theorem, Riemann mapping theorem, functions of several complex variables.
- 575A ORDINARY DIFFERENTIAL EQUATIONS
(3-0) 3 hours credit. Prerequisite: MATH 531B, MATH 534 or the equivalent.
Linear systems and Laplace transforms. Existence, uniqueness, and stability theorems for non-linear systems.
- 575B ORDINARY DIFFERENTIAL EQUATIONS
(3-0) 3 hours credit. Prerequisite: MATH 575A and MATH 570A.
Analysis of singular points, Sturm-Liouville theorem, asymptotic expansions, selected topics from the qualitative theory of linear and non-linear systems.
- 576A PARTIAL DIFFERENTIAL EQUATIONS
(3-0) 3 hours credit. Prerequisite: MATH 531A, B and MATH 534 or the equivalent.
Classical theory of initial value and boundary value problems for partial differential equations.
- 576B PARTIAL DIFFERENTIAL EQUATIONS
(3-0) 3 hours credit. Prerequisite: MATH 576A and MATH 570A.
Modern aspects of the theory of partial differential equations.
- 581A GENERAL TOPOLOGY
(3-0) 3 hours credit. Prerequisite: Consent of instructor.
Topological spaces, metric spaces, continua, plane topology.
- 581B GENERAL TOPOLOGY
(3-0) 3 hours credit. Prerequisite: MATH 581A.
Continuation of MATH 581A, introductory algebraic topology, introduction to topology of manifolds.
- 590A APPLIED ALGEBRA
(3-0) 3 hours credit. Prerequisite: MATH 533 or the equivalent.
Algebraic structures may include groups, rings, fields, Galois theory, ideal theory, and representations of groups.
- 590B APPLIED ALGEBRA
(3-0) 3 hours credit. Prerequisite: MATH 590A or the equivalent.
Ideas and techniques of modern algebra applied to the area of computer science.
- 591A LINEAR ALGEBRA AND MATRIX THEORY
(3-0) 3 hours credit. Prerequisite: MATH 534 or the equivalent.
A study of linear algebraic structures and algebraic properties of matrices.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 591B LINEAR ALGEBRA AND MATRIX THEORY
 (3-0) 3 hours credit. Prerequisite: MATH 591A or the equivalent.
 A continuation of MATH 591A, linear transformations, and applications.
- 600 INDEPENDENT STUDY
 1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.
 Reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.
- 610, 620, 630 SPECIAL PROBLEMS
 1 to 3 hours credit.
 May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.
- 611, 621, 631 SPECIAL SEMINARS
 1 to 3 hours credit.
 May be repeated but not more than three hours will apply to a Master's degree. Three hours are required for a Master's degree.
- 661A OPERATIONS RESEARCH
 (3-0) 3 hours credit. Prerequisite: MATH 538A,B or the equivalent.
 Deterministic methods of operations research, including linear and non-linear programming, dynamic programming, network analysis, introduction to inventory theory.
- 661B OPERATIONS RESEARCH
 (3-0) 3 hours credit. Prerequisite: MATH 661A.
 Stochastic Models of Operations Research including queuing theory, inventory theory, game theory, and simulation.
- 670A PROBABILITY AND STATISTICS
 (3-0) 3 hours credit. Prerequisite: MATH 538A,B.
 Axioms of probability, random variables and their distributions, mathematical techniques.
- 670B MATHEMATICAL STATISTICS AND INFERENCE
 (3-0) 3 hours credit. Prerequisite: MATH 670A.
 Distributions of functions of random variables, tests of hypotheses, point and interval estimation.
- 671A ADVANCED PROBABILITY
 (3-0) 3 hours credit. Prerequisite: MATH 538A, 670A,B and MATH 570A.
 Distribution functions, random variables, expectation, independence, convergence concepts.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 671B ADVANCED PROBABILITY
(3-0) 3 hours credit. Prerequisite: MATH 671A.
Law of large number, central limit theorem, conditioning, martingales.
- 672 STOCHASTIC PROCESSES
(3-0) 3 hours credit. Prerequisites: MATH 534 and MATH 671A.
Random walks, recurrent events, Markov chains, continuous time processes.
- 673 ANALYSIS OF VARIANCE
(3-0) 3 hours credit. Prerequisites: MATH 670A, B and MATH 534 or consent of instructor.
Fixed effects models, random effects models, analysis of covariance, effects of departures from assumptions.
- 674 MULTIVARIATE STATISTICAL ANALYSIS
(3-0) 3 hours credit. Prerequisites: MATH 670A, B and MATH 534 or consent of instructor.
Multidimensional Gaussian and Wishart distributions, principle components, factor analysis.
- 675 NON-PARAMETRIC STATISTICS
(3-0) 3 hours credit. Prerequisite: MATH 670A, B or consent of instructor.
Methods and theory of non-parametric statistics, order statistics, critical points, tolerance regions.
- 676 THEORY OF LINEAR STATISTICAL MODELS
(3-0) 3 hours credit. Prerequisites: MATH 670A, B and MATH 534 or consent of instructor.
Theory of the general linear model and the general linear hypothesis, least squares estimators, Gauss-Markov theorem, hypothesis testing.
- 677 EXPERIMENTAL DESIGN
(3-0) 3 hours credit. Prerequisite: MATH 670A, B.
Techniques of design, factorial and latin square design, hierarchical classification models, split plot designs, incomplete blocks.
- 678 ADVANCED INFERENCE
(3-0) 3 hours credit. Prerequisite: MATH 670A, B or consent of instructor.
Topics in inference including sufficiency, completeness, hypothesis testing theory.

COURSE DESCRIPTIONS

EARTH SCIENCES
(ERTH)

- 532 FUNDAMENTAL EARTH SCIENCE STUDIES
(3-0) 3 hours credit.
Study of the solid earth, ocean and atmosphere, with emphasis on North America, its environmental history and effects on mankind.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

- 533 FIELD GEOLOGY
(2-3) 3 hours credit. Prerequisite: A course in general geology or consent of instructor.
An introductory course in field geology; methods of mapping, construction of planimetric and topographic maps, use of aerial photographs and instruction in basic surveying techniques.
- 534 MINERALS AND ROCKS
(2-3) 3 hours credit. Prerequisite: A course in geology or consent of instructor.
Introduction to crystallography and crystal chemistry. Physical properties and identification of the more common minerals. Origin, occurrence and identification of major rock types.
- 535 OCEANOGRAPHY
(2-3) 3 hours credit. Prerequisite: General geology or consent of instructor.
A general survey of the processes in the oceans, nature of the ocean basins, current patterns and element distribution.
- 536 ENVIRONMENTAL GEOLOGY
(2-3) 3 hours credit. Prerequisite: A course in introductory geology or consent of instructor.
Geologic materials and processes as related to their influence on man's physical environment. Effects of landscape modification and geologic hazards such as earthquakes and landslides.
- 537 PALEONTOLOGY
(3-3) 4 hours credit. Prerequisite: A course in historical geology or consent of instructor.
Morphology, classification and distribution of invertebrate, vertebrate, and plant fossils. Elements of evolution and paleoecology. Methods of study.
- 600 INDEPENDENT STUDY
1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.
Reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.
- 610, 620, 630 SPECIAL PROBLEMS
1 to 3 hours credit.
May be repeated for credit but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

COURSE DESCRIPTIONS

PHYSICAL SCIENCES
(PHSC)

- 530A PHYSICAL SCIENCE STUDIES I
(3-0) 3 hours credit.
A non-calculus approach to principles of physical science dealing with the energy requirements of chemical and physical changes.
- 530B PHYSICAL SCIENCE STUDIES II
(3-0) 3 hours credit.
A continuation of 530A. The relationship of energy to human living standards and to common chemical and physical phenomena.
- 531 FUTURE ENERGY SOURCES
(3-0) 3 hours credit. Prerequisite: One year introductory undergraduate physics or consent of instructor.
Introduction to the basic concept of energy, its forms and applications; orientation to present and predicted energy sources and requirements.
- 533 CHEMICAL SYNTHESIS OF BIOLOGICALLY IMPORTANT MOLECULES
(3-0) 3 hours credit. Prerequisite: One year of organic chemistry.
An examination of possible approaches to the laboratory synthesis of natural products of biological significance such as steroids, quinine, insect juvenile hormones.
- 535 RECENT DEVELOPMENTS IN PHYSICAL SCIENCE
(3-0) 3 hours credit.
Studies of recent developments in physical science. A course intended for individuals teaching chemistry, earth science or physics.
- 536 PHYSICS FOR BIOLOGY AND MEDICAL STUDENTS
(3-0) 3 hours credit. Prerequisites: General physics and college algebra.
Detailed treatment of principles most applicable to biology and medicine: mechanics, fluid flow, basic properties of gases and liquids, heat transfer, simple circuits, bio-membranes, acoustics, and optics.
- 537 THE CHEMICAL ENVIRONMENT
(3-0) 3 hours credit. Prerequisite: One year of chemistry or consent of instructor.
For non-chemists, a detailed study of selected reactions and their environmental effects.
- 538 CHEMISTRY OF URBAN WASTE MANAGEMENT
(3-0) 3 hours credit. Prerequisite: A course in organic chemistry or consent of instructor.
A study of the theory and practice of solid, liquid and gas waste treatment and disposal.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

600 INDEPENDENT STUDY

1 to 3 hours credit. Prerequisite: Graduate standing and permission in writing (form available) of the instructor, the student's graduate advisor, and the Division Director and Dean of the College in which the course is offered.

Reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but not more than 6 hours will apply to the Master's degree.

610, 620, 630 SPECIAL PROBLEMS

1 to 3 hours credit.

May be repeated but not more than 6 hours will apply to a Master's degree. All work required for credit must be submitted to the instructor two weeks prior to the final examination period and must be completed no later than one year from the date of enrollment in the course. Requires permission of the instructor.

APPENDIX

A

RULES AND REGULATIONS FOR
DETERMINING RESIDENCE STATUS

A student entering The University of Texas at San Antonio for the first time, or a student re-entering the University after an absence of more than one semester, should carefully read the rules governing the determination of residence, as stated below, so that he may be prepared, in the event of his classification as a nonresident of Texas, to pay the required tuition fee. This fee must be paid at the time of registration.

Chapter 54, Subtitle A, Title 3 of the Texas Education Code sets forth the regulations governing nonresident students in institutions of senior collegiate rank, effective January 20, 1973.

I. Minors*

Statute: Section 54.052(b) An individual, under twenty-one (21) years of age, who is living away from his family, and whose family resides in another state or has not resided in Texas for the 12-month period immediately preceding the date of registration shall be classified as a nonresident student;

Section 54.052(c) An individual twenty-one (21) years of age or under whose family has not resided in Texas for the 12-month period immediately preceding the date of registration shall be classified as a nonresident student regardless of whether he has become the legal ward of residents of Texas or has been adopted by residents of Texas while he is attending an educational institution in Texas, or within a 12-month period before his attendance, or under circumstances indicating that the guardianship or adoption was for the purpose of obtaining status as a resident student;

Section 54.055 An individual 21 years of age or under whose parents were formerly residents of Texas is entitled to pay the resident tuition fee following the parents' change of legal residence to another state, as long as the individual remains continuously enrolled in a regular session in a state-supported institution of higher education.

A. Death or Divorce of Parents

The legal residence of a minor under 21 years of age is usually that of the father. Upon the death of the father, the legal residence of the minor is that of the mother. Upon divorce or legal separation of the parents, the residence of the minor is determined by the residence of the parent with whom the minor is making his home at the time of registration.

B. Custody by Court Order

If the custody of the minor has been granted by court order (e.g., divorce decree, child custody action, guardianship or adoption proceedings) to some person other than the parent, the residence of that person shall control; provided, however, that such grant of custody was not ordered during or within a year prior to the minor's enrollment in an institution of higher education (defined as any public junior college, public senior college or university, medical or dental unit or other agency of higher education) and was granted under circumstances indicating that such guardianship was not for the purpose of obtaining status as a resident student.

*In accordance with provisions of Senate Bill 123, 63rd Texas Legislature, effective August 27, 1973, and with Attorney General's Opinion H-82, August 13, 1973, any reference to age "twenty-one" in these Rules and Regulations for Determining Residency Status should be interpreted to mean age "eighteen."

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

If the minor is not making his home with either parent, and there is no court-appointed guardian, the residence of the parent with whom the minor last resided shall be presumed to control. If, however, the minor has made his home with, and has been dependent upon a grandparent for more than a year prior to enrollment in an institution of higher education, the residence of that natural guardian shall be regarded as his residence. The residence of a person other than a parent or a natural or legal guardian, who may furnish funds for payment of tuition, fees, or living expenses shall in no way affect the residence classification of a minor.

C. Abandoned Child

In the case of an abandoned child, the residence of a person who has stood in loco parentis for a period of time may determine the residence of such abandoned child. The fact of abandonment must be clearly established and must not have been for the purpose of affecting the residence of the minor, and the minor must have actually resided in the home of such person for two years immediately prior to registering in an institution of higher education in Texas and must have received substantially all of his support from such person. In the event that the in loco parentis relationship has not existed for the full two year period, a lesser period of time is acceptable in unusual hardship cases, such as death of both parents.

D. Orphan

An orphan who has lived for longer than a year in an established orphan's home in Texas operated by a fraternal, religious, or civic organization and has been graduated from the orphan's home shall be considered a resident of Texas provided he remains in Texas from the time of such graduation until he enters an institution of higher education.

E. Emancipated Child

Under certain circumstances, a minor may become emancipated or freed from parental control. If the minor's parents have ceased to exercise parental control and responsibility, if the minor is responsible for all of his or her own decisions and affairs, and if the minor is financially independent of parents, the minor may establish emancipation. A minor is financially independent if he or she receives less than \$600 a year from parents, and if the parents do not claim the minor as a dependent. If emancipation is clearly proven, the residence classification of the minor is determined by the residence of the minor rather than the residence of the parents, and after 12 months in Texas under such circumstances, the minor may be classified as a resident, if he or she otherwise satisfies the statutory requirements applicable to those over 21 (e.g., see presumption arising from residence while a student). Proof of emancipation is the responsibility of the minor.

F. Married Minors

A minor who is married shall have the power and capacity of a single person of full age and is entitled to select his or her own place of legal residence. After 12 months' residence in Texas under such circumstances, the minor may be classified as a resident if he or she otherwise satisfies the statutory requirements applicable to those over 21 years of age. The residence classification for tuition purposes of a nonresident who marries a Texas resident shall be governed by the provisions of the tuition statute (Texas Education Code, § 54.056) and of these rules and regulations as hereinafter set out.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)G. Minors Whose Parents Moved to Another State or Foreign Country

If the parents of a minor who is enrolled as a resident student move their legal residence to another state or foreign country on, or after August 15, 1971, the minor shall be classified as a nonresident at all subsequent registration periods. Under the provisions of Section 54.055, the minor will be entitled to pay the resident tuition fee as long as he remains continuously enrolled in a regular session in a public institution of higher education. The minor student must re-enroll for the next available regular semester immediately following the parents' change of legal residence to another state.

If the parents of a minor move to another state or foreign country, or reside outside the state or in a foreign country at the time of enrolling in an institution of higher education, but claim legal residence in Texas, conclusive evidence must be presented that the father is still claiming legal residence in the State of Texas and that he has the present intent to return to the state. A certificate from the employer of the parents that the move outside the state was temporary and that there are definite plans to return the parents to Texas by a determinable future date may be considered in this connection.

If a minor whose parents have moved their legal residence to another state or foreign country resides in Texas for 12 consecutive months following his 21st birthday and by his actions clearly indicates that his intention is to establish permanent residence in the state, he may be classified as a resident student effective with the beginning of the term or semester following his 22nd* birthday despite the fact that his entire period of residence in Texas has been as a student.

When the parents of a minor who have established their legal residence in another state or foreign country return and reestablish their legal residence in Texas, the minor must be classified as a nonresident until the first registration after the parents have resided in the state for a 12-month period following their return.

II. Residence of Individuals Over Twenty-One

Statute: Section 54.052 (d) An individual twenty-one (21) years of age or over who has come from outside Texas and who is gainfully employed in Texas for a 12-month period immediately preceding registration in an educational institution shall be classified as a resident student as long as he continues to maintain a legal residence in Texas; and

Section 54.052 (e) An individual twenty-one (21) years of age or over who resides out of the state or who has come from outside Texas and who registers in an educational institution before having resided in Texas for a 12-month period shall be classified as a nonresident student.

Section 54.054 A nonresident student classification is presumed to be correct as long as the residence of the individual in the state is primarily for the purpose of attending an educational institution. After residing in Texas for at least twelve (12) months, a nonresident student may be reclassified as a resident student as provided in the rules and regulations adopted by the Coordinating Board, Texas College and University System. Any individual reclassified as a resident student is entitled to pay the tuition fee for a resident of Texas at any subsequent registration as long as he continues to maintain his legal residence in Texas.

*The reference to the 22nd birthday should be interpreted as the 19th birthday.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)Establishment of Residence

Any individual 21 years of age or over who moves into the state and who is gainfully employed within the state for a period of 12 months prior to enrolling in an educational institution (defined as any institution of higher education, public or private, above the high school level), is entitled to classification as a resident. If such 12 months' residence, however, can be shown not to have been for the purpose of establishing legal residence in the state but to have been for some other purpose, the individual is not entitled to be classified as a resident. Any student registering in an educational institution prior to having resided in the state for 12 months shall be classified as a nonresident for tuition purposes.

A person classified as a nonresident student upon his first enrollment in an institution of higher education is presumed to be a nonresident for the period during which he continues as a student. If such nonresident student withdraws from school and resides in the state while gainfully employed for a period of 12 months, upon re-entry into an institution of higher education he will be entitled to be reclassified as a resident for tuition purposes. Accumulations of summer and other vacation periods do not satisfy this requirement. A student is not entitled to reclassification after a residence in the state for 12 months merely on the basis of his or his wife's employment, registration to vote, registration of a motor vehicle and payment of personal property taxes thereon, or the securing of a Texas driver's license. The presumption of a "nonresident" is not a conclusive presumption, however, and other facts may be considered to determine if the presumption has been overcome. Material to this determination are business or personal facts or actions unequivocally indicative of a fixed intention to reside permanently in the state including, but not limited to, the length of residence and full-time employment prior to registering in the institution, the fact of full-time employment and the nature of such employment (regular industrial, business or professional employment as distinguished from student-type employment) while a student, purchase of a home-stead with substantial down-payment, and marriage to a resident of Texas. All of these facts are weighed in the light of the fact that a student's residence while in school is primarily for the purpose of education and not to establish residence, and that decisions of an individual as to residence are generally made after the completion of an education and not before.

III. Married Students

Statute: Section 54.056 A nonresident who marries and remains married to a resident of Texas, classified as such under this Act at the time of the marriage and at the time the nonresident registers, is entitled to pay the resident tuition fee regardless of the length of time he has lived in Texas, and any student who is a resident of Texas who marries a nonresident is entitled to pay the resident tuition fee as long as he does not adopt the legal residence of the spouse in another state.

Nonresident Who Marries a Resident of Texas

The nonresident male or female student who marries a resident of Texas is entitled to pay the resident tuition at the registration period next following the date of marriage upon submission of evidence of such marriage and of the spouse's legal residence in Texas. Such marriage evidence is a certified copy of the marriage license or other certified documentary evidence of marriage as filed with the county clerk. The legal residence of a husband and wife are normally presumed to be the

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

same; however, it is possible for either the husband or wife to establish a residence different from the other spouse. In such a situation, the normal standards are followed. (See II.) In the event a nonresident student marries a resident of Texas and subsequently is divorced within 12 months, such nonresident student shall be classified as a nonresident for all enrollment periods subsequent to the date of such divorce; provided, however, the nonresident may establish Texas residence pursuant to normal standards. (See II.)

IV. Military Personnel and Veterans

Statute: Section 54.058(a) Military personnel are classified as provided by this section in the following manner:

(b) An officer, enlisted man or woman, selectee or draftee of the Army, Army Reserve, Army National Guard, Air National Guard, Texas State Guard, Air Force, Air Force Reserve, Navy, Navy Reserve, Marine Corps, Marine Corps Reserve, Coast Guard, or Coast Guard Reserve of the United States, who is assigned to duty in Texas is entitled to register himself, his spouse, and their children in a state institution of higher education by paying the tuition fee and other fees or charges required of Texas residents, without regard to the length of time he has been assigned to duty or resided within the state. However, out-of-state Army National Guard or Air National Guard members attending training with Texas Army or Air National Guard members under National Guard Bureau regulations may not be exempted from nonresident tuition by virtue of that training status nor may out-of-state Army, Air Force, Navy, Marine Corps, or Coast Guard Reserves training with units in Texas under similar regulations be exempted from nonresident tuition by virtue of such training status. It is the intent of the legislature that only those members of the Army or Air National Guard, Texas State Guard, or other reserve forces mentioned above be exempted from the nonresident tuition fee and other fees and charges only when they become members of Texas units of the military organizations mentioned above.

(c) As long as they reside continuously in Texas, the spouse and children of a member of the Armed Forces of the United States who has been assigned to duty elsewhere immediately following assignment to duty in Texas are entitled to pay the tuition fees and other fees or charges provided for Texas residents.

(d) If nonresident military personnel are attending an institution of higher education under a contract between the institution and any branch of the Armed Forces of the United States, in which the tuition of the member of the military is paid in full by the United States Government, the student shall pay the nonresident tuition fee;*

(e) A Texas institution of higher education may charge to the United States Government the nonresident tuition fee for a veteran enrolled under the provisions of a Federal law or regulation authorizing educational or training benefits for veterans;

(f) The spouse and children of a member of the Armed Forces of the United States who dies or is killed are entitled to pay the resident tuition fee, if the wife and children become residents of Texas within 60 days of the date of death; and

*Subparagraph (d), Section 54.058 has been repealed by House Bill 736, 63rd Legislature, effective August 27, 1973.

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(g) If a member of the Armed Forces of the United States is stationed outside Texas and his spouse and children establish residence in Texas by residing in Texas and by filing with the Texas institution of higher education at which they plan to register a letter of intent to establish residence in Texas, the institution of higher education shall permit the spouse and children to pay the tuition, fees, and other charges provided for Texas residents without regard to length of time that they have resided within the State.

A. Certification of Assignment to Duty in Texas

Subsection (b) provides that military personnel assigned to duty within the State of Texas, their husband or wife as the case may be and their children, shall be entitled to pay the same tuition as a resident of Texas regardless of the length of their physical presence in the state. To be entitled to pay the resident tuition fees, such military personnel shall submit at the time of each registration a statement from his commanding officer or personnel officer certifying that he is then assigned to duty in Texas and that same will be in effect at the time of such registration in an institution of higher education. This subsection also provides that a nonresident member of an out-of-state National Guard unit who is temporarily training with a Texas National Guard unit will not be entitled to pay the resident tuition.

B. Spouse and Children of Member of Armed Services

Subsection (c) provides that the spouse and children of a member of the armed forces assigned to duty outside the State of Texas immediately after assignment in Texas may be entitled to pay the resident tuition as long as they reside continuously in Texas.

Subsection (g) provides that the spouse and children of a member of the armed forces who is assigned to duty outside the State of Texas and sends his family to the State of Texas may be entitled to pay the resident tuition if they file with the institution of higher education at which the student intends to register a letter of intent, an affidavit or other evidence satisfactory to the institution stating that they intend to become permanent residents of Texas.

Subsection (f) provides that a member of the immediate family (which shall include spouse or children) of a member of the armed forces who dies or is killed in action while in military service may qualify to pay the resident tuition if they become residents of Texas within 60 days of the date of death. To qualify under this provision, the student shall submit to the institution of higher education satisfactory evidence establishing the date of death and residence in Texas.

The military personnel spouse and children enumerated in (b), (c), (f), and (g) are classified as nonresidents but shall be entitled to pay the resident tuition regardless of their length of residence in Texas if they comply with the provisions of the statute and these rules and regulations.

C. Nonresident Military Personnel* Attending College Under Contract

Subsection (d) provides that nonresident military personnel attending an institution of higher education under a contract with any branch of the armed forces where the tuition is paid in full under the provisions of such

*Subparagraph (d), Section 54.058 has been repealed by House Bill 736, 63rd Legislature, effective August 27, 1973.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

contract shall be charged nonresident tuition even though such military personnel may be assigned to duty pursuant to military orders at an institution of higher education.

D. Nonresidents Attending College Under Federal Benefits Programs for Veterans

Subsection (e) provides that the institution of higher education may charge the nonresident tuition fee for a nonresident veteran to the United States Government under the provisions of any federal law or regulation authorizing educational or training benefits for veterans.

E. Legal Residence of Person in Military Service

A person in military service is presumed to maintain during his entire period of active service the same legal residence which was in effect at the time he entered military service. A person stationed in a state on military service is presumed not to establish a legal residence in that state because his presence is not voluntary but under military orders. It is possible for a member of the military service to abandon his domicile of original entry into the service and to select another, but to show establishment of a new domicile during the term of active service, there must be clear and unequivocal proof of such intent. An extended period of service alone is not sufficient. The purchase of residential property is not conclusive evidence unless coupled with other facts indicating an intent to put down roots in the community and to reside there after termination of military service. Evidence which will be considered in determining this requisite intent includes, but is not limited to a substantial investment in a residence and the claiming of a homestead exemption thereon, registration to vote, and voting in local elections, registration of an automobile in Texas and payment of personal property taxes thereon, obtaining a Texas driver's license, maintaining checking accounts, savings accounts, and safety deposit boxes in Texas banks, existence of wills or other legal documents indicating residence in Texas, change of home-of-record and designation of Texas as the place of legal residence for income tax purposes on military personnel records, business transactions or activities not normally engaged in by military personnel, membership in professional or other state organizations, and marriage to a resident of Texas. Purchase of property during terminal years of military service preceding retirement generally is given greater weight than a similar purchase made prior to such terminal period.

F. Residence Classification of Veterans Upon Separation from Military Service

A person who enrolls in an institution of higher education following separation from military service must be classified as a nonresident student unless, (1) the individual was a legal resident of Texas at the time of entry into military service and has not relinquished that residence, (2) the individual can prove that during military service he or she has, in fact, established a bona fide, legal residence in Texas at a time at least 12 months prior to registration, or (3) the individual has resided in Texas other than as a student for 12 months prior to registration and subsequent to discharge from service. The nonresident classification is a presumption, however, which can be overcome pursuant to the guidelines and standards for establishing Texas residence. (See II.)

V. Employees of Institutions of Higher Education Other Than Students

Statute: Section 54.059 A teacher, professor, or other employees of a Texas institution of higher education is entitled to register himself, his spouse, and their children in a state institution of higher education by paying

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

the tuition fee and other fees or charges required for Texas residents without regard to the length of time he has resided in Texas. A teacher, professor, or other employee of a Texas institution of higher education is any person employed at least one-half time on a regular monthly salary basis by a state institution of higher education.

A person employed at least half-time on a regular monthly salary basis (not an hourly employee) by any public institution of higher education, with an effective date of employment on the 12th class day of a regular semester or the 4th class day of a summer term, may pay the same tuition as a resident of Texas for self, husband or wife as the case may be and their children, regardless of the length of residence in the state. To be entitled to pay the resident tuition fees such employee must submit prior to the time of each registration a statement certifying employment from the Director of Personnel or a designated representative of the institution of higher education by which he is employed.

VI. Student Employees

Statute: Section 54.051(o) A teaching assistant, research assistant, or other student employee of any institution covered by this section is entitled to register himself, his spouse, and their children in a state institution of higher education by paying the tuition fees and other fees or charges required for Texas residents, without regard to the length of time he had resided in Texas; provided that said student employee is employed at least one-half time in a position which relates to his degree program under rules and regulations established by the employer institution. This exemption shall continue for students employed two consecutive semesters through the summer session following such employment if the institution is unable to provide employment and, as determined under standards established by the institution, if the employee has satisfactorily completed his employment.

A student employed at least half-time by any public institution of higher education in a position which relates to his degree program, with an effective date of employment on or before the 12th class day of a regular semester, or the 4th class day of a summer term, may pay the same tuition as a resident of Texas for himself, his husband or wife as the case may be, and their children regardless of the length of residence in the state. In order to be eligible under this provision, the student employee's position must relate academically to the degree program he is pursuing. That is, it must relate to his academic program educationally and intellectually and cannot merely be a means of support in an unrelated field or activity. In order to insure consistent and equitable interpretation and application of this section, the chief administrative officers may not delegate the determination in these cases below the dean's level. If a student is employed by an institution of higher education for consecutive Fall and Spring semesters and he was further eligible to pay the tuition charged to Texas residents during those Fall and Spring semesters because of the provisions of this subsection, then the student may continue to pay the resident tuition rate during the summer session following the Spring employment if the institution is unable to provide employment and if the student has satisfactorily completed his employment.

VII. Competitive Scholarships

Statute: Section 54.051(p) A nonresident student holding a competitive scholarship of at least \$200 for the academic year or summer for which he is enrolled is entitled to pay the fees and charges required of Texas

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

residents without regard to the length of time he has resided in Texas, provided that he must compete with other students, including Texas residents, for the scholarship and that the scholarship must be awarded by a scholarship committee officially recognized by the administration of the institution of higher education.

To be eligible under this provision a nonresident student must receive a scholarship of at least \$200 awarded to him in competition with other students, including Texas residents. The scholarship must be awarded by a scholarship committee recognized by the chief administrative officer of the institution, and the funds must flow through the institution rather than being awarded directly to the individual by an outside person, group, or agency. The chief administrative officers shall develop their own institutional criteria for officially recognizing a scholarship committee and shall not delegate the responsibility for officially recognizing such scholarship committees below the vice-presidential level.

A scholarship awarded under the scholarship fund for needy students created by the legislature from tuition revenues will not qualify a nonresident student under this section.

If a nonresident student obtains a competitive scholarship of \$200 or more as defined above, he may pay the same tuition as a resident of Texas during the registration period in which the scholarship is in effect. The student must present a statement from the student financial aid officer certifying that such scholarship will be in effect at the time of registration.

VIII. Citizens of Any Country Other Than the United States of America

Statute: Section 54.057 An alien who is living in this country under a visa permitting permanent residence or who has filed with the proper Federal immigration authorities a declaration of intention to become a citizen has the same privilege of qualifying for resident status for fee purposes under this Act as has a citizen of the United States. A resident alien residing in a junior college district located immediately adjacent to Texas boundary lines shall be charged the resident tuition by that junior college.

Citizens of any country other than the United States of America who are in this country on a student visa or a visa other than one entitling them to immigrant status and who enroll in an institution of higher education covered by Section 54.051 of the Texas Education Code shall be classified as "...students who are citizens of any country other than the United States of America..." for purposes of Section 1(a)(7) of Article 2654c, V.T.C.S. Such a student who is in this country on an immigrant visa can be classified as a resident student if he has resided in the state for a period of 12 months under circumstances indicating his intention to reside permanently in Texas and not merely to complete his education. To this extent a citizen of any country other than the United States of America residing in Texas on an immigrant visa shall be in no different position than the citizen of the United States who has been a resident of another state. A citizen of any country other than the United States of America residing in the United States of America in a State other than Texas on an immigrant visa and has established his intent to reside permanently in such other State shall be classified as a nonresident.

IX. Student ResponsibilitiesA. Student Responsibility to Register Under Proper Classification

The responsibility of registering under the proper residence classification is that of the student, and if there is any question of his right to

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

classification as a resident of Texas, it is his obligation, prior to or at the time of his registration, to raise the question with the administrative officials of the institution in which he is registering and have such officially determined.

B. Notification Upon Becoming a Nonresident

Every student who is classified as a resident student but who becomes a nonresident at any time by virtue of a change of legal residence by his own action or by the person controlling his domicile is required to notify the proper administrative officials of his institution at once.

X. Official Change of Residence StatusA. Application for Reclassification

Every student classified as a nonresident student shall be considered to retain that status until such time as he shall have made written application for reclassification in the form prescribed by the institution and shall have been officially reclassified in writing as a resident of Texas by the proper administrative officers of the institution.

B. Reclassification as a Nonresident

Every person who has been classified as a resident of Texas shall be reclassified as a nonresident student whenever he shall report, or there is found to exist, circumstances indicating a change in legal residence to another state. If any student who has been classified as a resident of Texas shall be found to have been erroneously so classified, he shall be reclassified as a nonresident and shall be required to pay the difference between the resident and nonresident fees for such semesters in which he was so erroneously classified. In addition, he shall be required to pay back all monies borrowed from the Texas Opportunity Plan Fund.

C. Reclassification as a Resident

If any student has been erroneously classified as a nonresident student and subsequently proves to the satisfaction of the appropriate officials of an institution of higher education that he should have been classified as a resident student, he shall be reclassified as a resident of Texas and shall be entitled to a refund of the difference between the resident and nonresident fees for the semester in which he was so erroneously classified.

XI. Penalties

Statute: Section 54.053 The governing board of each institution required by this Act to charge a nonresident tuition or registration fee is subject to the rules, regulations, and interpretations issued by the Coordinating Board, Texas College and University System, for the administration of the nonresident tuition provisions of this Act. The rules, regulations, and interpretations promulgated by the Coordinating Board shall be furnished to the presidents or administrative heads of all Texas public senior and junior colleges and universities.

Section 54.061 The governing board of an institution of higher education may assess and collect from each nonresident student who fails to comply with the rules and regulations of the boards concerning nonresident fees a penalty not to exceed \$10 a semester.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)Student Compliance with Institutional Rules and Regulations

Each institution has been authorized by statute to assess and collect from each nonresident student failing to comply with the provisions of the tuition statute and with these interpretations concerning nonresident fees a penalty not to exceed \$10.00 a semester. In addition, if a student has obtained residence classification by virtue of deliberate concealment of facts, or misrepresentation of fact, he may be subject to appropriate disciplinary action, in accordance with the rules and regulations that may be adopted by the governing boards of the respective institutions of higher education.

University RegulationsEffect of Absence from the University

Every student returning to the University after an absence of more than one semester is required to file a residence questionnaire on a form furnished by the Registrar.

APPENDIX

B

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)PROFESSIONAL CERTIFICATE PROGRAMS FOR PERMANENT CERTIFICATION
FOR TEACHING IN THE PUBLIC SCHOOLS OF TEXASIntroduction

The University of Texas at San Antonio is approved by the Texas Education Agency to recommend students for teacher certification in the following areas:

- 1) Professional Elementary Certificate
 - A. General; Classroom Teaching
 - B. Bicultural-Bilingual Concentration
 - C. Reading Concentration
 - D. Early Childhood Concentration
 - E. Kindergarten Endorsement Concentration
- 2) Kindergarten Endorsement Only
- 3) Professional Secondary Certificate
 - A. General: Classroom Teaching
 - B. Bicultural-Bilingual Concentration
 - C. Reading Concentration
- 4) Professional Supervisor's Certificate
- 5) Professional Administrator's Certificate--Mid Management
- 6) Professional Administrator's Certificate--Superintendent

Important Facts

1. A student taking graduate courses at UT San Antonio may work toward a Master's degree only, a Master's degree and a Professional Certificate, or a certificate only.
2. Students working toward a Certificate must make application to the Office of Teacher Certification and Placement and be admitted to a certificate program. This is in addition to the application for admission to UT San Antonio submitted to the Admissions Office.
3. Any course substituted for a course listed on the Certificate Program must be approved by the student's advisor and the Office of Teacher Certification and Placement. It is the student's responsibility to see that this is done.
4. Approximately 1/3 or more of the Certification Program must be taken at UT San Antonio. In no instance will this be less than 9 semester hours.
5. It is the student's responsibility to see that all requirements are met. A 3.0 grade point average must be maintained each semester.
6. No official certificate program will be planned for a student by the Office of Teacher Certification and Placement until after the student has been admitted.

Procedural Steps for Certification

1. Student makes application to Office of Teacher Certification and Placement at time of admission to The University.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

2. Student receives letter of acceptance with two copies of Certification Plan.
3. Student gives one copy of Certification Plan to advisor, and retains one copy for personal use.
4. At completion of Certification Program, student makes Application for Certificate to Office of Teacher Certification and Placement.
5. University recommendation and application sent to Texas Education Agency in Austin.
6. Certificate mailed to the student from Austin.

Admission Requirements to Certification Program

1. Admission to The University and approval of the Division of Education and other Divisions as appropriate to the certification program sought.
2. Be a U.S. citizen, or have evidence of having made application for citizenship.
3. Hold a valid Teacher's Certificate in Texas.
4. Have a grade point average of 3.0 on a four point scale on upper division and graduate work or approval of Office of Teacher Certification and Placement.

Requirements for University Recommendation for Certificate
(in addition to Admission Requirements)

1. Completion of official certificate program plan.
2. Three years of teaching experiences in an accredited school (two years for Administrator's Certificate).
3. Grade Point Average of 3.0 on all work taken on certificate program. 3.0 average is required on all courses in Education, and 3.0 average is required in all courses in an academic concentration.
4. Have taken the Graduate Record Examination (GRE), or ATGSB. Test scores must be sent directly to UT San Antonio Admissions Office.

Certification RequirementsProfessional Elementary Certificate (30 semester hours)

Options:

A. General: Classroom teaching

1. 15 semester hours in Art, Biology, Economics, English, Geography, History, Mathematics, Spanish or Business.
2. BCBL 532
3. EDUC 530

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

4. EDUC 561, or EDUC 565, or ECED 563
 5. Any 6 semester hours for elementary teachers but preferably ECED 565 or ECED 581.
- B. Bicultural-Bilingual Concentration
1. BCBL 530, BCBL 571, BCBL 573, BCBL 575, BCBL 532 BCBL elective.
 2. EDUC 530
 3. EDUC 561 or EDUC 565, or ECED 563
 4. Any 6 semester hours for elementary teachers but preferably ECED 565 or ECED 581.
- C. Reading Concentration
1. ECED 571, ECED 572, ECED 570, ECED 573, SED 570
 2. BCBL 532
 3. EDUC 530
 4. EDUC 561 or EDUC 565, or ECED 563
 5. Any 6 semester hours for elementary teachers but preferably ECED 565 or ECED 581.
- D. Early Childhood Concentration
1. CURR 565, CURR 568, ECED 578, ECED 595
 2. BCBL 532, ECED 597
 3. EDUC 530
 4. EDUC 561 or EDUC 565, or ECED 563
 5. Any 6 semester hours for elementary teachers but preferably ECED 565 or ECED 581.
- E. Kindergarten Endorsement Concentration
1. ECED 561, ECED 563, ECED 575
 2. CURR 561 or ECED 599
 3. BCBL 532
 4. 3 semester hours elective. Consent of advisor.
 5. EDUC 530
 6. EDUC 561, or EDUC 565, or ECED 563
 7. Any 6 semester hours for elementary teachers but preferably ECED 565 or ECED 581.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)Kindergarten Endorsement Only (12 semester hours)

1. ECED 561, ECED 563, ECED 575
2. CURR 561 or ECED 599

Professional Secondary Certificate (30 semester hours)

Options:

A. General: Classroom teaching

1. 15 semester hours in Art, Biology, Economics, English, Geography, History, Mathematics, Spanish or Business.
2. BCBL 532
3. EDUC 530
4. EDUC 561 or EDUC 565
5. Any 6 semester hours for secondary teachers but preferably CURR 571, CURR 591 or CURR 595.

B. Bicultural-Bilingual Concentration

1. BCBL 530, BCBL 571, BCBL 573, BCBL 575, BCBL 532, BCBL elective
2. EDUC 530
3. EDUC 561 or EDUC 565
4. Any 6 semester hours for secondary teachers but preferably CURR 571, CURR 591 or CURR 595.

C. Reading Concentration

1. ECED 571, ECED 572, ECED 570, ECED 573, SED 570
2. BCBL 532
3. EDUC 530
4. EDUC 561 or EDUC 565
5. Any 6 semester hours for secondary teachers but preferably CURR 571, CURR 591 or CURR 595

Professional Supervisor's Certificate (30 semester hours)

1. CURR 560, CURR 661, CURR 662
2. BCBL 532, EDUC 530, EDUC 581
3. 3 semester hours from - CURR 561, CURR 562, CURR 571, CURR 581, CURR 591
4. 9 semester hours with consent of advisor.

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)Professional Administrator's Certificate -- Mid-Management
(45 semester hours including a Master's Degree)

1. EDMG 530, CURR 660, EDUC 530, EDUC 581, EDMG 533, EDUC 561
or EDUC 565
2. BCBL 532
3. 6 Semester hours electives. Consent of advisor.
4. EDMG 561, EDMG 535, EDMG 571, EDMG 610-630, EDMG 571 or EDMG 575
5. EDMG 660A

Professional Administrator's Certificate -- Superintendent
(15 semester hours in addition to Mid-Management Certificate)

1. EDMG 581, EDMG 590, EDMG 538, EDUC 583
2. EDMG 660B

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1975-75 (Continued)

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THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-74 (Continued)

DIRECTORY FOR CORRESPONDENCE

Requests for information should be directed to the offices shown below.
 The University's address is: The University of Texas at San Antonio,
 4242 Piedras Drive East, Suite 250, San Antonio, Texas 78284. The
 telephone number is (512) 732-2141.

Academic Degree Programs and Courses-----	College Dean
Admission (Undergraduate and graduate)-----	Director of Admissions
Continuing Education-----	Dean of Continuing Education
Financial Aids, Loans or Scholarships-----	Office of Student Financial Aids
Financial Matters-----	Office of Business Affairs
General Information-----	Director of Admissions
International Students-----	Director of Admissions
Registration-----	Registrar
Residency-----	Registrar
Student Employment-----	Office of Student Financial Aids
Student Services-----	Dean of Students
Teacher Certification Program-----	Office of Teacher Certification and Placement
Transcripts-----	Registrar
Veterans Affairs-----	Registrar

THE UNIVERSITY OF TEXAS AT SAN ANTONIO GRADUATE CATALOG, 1974-75 (Continued)

MAP SHOWING TEMPORARY LOCATION OF UT SAN ANTONIO



THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS
5323 Harry Hines Boulevard, Dallas, Texas 75235

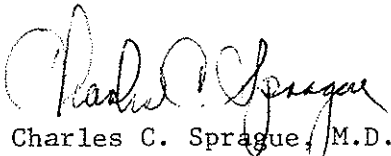
Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the February 1, 1974 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,



Charles C. Sprague, M.D.
President

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS

BOARD OF REGENTS MEETING - FEBRUARY 1, 1974

TRAVEL

DALLAS MEDICAL SCHOOL

1. Shamin Fazal Islam, Research Technician II, Department of Surgery, to travel to Houston, Texas, for the purpose of attending a training session from August 28, 1973 to September 29, 1973; expenses will be paid by a Surgery NIH grant.

REVISION FOR THE 1973-74 PERSONNEL PAY PLAN. Approval is requested for the following:

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<u>Code</u>	<u>Title</u>	<u>Approved Range</u>	<u>Requested Range</u>
1035	Research Nurse Assistant Supervisor	\$ 9,648-12,576	\$ 9,648-12,168
1040	Nurse V	12,576-15,900	12,168-15,372
1043	Nurse II	9,336-11,016	9,024-11,016
1072	Vocational Nurse II	7,140- 8,436	6,900- 8,160
4315	Technical Staff Assistant II	5,460- 7,380	5,460- 7,632
4331	Engineering Technician III	11,016-14,376	10,656-13,908
4332	Engineering Technician II	9,648-12,576	9,648-12,168
4410	Research Associate	10,308-13,452	9,972-13,452
4420	Research Technician III	9,336-11,772	9,024-11,772
4421	Research Technician II	8,160-10,308	7,896-10,308
4481	Laboratory Technical Assistant II	5,460- 7,140	5,460- 6,900
5012	Superintendent of Construction and Maintenance	11,772-15,900	11,772-15,372
5061	Architect I	11,772-15,900	11,772-15,372
5344	Maintenance Foreman	9,972-13,008	9,648-12,576
5345	Mechanical Foreman	9,336-11,772	9,024-11,388
6139	Nutritionist	8,160-10,308	7,896- 9,972
6215	Building Services Supervisor	8,160-10,308	7,896- 9,972
6240	Housekeeper	7,140- 9,336	6,900- 9,024
6343	Guard, University Police	6,672- 8,724	6,672- 9,024
6369	Safety Coordinator	10,308-13,452	12,168-15,900
6445	Storekeeper	7,380- 9,648	7,380- 9,972
8103	Educational Program Coordinator	12,576-16,440	12,168-15,372
8418	Instructional Film Director	11,388-14,868	11,016-14,376
8472	Television Specialist III	7,140- 9,336	6,900- 9,024
8503	Audio Visual Systems Director	9,336-11,772	9,024-11,388
8528	Medical Graphics Technician III	8,160- 9,972	8,160-10,308
8534	Instructional Graphics Designer	11,388-14,868	11,016-14,376
8538	Instructional Film Director	11,388-14,868	11,016-14,376
8731	Duplicating Equipment Operator III	7,140- 8,724	6,900- 8,724
9005	Administrative Services Officer	12,576-16,440	12,168-15,900
9019	Administrative Assistant II	9,972-13,008	9,648-12,576
9041	Senior Secretary	7,140- 9,336	6,900- 9,024
9170	Accounting Clerk III	8,160-10,308	7,896-10,308
9171	Accounting Clerk II	7,140- 8,724	6,900- 8,724
9329	Computer Programmer IV	14,376-18,180	14,376-18,804
9336	Computer Programmer Assistant	7,140- 8,724	7,140- 9,024
9539	Supervisor of Personnel Records	8,160-10,308	7,896- 9,972

ADDITIONAL CLASSIFICATIONS FOR THE 1973-74 PERSONNEL PAY PLAN. Approval is requested for the following:

<u>Code</u>	<u>Title</u>	<u>Monthly Range</u>	<u>Annual Range</u>
3121	Psychologist III	\$1,048-1,281	\$12,576-15,372
3122	Psychologist II	804-1,121	9,648-13,452
3123	Psychologist I	636- 831	7,632- 9,972

ADDITIONAL CLASSIFICATIONS FOR THE 1973-74 PERSONNEL PAY PLAN - continued

<u>Code</u>	<u>Title</u>	<u>Monthly Range</u>	<u>Annual Range</u>
8455	Television and Electronic Control Technician	\$ 658- 859	\$ 7,896-10,308
9313	Manager, Software Systems Programming	1,121-1,515	13,452-18,180
9314	Manager, Operations and Services	1,014-1,325	12,168-15,900
9316	Manager, System Analyst Services	1,159-1,620	13,908-19,440
9362	Magnetic Tape Librarian	455- 615	5,460- 7,380

GIFTSDALLAS MEDICAL SCHOOL

<u>Donor</u>	<u>Amount</u>
1. Morgan-Good Foundation Trust First National Bank in Dallas P. O. Box 6031 Dallas, Texas 75222 <u>Purpose and Condition.</u> \$1,241.65 will be used to pay the cost of completing the learning center for medical students and house staff at Parkland Hospital; and \$12,000.00 will fund eight student fellowships.	\$13,241.65
2. Harry S. Moss Foundation 4208 Armstrong Parkway Dallas, Texas 75205 <u>Purpose and Condition.</u> Gift is to be used for furnishings and equipment for the projected Harry S. Moss Clinical Science Building.	\$40,000.00
3. Campbell Manufacturing Co., Inc. Southwest Digestive Diseases Foundation 9106 Chancellor Row Dallas, Texas 75247 <u>Purpose and Condition.</u> Support for research in digestive diseases under the direction of John S. Fordtran, M.D., Department of Internal Medicine.	\$10,000.00
* 4. Mrs. Eugene McDermott The McDermott Foundation 3300 Republic Bank Tower Dallas, Texas 75201 <u>Purpose and Condition.</u> Gift of two air beds for the Burn Unit under the direction of Dr. Charles Baxter, Department of Surgery.	\$12,744.50

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL)DALLAS HEALTH SCIENCE CENTER

1. Agreement whereby the Milwaukee Chaplet & Mfg. Company Inc., Milwaukee, Wisconsin, shall loan a Photomicrotome to the Dallas Health Science Center for a one year period commencing September 1, 1973 at no charge other than the expense involved in maintenance and repair of the equipment.

* Original Letter Not Received

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL) - continued

DALLAS MEDICAL SCHOOL

* American Cancer Society, Inc.
219 East 42nd Street
New York, N. Y. 10017

1. Research Grant #BC-153
"The Microsomal Metabolism of Hydrazine Derivatives by Mixed-Function Oxidase Enzyme Systems." An enzyme study.
Russell A. Prough, Ph.D., Department of Biochemistry
January 1, 1974 through December 31, 1975
\$40,814.00

B. Braun Melsungen Aktiengesellschaft
Bereich Forschung/Entwicklung
Postfach 110 und 120
Melsungen, Germany

2. Research Grant
"Use of Lipofundin S-15 in the Experimental Animals." Study of toxicity and metabolic alterations of a fat emulsion intravenously administered in different animal species at various ages.
Ekkehard W. Reimold, M.D., Department of Pediatrics
\$48,709.00

Blanche Mary Taxis Foundation
1200 Republic National Bank Building
Dallas, Texas 75201

3. Research Grant
"An assessment of the Risk of Infection with Tubercle Bacilli Among Patients Hospitalized with Nontuberculous Illness and Staff in a General Hospital Treating Patients with Tuberculosis."
An epidemiological study of the safety of patients on general wards with tuberculosis.
W. G. Johanson, Jr., M.D, Department of Internal Medicine
\$5,830.00

The Council for Tobacco Research - U.S.A., Inc.
110 East 59th Street
New York, N. Y. 10022

4. Research Grant No. 918
"Effects of Tobacco Smoke and Nicotine on Coronary Collateral Blood Flow."
H. Fred Downey, Ph.D., Department of Physiology
January 1, 1974 through December 31, 1974
\$15,290.00

Hoffmann-La Roche, Inc.
Nutley, New Jersey 07110

5. Research Grant
"Sulfamethoxazole-trimethoprim (R06-2580) vs. Macrochantin in the Treatment of Chronic Urinary Tract Infection." Drug study.
Stephen R. Jones, M.D., Department of Internal Medicine
\$17,250.00

* Original Award Letter Not Received

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL) - continued

DALLAS MEDICAL SCHOOL - continued

Lederle Laboratories
 American Cyanamid Company
 Pearl River, New York 10965

6. Research Grant
"Evaluation of the Prophylactic Use of MINOCIN in the Prevention of Burn Wound Sepsis." A drug study.
 Charles R. Baxter, M.D., Department of Surgery
 \$10,000.00

The Lilly Research Laboratories
 Indianapolis, Indiana 46206

7. Research Grant No. 235/5456C/09
"Pharmacologic Suppressant of Glucagon Secretion in Human Diabetes."
 Robert H. Unger, M.D., Department of Internal Medicine
 \$6,000.00 additional income

Merrell-National Laboratories
 Division of Richardson-Merrell Inc.
 Cincinnati, Ohio 45215

8. Research Grant
"Search for a Glucagon-Suppressing Agent."
 Roger H. Unger, M.D., Department of Internal Medicine
 August, 1973 through July, 1974
 \$8,000.00

National Cystic Fibrosis Research Foundation
 3379 Peachtree Road, N.E.
 Atlanta, Georgia 30326

9. Supplemental Center Grant
 Additional award for support of the Dallas Cystic Fibrosis Care and Teaching Center.
 Robert I. Kramer, M.D., Department of Pediatrics
 November 1, 1973 through February 28, 1974
 \$3,167.00

Roerig Pfizer
 235 East 42nd Street
 New York, N. Y. 10017

10. Research Grant
"Clinical Investigation with Glipizide (K-4024)." A drug study.
 Holbrooke S. Seltzer, M.D., Department of Internal Medicine
 \$51,840.00

Smith Kline & French Laboratories
 1500 Spring Garden Street
 Philadelphia, Pennsylvania 19101

11. Research Grant
"Double-Blind Crossover Comparison of SK&F 40383 and Ephedrine (Protocol 5C-1)." Additional income.
 Alan K. Pierce, M.D., Department of Internal Medicine
 \$11,040.00

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL) - continued

DALLAS MEDICAL SCHOOL - continued

The Upjohn Company
Kalamazoo, Michigan 49001

- * 12. Research Grant
Additional Support of Diabetes Studies.
Holbrooke S. Seltzer, M.D., Department of Internal Medicine
\$3,000.00

13. Agreement between Southwestern Medical School and Texas Scottish Rite Hospital for Crippled Children, Dallas, Texas whereby Scottish Rite Hospital agrees to continue the W. B. Carrell Professorship of Orthopedic Surgery for the period October 1, 1973 through September 30, 1974 in the amount of \$25,000.00

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GRANTS, CONTRACTS, AND AGREEMENTS (STATE)

1. Interagency Cooperation Contract IAC (74-75)-0472 whereby The University of Texas Southwestern Medical School at Dallas and the Texas State Commission for the Blind will jointly provide vocational rehabilitation services to eligible ophthalmological patients of the Medical School for the period September 1, 1973 through August 31, 1974 for remuneration to not exceed \$150,000.00.

2. Interagency Cooperation Contract IAC (74-75)-0499 whereby The University of Texas Southwestern Medical School at Dallas agrees to provide medical and psychiatric consultants for Denton State School, Texas Department of Mental Health and Mental Retardation for a two-year period commencing September 1, 1973 for remuneration to not exceed \$16,000.00.

* Original Award Letter Not Received

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS

FEDERAL CONTRACTS AND GRANTS

BOARD OF REGENTS MEETING - FEBRUARY 1, 1974

DALLAS ALLIED HEALTH SCIENCES SCHOOL

1. Contract whereby The School of Allied Health Sciences, The University of Texas Health Science Center at Dallas, will aid in meeting the State Department of Public Welfare's responsibility under Title I, IV-A, X, XIV and XVI of the Social Security Act for the recruitment and training of sufficient numbers of qualified personnel to provide a manpower pool for the public social services. This contract covers the one year period commencing September 1, 1973 for remuneration in the amount of \$26,903.00.

DALLAS MEDICAL SCHOOL

Department of Health, Education, and Welfare
Public Health Service

1. Research Grant 3 RO1 HD06832-02S1
"Chromosome Mutations in Infants and Children." Supplemental award.
 Mary E. Gaulden, Ph.D., Department of Radiology
 October 1, 1973 through April 30, 1974
 \$1,530.00
 Dallas County
2. Fellowship No. 1 FO2 GM55567-01
 Postdoctoral Supply Allowance for Ulrich K. Melcher, Ph.D.,
 Department of Microbiology.
 Jonathan W. Uhr, M.D., Department of Microbiology
 September 1, 1973 through October 31, 1974
 \$1,167.00
 Dallas County
3. Development Award - Research Career Program 5 K04 AM70297-02
"Mechanisms of Chronic Inflammation Produced by Immune Complexes." Study of immune complex diseases.
 Hugo E. Jasin, M.D., Department of Internal Medicine
 January 1, 1974 through December 31, 1974
 \$25,000.00
 Dallas County
4. Career Award - Research Career Program 5 K06 AM14155-13
"Clinical and Basic Immunology." A continuation grant.
 Morris Ziff, M.D., Department of Internal Medicine
 January 1, 1974 through December 31, 1974
 \$27,796.00
 Dallas County
5. Research Grant 5 RO1 AM03612-15
"Thyroid Function and Iodine Metabolism." A continuation grant.
 Alvin M. Taurog, Ph.D., Department of Pharmacology
 December 1, 1973 through November 30, 1974
 \$48,455.00
 Dallas County

FEDERAL CONTRACTS AND GRANTS - continued

DALLAS MEDICAL SCHOOL - continued

Department of Health, Education, and Welfare
Public Health Service

6. Research Grant 3 R01 AM13757-16S1
"Splanchnic Hemodynamics and Splanchnic Metabolism." Supplemental award.
Burton Combes, M.D., Department of Internal Medicine
December 1, 1973 through March 31, 1974
\$16,789.00
Dallas County
7. Research Grant 5 P01 CA14094-02
"Exploratory Studies for Cancer Research." A continuation grant.
Morton D. Prager, Ph.D., Department of Surgery
December 1, 1973 through November 30, 1974
\$27,588.00
Dallas County
- * 8. Development Award - Research Career Program 5 K04 AM46210-05
"Studies of Disorders of Keratinization in Man." A continuation grant.
James H. Herndon, Jr., M.D., Department of Internal Medicine
January 1, 1974 through December 31, 1974
\$25,000.00
Dallas County

* Original Award Letter Not Received

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS

AMENDMENTS TO THE 1972-73 OPERATING BUDGET

BOARD OF REGENTS MEETING - FEBRUARY 1, 1974

TRANSFER OF FUNDS:

From: Various Accounts (detailed below)	<u>\$487,164.48</u>
To: Various Accounts (detailed below)	\$ 30,100.46
Unappropriated Surplus	<u>457,064.02</u>
	<u>\$487,164.48</u>
For: To close departmental balances as of August 31, 1973.	

<u>Source of Funds</u>	<u>Teaching Salaries</u>	<u>Other Salaries</u>	<u>M & O Equipment</u>	<u>Travel</u>
Office of the Dean	\$	\$ 4,070.70	\$ 1,732.82	\$ 3,701.44
Office of Medical Information				536.42
Office of Development		3,294.00	883.15	894.55
Office of Student Affairs		264.55		1,327.79
Office of Personnel Director		4,607.25	332.94	778.55
Office of Business Affairs		118.45	1,280.09	117.45
Office of the Business Manager		911.12	164.14	119.89
Office of the Budget Officer		75.91		269.01
Office of the Director of Accounting		6,194.80		1.34
Office of the Purchasing Agent		139.80		147.64
Office of Central Data Processing		2,315.74	27,401.56	203.57
Commencement Account			1,493.45	
Conferences, Lectures, etc.				1,023.55
Demurrage			6,069.44	
Diplomas			176.77	
Faculty Seminar				119.32
Institutional Membership Dues			1,367.00	
Miscellaneous General Expense			437.21	
Official Occasions			391.09	
O.A.S.I.			870.79	
Surety Bonds			5,177.15	
University Branch Travel				3,347.92
Workmen's Compensation			80.88	
Rental of Space			2,952.96	
Mail Service		1,113.41	6,089.52	
Receiving		20.10	191.82	
Radiation Safety Program		758.00	1,894.31	110.97
Office of Grants and Sponsored Research			190.13	748.11
Cell Biology		3,290.52		122.22
Anesthesiology		.05	608.20	316.50
Biochemistry		24.16		233.53
Biophysics			15.81	71.33
Internal Medicine		7.42	791.69	25.54
Microbiology		1,972.75		
Neurology		317.00	19.91	730.55
Obstetrics and Gynecology		969.01	2,891.30	550.59
Ophthalmology		191.79	17.54	
Pathology		423.74		
Pediatrics		1,757.92	201.20	360.33
Pharmacology		434.17	57.43	.39

AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continued

TRANSFER OF FUNDS - continued

<u>Source of Funds</u>	<u>Teaching Salaries</u>	<u>Other Salaries</u>	<u>M & O Equipment</u>	<u>Travel</u>
Physical Medicine and Rehabilitation	\$	\$	\$	\$
Physiology		1,342.43	195.28	481.24
Psychiatry		2.94	1.89	
Radiology		7,351.49	8,083.18	571.66
Surgery		7,690.89		35.65
Medical Art and Visual Education		5,207.21		328.71
Office of Graduate Studies		2,051.14	9,510.75	.08
Unallocated Accounts	2,893.05	1,263.03		874.29
Animal Resources Center		4,412.92	2,899.00	
Bio-Engineering		1,580.85	38.04	521.09
Classroom Expense Allocation		70.30	40.10	666.02
General Instructional Expense			191.58	
Medical Computing Resources Center		2,500.00	3,477.93	
Organized Research			6,539.75	14.37
Evaluation of Trabeculotomy AB Externo		120.20		
Study of Mechanism of Immunoglobulin Deposition			379.74	
Evaluation of Colposcope and Endometrial Jet Washer			70.72	
Labor and Fetal Monitoring in High Risk Pregnancy			1.63	
Extension Postgraduate Program		4,100.00	232.94	2.36
Library		1,717.80		102.99
Bioinformation Administration			55.50	
Physical Plant				
Administration		4,214.40	247.19	1,063.38
Dallas OFPC Office			900.00	
University Police		16,326.17	1,593.29	617.83
General Services		2,456.68	350.34	
Building Maintenance		3,694.27	38,005.08	
Custodial Services		5,107.46	3,309.83	
Grounds Maintenance		7,172.14	1,424.18	
Utilities		3,640.72	149,536.90	
Special Projects - Emergencies			5,959.55	
Remodeling for Dr. Kallus			1.88	
Renovation for Dr. Pak			5,443.77	
Allied Health				
Administration		8,714.49		908.94
Conferences and Lectures			8.84	
Commencement			426.85	
Official Occasions			74.41	
Rental of Space			913.98	
Rehabilitation Science				128.04
Nutrition and Dietetics				1,201.03
Physical Therapy				220.00
Medical Technology				437.21
Teaching Education				.85
Kidney Transplantation Unit		23.21	280.30	
Unallocated Accounts			32,229.37	
	<u>\$2,893.05</u>	<u>\$124,033.10</u>	<u>\$336,204.09</u>	<u>\$24,034.24</u>

AMENDMENTS TO THE 1972-73 OPERATING BUDGET - continued

TRANSFER OF FUNDS - continued

<u>Application of Funds</u>	<u>Teaching Salaries</u>	<u>Other Salaries</u>	<u>M & O Equipment</u>	<u>Travel</u>
Office of Medical Information	\$	\$	\$ 586.27	\$
Office of Student Affairs			1,201.16	
Office of the Budget Officer			459.12	
Office of the Director of Accounting			1,194.82	
Office of the Purchasing Agent			610.26	
Official Publications			11,602.75	
Telephone Service		247.55	7,145.19	
U.C.I.			1,402.88	
Cell Biology			594.38	
Microbiology			79.91	
Radiology			70.34	
Office of Graduate Studies			1.92	
Medical Computing Resources Center		4.22		
Library			188.92	
Allied Health Administration			709.85	
Official Publications			3,880.92	
Physical Therapy			120.00	
	<u>\$</u>	<u>\$ 251.77</u>	<u>\$ 29,848.69</u>	<u>\$</u>

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS

AMENDMENTS TO THE 1973-74 OPERATING BUDGET

BOARD OF REGENTS MEETING - FEBRUARY 1, 1974

DALLAS HEALTH SCIENCE CENTEROffice of Student Affairs

1. Transfer funds in the amount of \$6,210.46 from Unallocated Classified Salaries to Office of Student Affairs Classified Salaries to provide additional funds for classified personnel. (RBC No. 108)

Instructional Communications

2. Transfer funds in the amount of \$1,666.68 from North Texas Regional Computer Center, Administrative and Professional Salaries, to North Texas Regional Computer Center, Wages, and change the status and decrease the annual salary rate of Fred L. Christen (non-tenure), effective November 1, 1973, as follows:

From: Associate Professor and Director of Instructional Communications and Acting Director of North Texas Regional Computer Center at an annual salary rate of \$29,000 payable \$27,000 from Instructional Communications budget and \$2,000 from North Texas Regional Computer Center budget

To: Associate Professor and Director of Instructional Communications at an annual salary rate of \$27,000 payable from Instructional Communications budget. (RBC No. 137)

Physical Plant - Administration

3. Transfer funds in the amount of \$14,100 from Physical Plant, Administration, Administrative and Professional Salaries, to Physical Plant, Administration, Classified Salaries, to provide additional funds for classified personnel. (RBC No. 122)

Family Practice Training Program

4. Appoint Jack Oliver (non-tenure), Assistant Director, Family Practice, and Assistant Professor of Family Medicine, effective September 1, 1973, at an annual salary rate of \$30,000 payable from Family Practice Training Program budget. (RBC No. 106)

5. Appoint Bruce J. Van Dyne (non-tenure), Assistant Professor of Neurology in Family Practice, 45%, effective September 1, 1973, at an annual salary rate of \$28,000 payable from Family Practice Training Program budget. (RBC No. 107)

North Texas Regional Computer Center

6. Transfer funds in the amount of \$4,791.67 from North Texas Regional Computer Center, Computer Rental, to North Texas Regional Computer Center, Administrative and Professional Salaries, and appoint William J. Pervin, Director, North Texas Regional Computer Center, effective October 1, 1973, at an annual salary rate of \$32,500 payable from North Texas Regional Computer Center budget. (RBC No. 136)

Medical Art Service Center

7. Amend the budget of the Medical Art Service Center to increase income and expenditures from \$4,000 to \$14,000 to bring income and expense budget to a more realistic figure due to increased demand for services. (RBC No. 116)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - continued

DALLAS MEDICAL SCHOOLOffice of the Dean

1. Change the status of George A. Edwards (non-tenure), effective September 1, 1973, as follows:

From: Professor of Internal Medicine

To: Assistant Dean for Veterans Hospital Affairs and Professor of Internal Medicine, with no change in salary.

Dr. Edwards is budgeted at an annual salary rate of \$40,700 payable \$4,700 from USPHS 5 EO3 PE-00174 and \$36,000 paid direct by Dallas VA Hospital. (RBC No. 111)

2. Transfer funds in the amount of \$7,328 from Unallocated Classified Salaries to Office of the Dean Classified Salaries to provide additional funds for classified personnel. (RBC No. 101)

Anesthesiology

3. Change the status and source of salary of E. Warner Ahlgren, effective September 1, 1973, as follows:

From: Associate Professor of Anesthesiology and Director of Anesthesiology, Children's Medical Center, 100% (tenure), at an annual salary rate of \$25,000 payable \$10,000 from Anesthesiology budget and \$15,000 from Children's Medical Center

To: Clinical Associate Professor of Anesthesiology and Director of Respiratory Therapy, Children's Medical Center, 48% (non-tenure), at an annual salary rate of \$25,000 payable from Children's Medical Center. (RBC No. 119)

4. Appoint Carlos F. Botty (non-tenure), Assistant Professor, effective November 1, 1973, at an annual salary rate of \$25,000 payable from Veterans Administration Hospital. (RBC No. 141)

5. Appoint Jerome Cotter (non-tenure), Visiting Assistant Professor, effective October 1, 1973, at an annual salary rate of \$20,000 payable \$17,168 from Departmental Trust Fund and \$2,832 from Children's Medical Center. (RBC No. 117)

Biochemistry

6. Transfer funds in the amount of \$2,250 from Unallocated Faculty Salaries to Biochemistry Teaching Salaries and change the status and increase the annual salary rate of Joseph LoSpalluto (tenure), effective November 1, 1973, as follows:

From: Professor of Biochemistry at an annual salary rate of \$24,300 payable \$20,300 from Biochemistry budget and \$4,000 from Dallas G.S.B.S., Graduate Program in Biochemistry budget

To: Professor and Vice-Chairman of Biochemistry at an annual salary rate of \$27,000 payable \$23,000 from Biochemistry budget and \$4,000 from Dallas G.S.B.S., Graduate Program in Biochemistry budget. (RBC No. 140)

Biophysics

7. Transfer funds in the amount of \$6,900 from Unallocated Classified Salaries to Biophysics Classified Salaries to provide additional funds for classified personnel. (RBC No. 102)

Cell Biology

8. Transfer funds in the amount of \$2,289 from Unallocated Classified Salaries to Cell Biology Classified Salaries to provide additional funds for classified personnel. (RBC No. 109)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - continued

DALLAS MEDICAL SCHOOL - continuedInternal Medicine

9. Change the status of John S. Chapman (tenure), effective September 1, 1973, as follows:

From: Assistant Dean for Sponsored Programs and Professor of Internal Medicine at an annual salary rate of \$30,400 payable from USPHS 5 EO3 PE-00174

To: Professor of Internal Medicine at an annual salary rate of \$30,400 payable \$18,400 from USPHS 5 EO3 PE-00174 and \$12,000 from the City of Dallas, for the period September 1, 1973 thru June 30, 1974.

Dr. Chapman will revert to original budgeted source effective July 1, 1974. (RBC No. 112)

10. Transfer funds in the amount of \$500 from Unallocated Faculty Salaries to Internal Medicine Teaching Salaries and change the source of salary of James H. Herndon, Jr. (non-tenure), J. B. Shelmire Assistant Professor and Chairman of Division of Dermatology, effective September 1, 1973, as follows:

From: An annual salary rate of \$29,100 payable \$4,100 from Internal Medicine budget and \$25,000 from USPHS 5 KO4 AM-46210

To: An annual salary rate of \$29,100 payable \$4,600 from Internal Medicine budget and \$24,500 from USPHS 5 KO4 AM-46210. (RBC No. 124)

11. Change the status of Randall K. Holmes (non-tenure), effective November 1, 1973, as follows:

From: Assistant Professor of Internal Medicine

To: Assistant Professor of Internal Medicine and Microbiology, with no change in salary.

Dr. Holmes is budgeted at an annual salary rate of \$25,000 payable \$15,000 from Internal Medicine budget, \$6,000 from USPHS 5 EO3 PE-00174, \$3,000 from USPHS 5 T01 AI-00030, and \$1,000 from Various Donors. (RBC No. 120)

Microbiology

12. Delete the persons listed below from the budget effective September 1, 1973:

Michael Glazer (non-tenure), Assistant Professor. Dr. Glazer is budgeted at an annual salary rate of \$18,000 payable from Microbiology budget.

Michael Kuehl (non-tenure), Assistant Professor. Dr. Kuehl is budgeted at an annual salary rate of \$20,000 payable from Microbiology budget.

Ellen Vitetta (non-tenure), Assistant Professor. Dr. Vitetta is budgeted at an annual salary rate of \$22,000 payable from Microbiology budget.

(RBC No. 118)

13. Transfer funds in the amount of \$14,500 from Unallocated Faculty Salaries to Microbiology Teaching Salaries and reappoint James M. Forman (non-tenure), Teaching Associate, effective September 1, 1973, at an annual salary rate of \$14,500 payable from Microbiology budget. (RBC No. 99)

14. Transfer funds in the amount of \$1,375 from Unallocated Faculty Salaries to Microbiology Teaching Salaries and change the source of salary of John Kettman (non-tenure), Assistant Professor, effective October 1, 1973, as follows:

From: An annual salary rate of \$20,000 payable \$13,500 from Microbiology budget and \$6,500 from Dallas G.S.B.S., Graduate Program in Microbiology budget

To: An annual salary rate of \$20,000 payable \$15,000 from Microbiology budget and \$5,000 from USPHS 1 R01 AI-11630. (RBC No. 139)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - continued

DALLAS MEDICAL SCHOOL - continuedObstetrics and Gynecology

15. Transfer funds in the amount of \$3,333.34 from Unallocated Faculty Salaries to Obstetrics and Gynecology Teaching Salaries and change the source of salary of Leon Milewich (non-tenure), Assistant Professor of Biochemistry in Obstetrics and Gynecology, effective November 1, 1973, as follows:

From: An annual salary rate of \$18,500 payable \$14,500 from Obstetrics and Gynecology budget and \$4,000 from USPHS 72-2756

To: An annual salary rate of \$18,500 payable from Obstetrics and Gynecology budget. (RBC No. 138)

16. Delete Eugene Van Herrin (non-tenure), Assistant Professor, from the budget effective September 1, 1973. Dr. Herrin is budgeted at an annual salary rate of \$21,000 payable \$18,000 from Obstetrics and Gynecology budget and \$3,000 from USPHS 06-H-000-074. (RBC No. 114)

Pathology

17. Delete Peter Ward (tenure), Professor, from the budget effective September 1, 1973. Dr. Ward is budgeted at an annual salary rate of \$25,000 payable from USPHS 5 E03 PE-00174. (RBC No. 100)

18. Transfer funds in the amount of \$6,000.50 from Unallocated Faculty Salaries to Pathology Teaching Salaries and change the source of salary of A. B. C. Dowdey (tenure), Associate Professor, effective October 1, 1973, as follows:

From: An annual salary rate of \$25,200 payable \$16,100 from Pathology budget and \$9,100 from Parkland Memorial Hospital

To: An annual salary rate of \$25,200 payable \$22,646 from Pathology budget and \$2,554 from Parkland Memorial Hospital. (RBC No. 128)

19. Transfer funds in the amount of \$4,001.25 from Unallocated Faculty Salaries to Pathology Teaching Salaries and change the source of salary of Robert S. Putnam (tenure), Associate Professor of Pathology and Assistant Professor of Medical Technology, effective October 1, 1973, as follows:

From: An annual salary rate of \$27,000 payable \$16,000 from Pathology budget, \$5,750 from Parkland Memorial Hospital and \$5,250 from Dallas Allied Health Sciences School, Medical Technology budget

To: An annual salary rate of \$27,000 payable \$20,365 from Pathology budget, \$1,385 from Parkland Memorial Hospital, and \$5,250 from Dallas Allied Health Sciences School, Medical Technology budget. (RBC No. 129)

20. Transfer funds in the amount of \$9,999.92 from Unallocated Faculty Salaries to Pathology Teaching Salaries and change the source of salary of F. Donald McGovern (non-tenure), Assistant Professor, effective October 1, 1973, as follows:

From: An annual salary rate of \$24,000 payable \$10,000 from Pathology budget and \$14,000 from Parkland Memorial Hospital

To: An annual salary rate of \$24,000 payable \$20,909 from Pathology budget and \$3,091 from Parkland Memorial Hospital. (RBC No. 127)

21. Transfer funds in the amount of \$20,000 from Unallocated Maintenance and Operation to Pathology Equipment to provide additional funds necessary for the purchase of an electron microscope. (RBC No. 110)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - continued

DALLAS MEDICAL SCHOOL - continuedPediatrics

22. Change the source of salary of Kenneth C. Haltalin (tenure), Associate Professor, for the period October 1, 1973 thru November 8, 1973, as follows:

From: An annual salary rate of \$26,000 payable \$24,500 from Pediatrics budget and \$1,500 from William Buchanan Professorship

To: An annual salary rate of \$26,000 payable from American Medical Association.

Dr. Haltalin will revert to original budgeted source effective November 9, 1973. (RBC No. 125)

23. Change the source of salary of Peggy Sartain (non-tenure), Assistant Professor, for the period October 1, 1973 thru November 10, 1973, as follows:

From: An annual salary rate of \$21,100 payable from Pediatrics budget

To: An annual salary rate of \$21,100 payable from American Medical Association.

Dr. Sartain will revert to original budgeted source effective November 11, 1973. (RBC No. 126)

24. Amend the budget to correct the status of Pearl Boggs (non-tenure), effective September 1, 1973, as follows:

From: Instructor in Pediatrics and Psychology

To: Instructor in Pediatrics, with no change in salary.

Dr. Boggs is budgeted at an annual salary rate of \$15,700 payable from Eugene McDermott Foundation. (RBC No. 135)

25. Amend the budget to correct the status of Dieter Gaupp (non-tenure), effective September 1, 1973, as follows

From: Instructor in Pediatrics and Psychology

To: Instructor in Pediatrics, with no change in salary.

Dr. Gaupp is budgeted at an annual salary rate of \$14,700 payable from USPHS 12 HS 328. (RBC No. 134)

Physiology

26. Transfer funds in the amount of \$1,100 from Unallocated Faculty Salaries to Internal Medicine Teaching Salaries and change the source of salary of Kern Wildenthal (tenure), Associate Professor of Physiology and Internal Medicine, effective September 1, 1973, as follows:

From: An annual salary rate of \$32,000 payable \$5,900 from Physiology budget, \$25,000 from USPHS 1 KO4 HE-70125 and \$1,100 from USPHS 5 EO3 PE-00174

To: An annual salary rate of \$32,000 payable \$5,900 from Physiology budget, \$25,000 from USPHS 1 KO4 HE-70125 and \$1,100 from Internal Medicine budget. (RBC No. 123)

Psychiatry

27. Delete John E. Meeks (non-tenure), Clinical Associate Professor, 14%, from the budget effective September 1, 1973. Dr. Meeks is budgeted at an annual salary rate of \$29,900 payable from Terrell State Hospital Interagency Contract. (RBC No. 113)

28. Decrease the annual salary rate of Judith H. Forgotson (non-tenure), Assistant Professor, effective December 1, 1973, as follows:

From: An annual salary rate of \$25,900 payable \$11,400 from Psychiatry budget, \$4,700 from USPHS 5 TO1 MH-06528, \$8,300 from USPHS 5 TO1 MH-10856 and \$1,500 from Departmental Trust Fund

To: An annual salary rate of \$24,400 payable \$11,400 from Psychiatry budget, \$2,500 from USPHS 5 TO1 MH-06528 and \$10,500 from USPHS 5 TO1 MH-10856. (RBC No. 29 - Revised)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - continued

DALLAS MEDICAL SCHOOL - continuedRadiology

29. Transfer funds in the amount of \$7,425 from Unallocated Faculty Salaries to Radiology Teaching Salaries and appoint Dale Eugene Fuller (non-tenure), Clinical Associate Professor, 40%, effective October 1, 1973, at an annual salary rate of \$32,750 payable \$20,250 from Radiology budget and \$12,500 from Parkland Memorial Hospital. (RBC No. 130)

30. Transfer funds in the amount of \$7,425 from Unallocated Faculty Salaries to Radiology Teaching Salaries and appoint Roberto Restrepo (non-tenure), Clinical Assistant Professor, 45%, at an annual salary rate of \$29,100 payable \$17,993 from Radiology budget and \$11,107 from Parkland Memorial Hospital. (RBC No. 131)

Surgery

31. Amend the budget to correct the title of Henry M. Carder (non-tenure), effective September 1, 1973, as follows:

From: Associate Professor of Otolaryngology

To: Associate Professor and Chairman of Division of Otolaryngology, with no change in salary.

Dr. Carder is budgeted at an annual salary rate of \$27,500 payable \$4,500 from Surgery budget, \$11,000 from USPHS 5 TO1 NS-05600 and \$12,000 from USPHS 5 EO3 PE-00174. (RBC No. 104)

32. Amend the budget to correct the title of Jack P. Gunter (tenure), effective September 1, 1973, as follows:

From: Associate Professor and Chairman of Division of Otolaryngology

To: Associate Professor of Otolaryngology, with no change in salary.

Dr. Gunter is budgeted at an annual salary rate of \$28,300 payable \$2,300 from Surgery budget and \$26,000 from USPHS 5 EO3 PE-00174. (RBC No. 103)

33. Appoint David Hezekian Anderson (non-tenure), Assistant Professor of Surgery and Biometrics, effective September 1, 1973, at an annual salary rate of \$18,737 payable as follows:

For the period September 1, 1973 thru September 30, 1973: \$9,369 from Faculty Gifts to Surgery and \$9,368 paid direct by SMU.

For the period October 1, 1973 thru August 31, 1974: \$9,369 from USPHS 5 EO3 PE-00174 and \$9,368 paid direct by SMU. (RBC No. 91)

34. Appoint Edward P. Melmed (non-tenure), Assistant Professor of Plastic Surgery, effective September 24, 1973, at an annual salary rate of \$22,500 payable \$12,500 from Various Donors for Plastic Surgery and \$10,000 from USPHS 5 EO3 PE-00174. (RBC No. 105)

Medical Art and Visual Education

35. Transfer funds in the amount of \$700 from Unallocated Faculty Salaries to Medical Art and Visual Education Teaching Salaries and increase the annual salary rate of Joan Godlove (non-tenure), Instructor, effective November 1, 1973, as follows:

From: An annual salary rate of \$13,660 payable from Medical Art and Visual Education budget

To: An annual salary rate of \$14,500 payable from Medical Art and Visual Education budget. (RBC No. 121)

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON

December 3, 1973

Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the February 1, 1974, meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,

T. G. Blocker, Jr.
for T. G. Blocker, Jr., M.D.
President

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTONINSTITUTIONAL DOCKETBOARD OF REGENTS' MEETING FEBRUARY 1, 1974

APPOINTMENTS, RESIGNATIONS, AND/OR CHANGES OF STAFF STATUS OF MEMBERSHIPS ON THE MEDICAL STAFF OF THE UNIVERSITY OF TEXAS MEDICAL BRANCH HOSPITALS AT GALVESTON: On the recommendation of the Executive Committee of the Medical Staff, approval of the following recommendations is respectfully requested:

1. Appoint Allan Hirsch Fradkin, M.D., Clinical Instructor, Department of Ophthalmology, to Part Time Courtesy Membership on the Medical Staff with private patient privileges.
2. Change the staff status of Ceri M. Griffiths, M.D., Assistant Professor, Department of Otolaryngology, from Full Time Assistant Attending Membership on the Medical Staff to Full Time Attending Membership on the Medical Staff with private patient privileges.
3. Resign Roger W. Kiser, M.D., Instructor, Department of Internal Medicine, from Full Time Attending Membership on the Medical Staff, effective June 30, 1973.
4. Remove the name of Antal Szakacs, M.D., Assistant Professor, Department of Pathology, from Full Time Attending Membership on the Medical Staff, effective August 20, 1973, the date of his death.
5. Change the staff status of L. C. Stout, M.D., Associate Professor, Department of Pathology, from Full Time Associate Membership on the Medical Staff to Full Time Attending Membership on the Medical Staff with private patient privileges.
6. Appoint Sydney Schochet, M.D., Associate Professor, Department of Pathology, to Full Time Associate Membership on the Medical Staff without private patient privileges.
7. Appoint William F. McCormick, M.D., Professor, Department of Pathology, to Full Time Attending Membership on the Medical Staff with private patient privileges.
8. Appoint Gordon Boyd Newell, M.D., Instructor, Department of Dermatology, to Full Time Assistant Attending Membership on the Medical Staff with private patient privileges.
9. Appoint Jacqueline Patricia Bottome, M.D., Assistant Professor, Department of Anesthesiology, to Full Time Attending Membership on the Medical Staff with private patient privileges.
10. Appoint John J. Delaney, M.D., Assistant Professor, Department of Family Medicine, to Full Time Attending Membership on the Medical Staff with private patient privileges.
11. Appoint David E. Eiland, M.D., Assistant Professor, Department of Family Medicine, to Full Time Attending Membership on the Medical Staff with private patient privileges.
12. Appoint Marcel Patterson, M.D., Professor, Department of Family Medicine, to Full Time Attending Membership on the Medical Staff with private patient privileges.

13. Change the staff status of Lillian Tanaka Abbott, M.D., Clinical Instructor, Department of Obstetrics and Gynecology, from Full Time Assistant Attending Membership with private patient restrictions to Part Time Assistant Attending Membership on the Medical Staff with private patient privileges.
14. Change the staff status of Robert Lehman, M.D., Clinical Instructor, Department of Obstetrics and Gynecology, from Full Time Assistant Attending Membership with private patient restrictions to Part Time Assistant Attending Membership on the Medical Staff with private patient privileges.
15. Resign Arnold D. Wharton, M.D., Instructor, Department of Obstetrics and Gynecology, from Full Time Assistant Attending Membership on the Medical Staff.
16. Resign Marjorie L. Forman, M.D., Assistant Professor, Department of Pediatrics, from Part Time Associate Membership on the Medical Staff.
17. Resign Philip M. Forman, M.D., Assistant Professor, Department of Pediatrics, from Full Time Attending Membership on the Medical Staff.
18. Resign Kenneth E. Matthews, M.D., Instructor, Department of Pediatrics, from Full Time Attending Membership on the Medical Staff.
19. Resign Spencer G. Thompson, M.D., Assistant Professor, Department of Pediatrics, from Full Time Attending Membership on the Medical Staff.
20. Resign Edward R. McFadden, Jr., M.D., Assistant Professor, Department of Medicine, from Full Time Attending Membership on the Medical Staff, effective August 31, 1973.
21. Resign Orville J. Stone, M.D., Professor, Department of Dermatology, from Full Time, Attending Membership on the Medical Staff.

NOMINATIONS FOR MEMBERSHIP IN THE GRADUATE FACULTY AT THE UNIVERSITY OF TEXAS GRADUATE SCHOOL OF BIOMEDICAL SCIENCES AT GALVESTON: Approval is requested for the following named faculty members, who have been certified by the appropriate Committee on Graduate Studies, approved by the Executive Committee of the Graduate Faculty, the President, and the Chancellor, for membership in the Graduate Faculty at The University of Texas Graduate School of Biomedical Sciences at Galveston:

1. Bernard Haber, Ph.D., Associate Professor, Department of Human Biological Chemistry and Genetics.
2. James S. Kittredge, Ph.D., Professor, Division of Biochemistry, Department of Human Biological Chemistry and Genetics.
3. Cyril L. Moore, Ph.D., Professor, Division of Biochemistry, Department of Human Biological Chemistry and Genetics.
4. Arthur M. Brown, M.D., Ph.D., Professor and Chairman, Department of Physiology.

Handwritten initials and a checkmark.

GIFTS: In compliance with Section 1, Subsection 1.3 of Chapter I of Part Two of the Rules and Regulations of the Board of Regents for the Government of The University of Texas System, I recommend approval for the acceptance of the following gifts:

<u>Donor and Address</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
1. Amon G. Carter Foundation P. O. Box 1036 Fort Worth, Texas 76101	For the restoration of Old Red (Ashbel Smith Building). Funds deposited in the existing Current Restricted Account entitled Save Old Red Fund; expenditures to be authorized by Dr. T. G. Blocker, Jr., President. (This is reported as an extension of a previous gift previously docketed - Board of Regents' Minutes of September 23-24, 1960, Item #2, Page G-18)	\$12,500.00 (First payment on gift of \$25,000)
2. *Dr. J. L. Jenkins 200 University Boulevard Galveston, Texas	For the establishment of an account entitled the Kittie Fae and J. L. Jenkins Lectureship in Fertility and Sterility. The sum of \$10,000.00 will be forwarded to the Office of Investments, Trusts and Lands for investment with the income derived from the investment to be returned to the Galveston Medical Branch for support of the Lectureship, and \$2,000.00 will be retained at the Galveston Medical Branch for the purpose of preparing a brochure.	\$12,000.00
3. Kennecott Exploration, Inc. 10306 Roselle Street San Diego, Calif. 92121	For support of research in deep-ocean geophysics and manganese nodule research. The project is directed by Dr. Maurice W. Ewing, Chief, Earth and Planetary Sciences Division, The Marine Biomedical Institute.	\$ 8,000.00
4. The Sealy & Smith Foundation For The John Sealy Hospital 200 University Boulevard Galveston, Texas 77550	Represents a contribution for the Fiscal Year 1972-73 (\$5,000.00) and for the Fiscal Year 1973-74 (\$5,000) for support of the advancement of the development programs. These funds are to administered by Dr. T. G. Blocker, Jr., President. (This is reported as an extension of a previous gift, previously docketed - Board of Regents' Minutes of October 20, 1972, Item #1, Page G-5)	\$10,000.00

*No letter of transmittal received from the donor.

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON
 THE UNIVERSITY OF TEXAS SCHOOL OF ALLIED HEALTH SCIENCES AT GALVESTON

Changes to be included in the 1973-1975 School of Allied Health Sciences Catalogue.

Amend Courses Of Instruction section as follows:

- (1) Change "Basic and Clinical Allied Health Sciences Core Curriculum" title as follows:

"Basic and Clinical Allied Health Sciences: The Core Curriculum"

- (2) Amend narrative statement following "Basic and Clinical Allied Health Sciences Core Curriculum" title as follows:

"The courses described in this section are offered in two [~~three~~] or more of the professional curricula and are core courses in the basic and clinical sciences related to allied health sciences. Students will register for those courses which are appropriate to his professional course of study in the sequence indicated in the departmental section of this catalogue. These courses represent the necessary basic and clinical sciences as required jointly by the Council on Medical Education of the American Medical Association and the respective professional associations.

The faculties of the School of Medicine and the Graduate School of Biomedical Sciences of The University of Texas Medical Branch at Galveston cooperate with the faculty of The School of Allied Health Sciences in teaching these courses.

~~[The faculty of the School of Medicine of The University of Texas Medical Branch at Galveston is primarily responsible for teaching these courses. They represent the necessary basic and clinical sciences as required jointly by the Council on Medical Education of the American Medical Association and the respective professional associations.]~~

Special permission to enroll in the basic and clinical allied health sciences core curriculum may be granted through written petition to the Dean."

Amend Basic and Clinical Allied Health Sciences Core Curriculum Description Of Courses section as follows:

- (3) Delete course numbers 3501 and 4501 as follows:

"~~[3501 or 4501 HUMAN ANATOMY 5 credits
 A study of the structure of the human body with medical implications, utilizing cadaver dissection. Seminars on basic correlative clinical concepts. (2 lec., 9 lab. per week). \$5 laboratory fee.
 3501--Open to Health Care Sciences and Occupational Therapy majors only or consent of the Dean.
 4501--Open to Physical Therapy majors only or consent of the Dean.]~~"

- (4) Delete course numbers 3302 and 4302 as follows:

~~"[3302-or-4302- HUMAN-PHYSIOLOGY-I 3-credits-
A-study-of-the-function-of-the-human-body-systems-and
their-mechanisms, with-medical-implications; utilizing-lectures,
laboratories-and-correlative-case-presentations.---(2-lec.,-3-lab-
per-week).---\$3-laboratory-fee.
3302--Open-to-Health-Care-Sciences-and-Occupational
Therapy-majors-only-or-consent-of-the-Dean.
4302--Open-to-Physical-Therapy-majors-only-or-consent
of-the-Dean.]"~~

- (5) Delete course number 3203 and 4203 as follows:

~~"[3203-or-4203 HUMAN-PHYSIOLOGY-II 2-credits
Continuation-of-3302-4302.---(1-lec.,-3-lab.-per-week).
\$2-laboratory-fee.
3203--Open-to-Health-Care-Sciences-and-Occupational
Therapy-majors-only-or-consent-of-the-Dean.
4203--Open-to-Physical-Therapy-majors-only-or-consent
of-the-Dean.]"~~

- (6) Add course numbers 3601 and 4601 as follows:

"3601 or 4601 HUMAN ANATOMY AND PHYSIOLOGY I 6 credits
A study of the structure and function of the human body
systems and their mechanisms, with medical implications; utilizing
lectures, laboratories, cadaver preparations and seminars on basic
correlative clinical concepts. (11 lec., 3 lab. per week). \$6.00
laboratory fee."

- (7) Add course numbers 3202 and 4202 as follows:

"3202 or 4202 HUMAN ANATOMY AND PHYSIOLOGY II 2 credits
Continuation of 3601 or 4601. An advanced course which
emphasizes the peripheral, autonomic, and central nervous systems.
(2 lec. per week)."

- (8) Add course numbers 3103 and 4103 as follows:

"3103 or 4103 HUMAN ANATOMY LABORATORY 1 credit
Advanced studies of the musculoskeletal system utilizing
cadaver dissection. (3 lab. hours per week). \$1.00 lab. fee."

- (9) Delete course number 3305 as follows:

~~"[3305 HUMAN-DEVELOPMENT-CONCEPTS-AND-PROCESSES-I 3-credits
Investigations-are-made-into-the-scientific-bodies-of
knowledge-of-physical-and-social-forces-and-self-processes-which
shape-the-individual-and-help-him-shape-himself.---Emphasis-is
placed-upon-span-of-life-from-conception-through-adolescence;
group-processes-and-implications-for-allied-health-sciences-are
stressed.---(3-lec.-per-week).]"~~

- (10) Delete course number 3306 as follows:

~~"[3306 HUMAN-DEVELOPMENT-CONCEPTS-AND-PROCESSES-II 3-credits
Investigations-made-into-the-bodies-of-knowledge-of-those
life-processes-which-are-operant-from-young-adulthood-through
termination-of-life.---Emphasis-is-placed-upon-learning-theories,
work-leisure-diad, theories-of-aging, and-advanced-techniques-of
group-process.---Implications-are-drawn-for-allied-health-scientists.
(3-lec.-per-week).]"~~

(11) Add course number 3305 as follows:

"3305 HUMAN DEVELOPMENT CONCEPTS AND PROCESSES 3 credits
Study of the scientific bodies of knowledge of physical
and social forces and self processes which shape the individual and
help him shape himself from conception through termination of life.
Emphasis is placed upon group processes, learning theories, work-
leisure diad. Implications are drawn for allied health care
practice."

(12) Delete course number 3105 as follows:

~~"[3105 HUMAN-DEVELOPMENT-LABORATORY-I 1-credit~~
~~Direct-observation-of-children-and-youth-is-accomplished;~~
~~skills-in-developing-the-anecdotal-record-and-extracting-develop-~~
~~mental-data-are-stressed.--(3-lab.-per-week).--Must-be-taken~~
~~concurrently-with-3305-]"~~

(13) Delete course number 3106 as follows:

~~"[3106 HUMAN-DEVELOPMENT-LABORATORY-II 1-credit~~
~~Direct-observation-of-adults-with-emphasis-upon-health~~
~~care-is-accomplished;-advanced-techniques-of-observation-and~~
~~analytical-synthetical-methods-related-to-the-allied-health~~
~~sciences-are-stressed.--(3-lab.-per-week).--Must-be-taken~~
~~concurrently-with-3306-]"~~

(14) Add course number 4306 as follows:

"4306 SEMINAR IN HUMAN DEVELOPMENT 3 credits
Investigations into the life processes which are operant
from conception through death. Implications are drawn for allied
health scientists."

(15) Change course number 3308 as follows:

"4[3]307[8] MEDICAL TERMINOLOGY 3 credits
A study of terminology of disease processes, pharmacology,
abbreviations as well as general clinical terminology. Emphasis
on the clinical terms commonly used in the diagnosis and treatment
of a patient. (3 lec. per week)."

(16) Delete course number 4308 as follows:

~~"[4308 MEDICAL-TERMINOLOGY 3-credits~~
~~A-study-of-basic-medical-prefixes-and-suffixes,-terminology~~
~~of-disease,-operations,-symptomatology,-drug-terms,-anesthesia~~
~~terms,-abbreviations,-general-hospital-terminology-and-the-terms~~
~~of-community-health.--(3-lec.-per-week).]"~~

(17) Delete course number 4309 as follows:

~~"[4309 ORGANIZATION-AND-ADMINISTRATION-I 3-credits~~
~~Orientation-to-medical-care-institutions-and-other-health~~
~~care-facilities,-analysis-of-the-hospital-and-medical-staff-organi-~~
~~zation,-and-the-principles-of-organization,-administration,-super-~~
~~vision-and-the-application-of-these-principles-to-the-Medical~~
~~Record-Department.--The-duties-and-relationships-of-the-hospital~~
~~administrator-and-the-social-forces-affecting-hospitals-and-current~~
~~trends-in-hospital-and-medical-care-are-investigated.--(3-lec.-per~~
~~week).--Open-to-Medical-Record-Administration-majors-only-or~~
~~consent-of-the-Dean-]"~~

(18) Delete course number 4310 as follows:

"~~4310 ORGANIZATION AND ADMINISTRATION-II 3-credits
A study of principles of management, procedures and
methods in the Medical Record Department; office equipment;
supplies and layout; development of control and production standards;
administration of data processing systems; functions and techniques
of personnel supervision. Continuation of 4309. (3-lec. per week).
Open to Medical Record Administration majors only or consent of
the Dean.]"~~

(19) Amend course numbers 3311 and 4311 as follows:

"~~330[1]8[1] or 430[1]8[1] CLINICAL MEDICINE I 3 credits
A study of the physiological, anatomical, or psychological
changes brought about by disease, injury, or abnormal development,
with an emphasis upon current concepts of care and management.
(3[2] lec., [3-lab.] per week).
[3311--Open to Health Care Sciences majors only or
consent of the Dean.]"~~

(20) Delete course numbers 3312 and 4312 as follows:

"~~[3312 or 4312--CLINICAL MEDICINE-II 3-credits
Continuation of 4311. (2-lec., 3-lab. per week).
3312--Open to Health Care Sciences majors only or
consent of the Dean.]"~~

(21) Add course numbers 3X09 and 4X09 as follows:

"3X09 or 4X09 CLINICAL MEDICINE II
Continuation of 3308 or 4308. Emphasis is placed upon
care and management of physiological, anatomical, or psychological
changes brought about by disease, injury or abnormal development.
Lecture-lab. hours and credit will vary according to student's
major."

(22) Delete course number 3314 as follows:

"~~[3314 CLINICAL MEDICINE-III 3-credits
Continuation of 3312. Open to Health Care Sciences
majors only or consent of the Dean. (2-lec., 3-lab. per week).]"~~

(23) Amend course numbers 3313 and 4313 as follows:

"~~3310[3] or 4310[3] CLINICAL PSYCHIATRY 3 credits
Psychodynamics of normal and abnormal behavior; the study
of psychoneurotic and psychotic conditions and their psychiatric
management; personality reactions to physical illness; effects of
stress and conflict. (3 lec. per week).
[3313--Open to Health Care Sciences majors only or
consent of the Dean.]"~~

(24) Add course number 4294 as follows:

"4294 INTRODUCTION TO RESEARCH 2 credits
A study of research methods, including data collection
and statistical techniques, application of techniques in health
research. Examples are taken from allied health professional
publications. (2 lec. per week)."

(25) Add course number 4X95 as follows:

"4X95 SEMINAR IN ALLIED HEALTH SCIENCES
Topics, behavioral objectives, learning experiences and
evaluation procedures related to the major are determined by the
students and the instructor. Credit will vary. Course may be
repeated for credit when topics vary."

(26) Change course number 4 18 as follows:

"4X9[1]6[8] INDEPENDENT-INVESTIGATIVE STUDY
Individual investigations in determined topics directly
related to the student's major. Supervised by departmental
advisor. Credit may vary."

(27) Change course number 4 20 as follows:

"4X9[2]7[0] TOPICS IN ALLIED HEALTH SCIENCES
Supervised intensive tutorial study of special topics
and problems, to culminate in an honors paper of some length.
May be taken for special honors, in addition to the major's
baccalaureate requirements. Credit may vary."

(28) Add course number 4X98 as follows:

"4X98 TOPICS IN THE HUMANITIES
Intensive interdisciplinary study of topics relating to
health care and the allied health sciences to history, philosophy,
religion, literature and other humanistic disciplines. Conducted
by members of the Institute for the Medical Humanities and
departmental faculty. Credit will vary."

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON
 THE UNIVERSITY OF TEXAS SCHOOL OF ALLIED HEALTH SCIENCES AT GALVESTON

Amend Courses of Instruction, Associated Health Occupations section as follows:

(29) Amend paragraph one (1) as follows:

"The School of Allied Health Sciences has developed and implemented, in cooperation with Galveston College a paraprofessional program leading toward associate degrees and certificates of proficiency. This two year program prepares men and women to enter the health care system as community health workers, electroencephalography technologists, hospital management assistants, respiratory [~~inhalation~~] therapists, occupational therapy assistants, orthotic assistants, physical therapist [~~therapy~~] assistants, and radiologic technologists."

(30) Amend paragraph three (3) as follows:

"The registered respiratory [~~inhalation~~] therapist works under the supervision of the physician with patients who are in need of corrective or assistive respiratory treatment. The certified occupational therapy assistant serves under the registered occupational therapist in planning and implementing a wide variety of activity programs for patients presenting psychosocial, physical disability, and developmental health problems."

(31) Amend paragraph four (4) as follows:

"The orthotic assistant works in the production and fitting of braces or assistive appliances under the direction of a certified orthotist. The physical therapist [~~therapy~~] assistant carries out techniques and procedures designed to alleviate or prevent physically disabling or handicapping conditions, under the direction of the qualified physical therapist. The radiologic technologist performs a variety of tasks related to diagnostic x-rays and therapeutic radiation and serves under the supervision of the radiologist."

(32) Amend paragraphs five (5) and thirteen (13), Accreditation, as follows:

"Upon successful completion of the educational and clinical program, graduates are eligible to apply for registration or certification and membership in their respective national professional associations. Those which permit registration through examination are: electroencephalography technology, respiratory [~~inhalation~~] therapy, and radiologic technology. Certification is available to occupational therapy assistants, physical therapist [~~therapy~~] assistants, and orthotic assistants. Community health workers and hospital management assistants do not have national registries at this time."

"Accreditation The study programs for electroencephalography technology, respiratory [~~inhalation~~] therapy, occupational therapy assistant, orthotics assistant, physical therapist assistant, and radiologic technologist meet and exceed the educational standards as established by the American Medical Association, Council on Medical Education, and/or the respective associations. The programs for hospital management assistant and community health worker do not at this time have national educational standards; however, these programs meet and exceed nationally recognized criteria."

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON
 THE UNIVERSITY OF TEXAS SCHOOL OF ALLIED HEALTH SCIENCES AT GALVESTON

Amend Courses of Instruction, Health Care Sciences section as follows:

(33) Change Chairman as follows:

"Robert C. Greaser, B.S., [Warren F. Dodge, B.S., M.D.] Chairman"

(34) Add Medical Director as follows:

"Warren F. Dodge, B.S., M.D., Medical Director"

Amend Statement of the Profession section as follows:

(35) Amend paragraph one (1) as follows:

"The latest addition to the contemporary health care team is the ~~[clinical-associate, also known as the]~~ physician^{1's} assistant. The emergence of this new professional is due to many factors: the rapid expansion of the population; the increasing demand on the part of individuals for adequate health and medical care; the emerging need for more health related personnel in rural and inner city geographic areas; the increased attention of governmental agencies upon preventive aspects of the nation's health problems; and the inability of medical schools to greatly augment student enrollment, thereby producing more physician personnel. The physician himself has determined the need for the physician assistant ~~[clinical associate]~~ as a supportive person: an individual to whom he may delegate distinct tasks and responsibilities, and thus better meet the demands placed upon him by his patients."

(36) Amend paragraph three (3) as follows:

"The Association of American Medical Colleges, in defining the roles for the ~~[clinical-associate, or]~~ physician^{1's} assistant, has indicated he should be able to perform a history and physical examination; to organize and present the results of the history and examination, along with related laboratory data; to perform certain diagnostic and therapeutic procedures; and to coordinate the roles of other technical assistants. In essence, the physician assistant ~~[clinical-associate]~~ differs from other allied health science personnel in that he is largely educated and trained by physicians, is selected by physicians who share their practice by delegating certain tasks and responsibilities and is directly and administratively responsible to the physician."

(37) Amend paragraph four (4) as follows:

"The School of Allied Health Sciences has developed a two year professional curriculum leading to the Bachelor of Science degree in Health Care Sciences and the Certificate of Proficiency. This program prepares young men and women to become physician assistants ~~[clinical-associates]~~ in one of several medical specialty areas, such as family practice, internal medicine, ~~[neurosurgery]~~ and pediatrics. Graduates are able to function at a high level of performance, typified by the Type A Assistant as defined by the Association of American Medical Colleges and the National Academy of Sciences. They can assist the physician in multiple and complex tasks directly related to health and medical care: interviewing, examining, compiling case record data, treatment, follow-up care, maintaining a continuity of communications and observations, and coordinating other physician-related personnel. Under special

circumstances with defined rules, they can perform tasks and carry out responsibilities without the immediate surveillance of a physician; nevertheless, they remain directly responsible to the physician who employs them."

Amend Pre-Professional Course of Study section as follows:

(38) Amend paragraph two (2) as follows:

	Semester Credits
"English Language	6
Literature	6
United States History	6
United States/State Government	6
Biological Sciences (Human Anatomy and Human Physiology not accepted)	8
Chemistry (inorganic; may include qualitative)	8
Behavioral Sciences (psychology)	6
Social Sciences (sociology)	6
Electives: should be in the areas of health related sciences, such as biology, psychology, sociology, associated health occupations or nursing	8
[*Physical Education]	[-]
[*Military Science]	[-]
	60

[*] Physical Education and Military Science are not counted as part of the 60 semester credit minimum."

Amend The Professional Curriculum section as follows:

(39) "Upon admission to the two year professional curriculum in the School of Allied Health Sciences, the student enters the established core curriculum, consisting of fourteen (14) [~~twenty-eight-(28)~~] semester credits in advanced basic sciences, the clinical sciences, and health-related subjects. These courses are designed to help the individual develop an in-depth understanding and appreciation of the foundations underlying health care practices today. Emphasis is placed upon an on-going dialogue with other allied health students and faculty so that basic perceptions about the contemporary health team can be realized. Running concurrently with the core curriculum in allied health sciences are a series of specially designed courses for physician assistant [~~clinical-associate~~] students. These courses provide the basic principles and fundamental techniques of physician assistant [~~clinical-associate~~] practice. Introductory clinical experiences, supervised by physicians, are provided which permit application of basic knowledge and skills.

The senior year is devoted to a major area of study, selected by the student, consisting of intensive didactic instruction and specialized clinical training under the direct supervision of qualified physicians. At the present time specialty training is provided in family practice, internal medicine, and pediatrics [~~neurosurgery~~]. [~~Other clinical specialties are in the planning phase and will be implemented within the foreseeable future.~~]

An in-depth emphasis is placed upon those skills the physician assistant [~~clinical-associate~~] employs in the area of specialization; such as, comprehensive and detailed history taking and physical examination; selection and ordering of pertinent laboratory studies, assisting the physician in therapeutic procedures; the provision of follow-up care; and supervision of other technical personnel.

The student specializing in family practice gains course work and clinical experience in such subject areas as labor and delivery examinations and procedures, pediatric screening tests, diagnosis and management of childhood diseases, preventive medicine, guidance and counseling of parents and children, out-patient procedures, emergency room methods and techniques, cardiopulmonary function tests, cardiac resuscitation, and electrocardiography.

Those students who elect to specialize in internal medicine receive course work and clinical experience in such areas as gastroenterologic diagnostic and clinical procedures, hemotologic problems, electrocardiography and medical instrumentation in coronary care units, and emergency room procedures. Follow-up care is emphasized through out-patient clinical experiences.

~~[Specialization in neurosurgery provides the student with didactic and clinical experiences in history taking and in-depth neurological examinations, assisting in carotid arteriography, pneumoencephalography, special nursing care of the critically ill patient, and follow-up post-surgical examinations. Post-hospital reviews are undertaken through out-patient experiences.]~~

~~A typical rotational clinical internship might be:~~

Adult male and female medicine ward	12 weeks
Pediatric medicine ward	4 weeks
Outpatient Services of Family Practice Clinic	16 weeks
Emergency Room	4 weeks
Special Electives	12 weeks]

Specialization in pediatrics provides the students with didactic and clinical experiences in history taking and in-depth examination of pediatric patients and includes training and experiences in psychological testing with children. Emphasis is on outpatient experiences and assisting the pediatrician in follow-up of hospitalized patients.

Upon completion of academic and clinical training requirements, the student is awarded the degree Bachelor of Science in Health Care Sciences. He also receives a Certificate of Proficiency indicating he is a Physician Assistant [Clinical Associate] in the specialized area in which he concentrated his studies during the senior year.

The Health Care Sciences curriculum is designed to meet or exceed the requirements outlined in the "Essentials of an Approved Educational Program for the Assistant to the Primary Care Physician" established by the Council on Medical Education of the American Medical Association. The program was approved by the American Medical Association in February 1973 and is a member of the Association of Physician Assistant Programs. Graduates of the program are eligible to apply for membership in the American Academy of Physician Assistants or other nationally recognized organizations representing the physician assistant.

~~[The Health Care Sciences curriculum meets and exceeds nationally recognized educational standards for such a course of study. Graduates are eligible to apply for membership with The American Registry of Physician's Associates, Inc., and The American Association of Physician Assistants.]"~~

Amend the Professional Course Of Study section as follows:

(40) "PROFESSIONAL COURSE OF STUDY

The professional curriculum which is six trimesters in length includes the allied health sciences core curriculum, the basic and advanced courses in the major and the clinical practice required for certification within a specialty area.

JUNIOR YEAR		
SUMMER TRIMESTER -- SECOND TERM		Credits
<u>3601</u>	<u>Human Anatomy and Physiology I</u>	<u>6</u>
<u>3146</u>	<u>Introduction to the Physician Assistant Concept</u>	<u>1</u>
<u>3147</u>	<u>Patient Evaluation I</u>	<u>1</u>
		<u>8</u>
[3501]	*Human Anatomy	5
3302	*Human Physiology-I	3
		<u>8</u>

~~*Lecture and laboratory hours are doubled during this half trimester; therefore contact hours in the seven week period are 4 Lec. and 18 Lab. per week (Anatomy); and 4 Lec. and 6 Lab. per week (Physiology)."~~

(41) Amend the Fall Trimester section as follows:

"FALL TRIMESTER

<u>3202</u>	<u>Human Anatomy and Physiology II</u>	<u>2</u>
<u>330</u> [18]	<u>Clinical Medicine I</u>	<u>3</u>
<u>3305</u>	<u>Human Development Concepts and Processes [1]</u>	<u>3</u>
<u>3152</u>	<u>Epidemiology and Community Health</u>	<u>1</u>
<u>3248</u>	<u>Patient Evaluation II</u>	<u>2</u>
<u>3250</u>	<u>Problem Solving Techniques I</u>	<u>2</u>
<u>3353</u>	<u>Human Dynamics I</u>	<u>3</u>
<u>3256</u>	<u>Clinical Laboratory I</u>	<u>2</u>
[3203]	Human Physiology-II	[2]
[3308]	Medical Terminology	[3]
[3313]	Clinical Psychiatry	[3]
[3315]	Fundamental Concepts of Health Care Sciences-I	[3]
		<u>18</u> [17]"

(42) Amend Spring Trimester section as follows:

"SPRING TRIMESTER

<u>3609</u> [312]	<u>Clinical Medicine II</u>	<u>6</u> [3]
<u>3349</u>	<u>Patient Evaluation III</u>	<u>3</u>
<u>3254</u>	<u>Human Dynamics II</u>	<u>2</u>
<u>3251</u>	<u>Problem Solving Techniques II</u>	<u>2</u>
<u>3257</u>	<u>Clinical Laboratory II</u>	<u>2</u>
<u>3255</u>	<u>Pharmacology</u>	<u>2</u>
[3306]	Human Development Concepts and Processes-II	[3]
[3316]	Fundamental Concepts of Health Care Sciences-III	[3]
[3676]	Health Care Processes-I	[6]
[3228]	Practicum-I	[2]
		<u>17</u>

- (43) Amend Summer Trimester - First Term and Summer Trimester - Second Term as follows:

"SUMMER TRIMESTER

Introductory clerkships are required in three medical areas: surgery, obstetrics-gynecology and medicine. The student and his advisor plan two of these clerkships for the Summer Trimester. They consist of four weeks each. The remaining eight weeks of vacation may be taken at any time during the Summer Trimester. The final introductory clerkship occurs during the Fall Trimester of the senior year, along with the chosen medical specialty track.

<u>3458</u>	<u>Introductory Clerkship - Surgery</u>	<u>4 credits</u>
<u>3459</u>	<u>Introductory Clerkship - Obstetrics and Gynecology</u>	<u>4 credits</u>
<u>3460</u>	<u>Introductory Clerkship - Medicine</u>	<u>4 credits</u>

~~[SUMMER TRIMESTER---FIRST TERM~~

3314	Clinical-Medicine-III	3
3317	Fundamental-Concepts-of-Health-Care-Sciences-III	3
3229	Practicum-II	2
		<u>8</u>

~~SUMMER TRIMESTER---SECOND TERM (July-August)~~

~~Student is either on vacation or could be employed by U.T.M.B. on a full or part-time basis in a clinical area acceptable to adviser and student.]"~~

- (44) Amend Senior Year, Fall Trimester, Spring Trimester and Summer Trimester sections as follows:

"SENIOR YEAR

The student begins a medical specialty tract of his choosing: Family Practice, Internal Medicine or Pediatrics. Each one stresses the roles and responsibilities of the assistant to the primary care physician.

The senior year is three trimesters in length; each sixteen weeks, including established holidays and examination periods. No regular vacation is scheduled. Each trimester consists of no less than 12 credits nor no more than 18 credits of study.

Within each medical specialty track didactic and clinical experiences are selected which are appropriate. Behavioral objectives and learning experiences are carefully designed to give the student a correlated and progressive series of experiences which will assist him in achieving a high level of knowledge and competence upon graduation and certification.

<u>FAMILY PRACTICE TRACK</u>		<u>Credits</u>
<u>4661</u>	<u>General Medicine Clerkship 1 1/2 months</u>	<u>6</u>
<u>4662</u>	<u>General Pediatric Clerkship 1 1/2 months</u>	<u>6</u>
<u>4664</u>	<u>Intermediate Clerkship - Family Medicine 1 1/2 months</u>	<u>6</u>
<u>4667</u>	<u>Community Clinic Practicum 1 1/2 months</u>	<u>6</u>
<u>4886</u>	<u>Preceptorship I 2 months</u>	<u>8</u>
<u>4887</u>	<u>Preceptorship II 2 months</u>	<u>8</u>
<u>4488</u>	<u>Preceptorship III - Elective 1 month</u>	<u>4</u>

INTERNAL MEDICINE TRACK

<u>4661</u>	<u>General Medicine Clerkship 1 1/2 months</u>	<u>6</u>
<u>4463</u>	<u>Neurology Clerkship 1 month</u>	<u>4</u>
<u>4865</u>	<u>Intermediate Clerkship - Internal Medicine 2 months</u>	<u>8</u>
<u>4668</u>	<u>Internal Medicine Practicum 1 1/2 months</u>	<u>6</u>
<u>4886</u>	<u>Preceptorship I 2 months</u>	<u>8</u>
<u>4887</u>	<u>Preceptorship II 2 months</u>	<u>8</u>
<u>4488</u>	<u>Preceptorship III - Elective 1 month</u>	<u>4</u>

PEDIATRIC TRACK

<u>4662</u>	<u>General Pediatric Clerkship 1 1/2 months</u>	<u>6</u>
<u>4866</u>	<u>Intermediate Clerkship - Pediatric 2 months</u>	<u>8</u>
<u>4469</u>	<u>Pediatric Clinic Practicum 1 month</u>	<u>4</u>
<u>4667</u>	<u>Community Clinic Practicum 1 1/2 months</u>	<u>6</u>
<u>4886</u>	<u>Preceptorship I 2 months</u>	<u>8</u>
<u>4887</u>	<u>Preceptorship II 2 months</u>	<u>8</u>
<u>4488</u>	<u>Preceptorship III - Elective 1 month</u>	<u>4</u>

[SENIOR-YEAR
FALL-TRIMESTER

<u>4680</u>	<u>Advanced-Concepts-of-Health-Care-Sciences-I</u>	<u>6</u>
<u>4677</u>	<u>Health-Care-Processes-II</u>	<u>6</u>
<u>4361</u>	<u>Clinical-Internship</u>	<u>3</u>
		<u>15</u>

SPRING-TRIMESTER

<u>4681</u>	<u>Advanced-Concepts-of-Health-Care-Sciences-II</u>	<u>6</u>
<u>4678</u>	<u>Health-Care-Processes-III</u>	<u>6</u>
<u>4362</u>	<u>Clinical-Internship</u>	<u>3</u>
		<u>15</u>

SUMMER-TRIMESTER

<u>4682</u>	<u>Advanced-Concepts-of-Health-Care-Sciences-III</u>	<u>6</u>
<u>4679</u>	<u>Health-Care-Processes-IV</u>	<u>6</u>
<u>4363</u>	<u>Clinical-Internship</u>	<u>3</u>
		<u>15]</u> "

Amend Description Of Courses section as follows:

(45) Add the following course numbers as follows:

<u>3146</u>	<u>INTRODUCTION TO THE PHYSICIAN ASSISTANT CONCEPT</u>	<u>1 credit</u>
	<u>Medical terminology, history and ethics of medicine and current medical policies, e.g., certification, licensure, liability are presented. Implications are drawn on their development and application to health team structures and functions. (3 hours per week).</u>	
<u>3147</u>	<u>PATIENT EVALUATION I</u>	<u>1 credit</u>
	<u>An introduction to instruments and techniques used in performing the patient physical examination. Correlation is made with 3601, Human Anatomy and Physiology I. (3 lab. hours per week).</u>	

- 3248 PATIENT EVALUATION II 2 credits
 A continuation of 3147 - Patient Evaluation I. Pre-requisites are 3601 - Human Anatomy and Physiology I and 3147 - Patient Evaluation I. Clinical demonstrations and exercises are given on techniques used in obtaining patient histories and performing physical examinations with adults and children. Emphasis is placed upon the elicitation and proper recording of objective and subjective data and upon those aspects concerned with health maintenance and disease detection. Correlations are made with problem solving and interviewing-counseling techniques. The problem-oriented record is developed. (1 lec., 3 lab. hours per week).
- 3349 PATIENT EVALUATION III 3 credits
 A continuation of 3248 - Patient Evaluation II, which is a prerequisite. Extensive clinical demonstrations and exercises are provided with emphasis upon the examination of children; special techniques of otolaryngology, ophthalmology and neurology. (1 lec. and 6 lab. hours per week).
- 3250 PROBLEM SOLVING TECHNIQUES I 2 credits
 The integration and interpretation of collected patient data is accomplished. (1 lec. and 3 lab. hours per week).
- 3251 PROBLEM SOLVING TECHNIQUES II 2 credits
 A continuation of 3250 - Problem Solving Techniques I, a prerequisite. Advanced skills and knowledge of the integration and interpretation of patient data are emphasized. (1 lec. and 3 lab. hours per week).
- 3152 EPIDEMIOLOGY AND COMMUNITY HEALTH 1 credit
 An overview of comprehensive health care delivery is presented, with particular attention to private, governmental and voluntary health agencies. Emphasis is placed upon the concept that the health of an individual is dependent upon his optimal interaction with the family and the community. (3 seminar hours per week).
- 3353 HUMAN DYNAMICS I 3 credits
 The physical, social and self processes which help shape the individual; their relationship to illness and injury are explored. An understanding of family-community dynamics and the disease processes is stressed. Laboratory experiences provide opportunities to develop awareness and skill in effective communications with patients through interview and counseling demonstrations, role playing, group discussions and practice in patient interviewing. (2 lec. and 3 lab. hours per week).
- 3254 HUMAN DYNAMICS II 2 credits
 A continuation of 3353 - Human Dynamics I, a prerequisite. (1 lec. and 3 lab. hours per week).
- 3255 PHARMACOLOGY 2 credits
 Chemotherapeutic agents and their functions within the human body and specific organ systems are presented. Emphasis is placed upon an understanding of the functions and characteristics of commonly used drugs. (2 lec. hours per week).
- 3256 CLINICAL LABORATORY I 2 credits
 The student is introduced to the theory and application of hematology, urinalysis and electrocardiography. Skill is emphasized in obtaining, processing and performing specimen procedures. (1 lec. and 3 lab. hours per week).

- 3257 CLINICAL LABORATORY II 2 credits
A continuation of 3256 - Clinical Laboratory I, a prerequisite. Emphasis is placed upon microbiology, biochemistry and radiology. Skill is stressed in the performance and interpretation of common bacteriologic procedures. Presentations are made in the principles of radiology, including the interpretation of common abnormalities. (1 lec. and 3 lab. hours per week).
- 3458 INTRODUCTORY CLERKSHIP - SURGERY 4 credits
A one month clerkship which introduces the student to principles, procedures and techniques of preparation of surgical patients, the operating room and care and use of instruments. Practical experiences include the dog surgery laboratory, observations of common surgical procedures and the performance of minor surgical procedures. The student participates in conferences and teaching rounds, office and hospital patient care, including the emergency room.
- 3459 INTRODUCTORY CLERKSHIP - OBSTETRICS AND GYNECOLOGY 4 credits
A one month clerkship which introduces the student to obstetrics and gynecology. He is assigned select patients for the purposes of observing progress through labor and delivery and, when appropriate, assist in various procedures. Experiences are provided in the Family Planning Clinic, office patient care, department conferences and teaching rounds.
- 3460 INTRODUCTORY CLERKSHIP - MEDICINE 4 credits
A one month clerkship which introduces the student to the role and responsibilities of the physician assistant in medicine. Assignments are given in internal medicine, pediatrics or family medicine. Experiences are provided in office and hospital patient care, including the nursery, departmental conferences and teaching rounds, observations, and when appropriate, participation in various medical procedures.
- 4661 GENERAL MEDICINE CLERKSHIP 6 credits
A six weeks clerkship which introduces the student to general medicine and select clinical services. Case work-up, laboratory procedures and diagnostic-treatment methods are emphasized. This course is a prerequisite to further internal medicine and family practice training.
- 4662 GENERAL PEDIATRIC CLERKSHIP 6 credits
A six weeks clerkship introduces the student to nursery and outpatient case work-up. Observations and supervised practice are provided. Teaching rounds and conferences are integrated with didactic materials on preventive pediatrics and growth and development. This course is a prerequisite to further pediatric and family medicine training.
- 4463 NEUROLOGY CLERKSHIP 4 credits
A four week clerkship provides a general understanding of the nervous system, pathology and injuries, including their impact upon the entire body. Students other than those in the Internal Medicine track may elect this clerkship.

- 4664 INTERMEDIATE CLERKSHIP - FAMILY MEDICINE 6 credits
A six weeks clerkship includes exposure to the family constellation and an understanding of the special problems which occur when family routines are interrupted by illness. Emphasis is placed upon the work-up of outpatient cases and the follow-up of patients, presentation of cases and assisting in appropriate procedures.
- 4865 INTERMEDIATE CLERKSHIP - INTERNAL MEDICINE 8 credits
An eight week clerkship for Internal Medicine track students only. Prerequisite is 4661 - General Medicine Clerkship. Principles and practices of advanced applications of medicine are presented, along with increased responsibility for patient evaluation and work-up.
- 4866 INTERMEDIATE CLERKSHIP - PEDIATRICS 8 credits
An eight week clerkship for Pediatrics track students only. Prerequisite is 4662 - General Pediatric Clerkship. Emphasis is placed upon advanced, detailed didactic information and increased responsibilities for patient evaluation and work-up, including inpatients, outpatients, and the nursery.
- 4667 COMMUNITY CLINIC PRACTICUM 6 credits
A six week assignment in select community clinic settings: ambulatory facilities, physician's offices, Family Medicine Clinic, mental health and mental retardation clinics, Galveston County Coordinated Community Clinic, well-child conferences, Children and Youth Satellite Clinic, school health services and the emergency room. Appropriate tasks are assigned by the supervising physician.
- 4668 INTERNAL MEDICINE PRACTICUM 6 credits
A six week assignment in several internal medicine specialties, such as: cardiology, electrocardiography, infectious diseases, hematology, endocrinology, pulmonary disease and nephrology. Appropriate tasks are assigned by the supervising physician.
- 4469 PEDIATRIC CLINIC PRACTICUM 4 credits
A four week assignment in the pediatric outpatient department. Involvement with the family and the problems related to family relationship interruptions due to disease and injury of offspring is stressed. Opportunities are provided for increased application of patient evaluation and work-up procedures. Other appropriate tasks are assigned by the supervising physician.
- *4886 PRECEPTORSHIP I 8 credits
A two month off-campus assignment is provided, appropriate to the student's chosen specialty track. The preceptor is a practicing physician in a suburban, small town or rural community. The student functions as an assistant to the physician and performs tasks assigned by the preceptor.
- *4887 PRECEPTORSHIP II 8 credits
An additional two-month, off-campus assignment, appropriate to the student's chosen specialty track. Based upon the evaluation of the student's previous performance and experience, another suburban, small town or rural community experience is provided. The physician serves as the preceptor and assigns appropriate tasks to the student.
- 4488 PRECEPTORSHIP III - ELECTIVE 4 credits
A four week elective from an approved list of experiences, appropriate to the student's chosen specialty track and his needs."

[These courses are open to Health Care Science majors only or with consent of the departmental chairman.]

3315 FUNDAMENTAL CONCEPTS OF HEALTH CARE SCIENCES-I 3-credits
Basic principles and fundamental techniques of history taking and the physical examination of patients are presented. Skill in pre-diagnostic techniques is emphasized as well as the correlation of information required for a concise and coherent summary of clinical findings. (2-lee., 3-lab. per week).

3316 FUNDAMENTAL CONCEPTS OF HEALTH CARE SCIENCES-II 3-credits
Continuation of 3315. Principles and techniques of case presentation are developed with emphasis upon etiology, pathology, signs and symptoms, clinical course of disease or condition, complications and treatment. Seminars and patient presentation methods are utilized. (3-lee. per week).

3317 FUNDAMENTAL CONCEPTS OF HEALTH CARE SCIENCES-III 3-credits
Continuation of 3316. Advanced principles and techniques are offered which relate to a wide range of patients at all age levels who present health and medical problems. Case method and patient presentations are utilized. (3-lee. per week).

3228 PRACTICUM-I 2-credits
Physician supervised experiences which permit application of basic knowledge and skills of clinical associate practice. Student must concurrently register for 3316--Fundamental Concepts of Health Care Sciences-II. (6-lab. per week).

3229 PRACTICUM-II 2-credits
Continuation of 3228. Physician directed experiences emphasize day-to-day care of patients, including routine care, chart evaluation, diagnostic and treatment procedures. Student must concurrently register for 3317--Fundamental Concepts of Health Care Sciences-III. (6-lab. per week).

3676 HEALTH CARE PROCESSES-I 6-credits
Total health team concept and approach is stressed. Preventive care principles, hospital and health agency administrative practices are introduced and emphasized. Observations and direct participation in laboratory and clinical areas are presented, which qualitate and quantitate the regimen ordered by the physician. (5-lee., 3-lab. per week).

4677 HEALTH CARE PROCESSES-II 6-credits
Content will vary according to student's choice of specialization. Emphasis is placed upon admission and referral procedures, therapeutic measures, patient service areas, and post-hospital or outpatient procedures. (4-lee., 6-lab. per week).

4678 HEALTH CARE PROCESSES-III 6-credits
Elective rotation related to student's choice of specialization. Directed experiences might well include clinical procedures in cardiology, endocrinology, orthopedics, neurology, pediatrics, surgery, hematology, gastroenterology and cardiopulmonary medicine. (4-lee., 6-lab. per week).

4679 HEALTH CARE PROCESSES-IV 6-credits
Continuation of 4678. Content will vary according to student's choice of specialization. (4-lee., 6-lab. per week).

- 4680 ~~ADVANCED-CONCEPTS-OF-HEALTH-CARE-SCIENCES-I~~ 6-credits
~~Advanced-principles-and-practices-of-assistive-diagnostic and-treatment-procedures-are-offered,-which-may-include-biopsy studies,-arteriography,-proctoscopic-examinations,-pneumoencephalography,-and-medical-instrumentation.--Emphasis-is-determined-by clinical-internship-assignment.--(5-lee.,-3-lab.-per-week).~~
- 4681 ~~ADVANCED-CONCEPTS-OF-HEALTH-CARE-SCIENCES-II~~ 6-credits
~~Continuation-of-4680.--Stress-is-placed-upon-therapeutic measures-and-follow-up-care.--Emphasis-is-determined-by-student's assignment-for-clinical-internship.--(5-lee.,-3-lab.-per-week).~~
- 4682 ~~ADVANCED-CONCEPTS-OF-HEALTH-CARE-SCIENCES-III~~ 6-credits
~~Continuation-of-4681.--Emphasis-is-determined-by-student's assignment-for-clinical-internship.--(5-lee.,-3-lab.-per-week).~~
- *4361 ~~CLINICAL-INTERNSHIP~~ 3-credits
~~Physician-supervised,-specialized-experience-in-clinical-associate-practice.--Student-must-concurrently-register-for-4680-- Advanced-Concepts-of-Health-Care-Sciences-I.~~
- *4362 ~~CLINICAL-INTERNSHIP~~ 3-credits
~~Physician-supervised,-specialized-experience-in-clinical-associate-practice.--Student-must-concurrently-register-for-4681-- Advanced-Concepts-of-Health-Care-Sciences-II.~~
- *4363 ~~CLINICAL-INTERNSHIP~~ 3-credits
~~Physician-supervised,-specialized-practice.--Student-must concurrently-register-for-4682--Advanced-Concepts-of-Health-Care Sciences-III.]~~

*This [Each] Preceptorship [Clinical-Internship] course must be successfully passed with a grade point of 2.0 or above prior to the awarding of the degree and certificate of proficiency."

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON
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Amend Courses of Instruction, Medical Record Administration, Pre-Professional Course of Study section as follows:

(46) "PRE-PROFESSIONAL COURSE OF STUDY

The pre-professional course of study for the medical record administrator is based on the core curriculum in arts and sciences and must include the following as minimum, for a total of ninety (90) semester credits:

	Semester Credits
English Language	6
Literature	6
United States History	6
United States/State Government	6
<u>Natural [Biological] Sciences (to include 4 courses,</u>	<u>16</u>
<u>one of which must be a laboratory course in</u>	
<u>Anatomy and Physiology).</u>	
[Biology-or-Zoology]	[8]
[Anatomy-and-Physiology-(must-include	
laboratory-course)]	[4]
<u>Natural Sciences include courses such as</u>	
<u>Biology, Zoology, Bacteriology/Microbiology,</u>	
<u>Chemistry, Genetics, Physics.</u>	
General Business Administration	14[10]
<u>Must [Should] include: [such-courses-as]</u>	
Office Management	<u>3</u>
Personnel Management	<u>3</u>
Principles of Management	<u>3</u>
Data Processing	<u>5</u>
[business,-or-business-law-]	
Mathematics (e.g., Algebra, Trigonometry)	6
[Algebra,-Trigonometry-or-Statistics]	
<u>Statistics</u>	<u>3</u>
Sociology	6
Psychology	6
Speech or Public Speaking	3
*Typewriting	3
Electives	9[20]
[**Physical-Education]	[-]
[**Military-Science]	[-]
	<hr/> 90

*Not included as prerequisite if student has ability to type 40 words per minute.

[**]Physical education and military science are not counted as part of the 90 semester credit minimum.

A maximum of nine (9) [~~twenty-(20)~~] semester credits may be accepted from junior college courses of study in associated health occupations or nursing as electives. These semester hours may be accepted as elective credit only and cannot be substituted for any other pre-professional course requirements.

Students wishing to present credits for junior college medical record science courses must submit them for review by the Admissions Committee of the Department of Medical Record Administration, which will determine acceptability.

Amend the Professional Course of Study section as follows:

(47) "PROFESSIONAL COURSE OF STUDY

FIRST TRIMESTER	Credits
4412[21] Medical Record Science I	4
4315[09] Organization and Administration I	3
4307[8] Medical Terminology	3
4308[11] Clinical Medicine I	3
4283[28] Practicum I	<u>2</u>
	15
SECOND TRIMESTER	
4513[22] Medical Record Science II	5
4316[0] Organization and Administration II	3
4217[26] Legal Aspects of Medical Record Administration	2
4309[12] Clinical Medicine II	3
4284[29] Practicum II	<u>2</u>
	15
THIRD TRIMESTER	
4514[23] Medical Record Science III	5
4295[27] Seminar in Medical Record Administration	2
4385[30] Practicum III	3
4287[31] <u>Preceptorship [Directed-Practice]</u>	<u>2</u>
	12"

Amend the Description Of Courses section as follows:

(48) Change course number 4421 as follows:

"4412[21] MEDICAL RECORD SCIENCE I 4 credits
A study of the history of medical records, professional ethics, the function of a medical record department, quantitative analysis, study of data processing systems, preservation of records, standards of hospital accreditation, report preparation, medical record practices, responsibilities to hospital administration, medical staff, and departments of the hospital. (3 lec., 3 lab. per week)."

(49) Change course number 4522 as follows:

"4513[22] MEDICAL RECORD SCIENCE II 5 credits
A study of recording diagnoses and operations by recognized systems of disease, procedural, and pathological nomenclatures and classification systems; manual and computerized systems of indexing, research and statistical techniques, medical record data handling, and the problem oriented record. Continuation of 4412[21]. (3 lec., 6 lab. per week)."

(50) Change course number 4523 as follows:

"4514[23] MEDICAL RECORD SCIENCE III 5 credits
A study of medical records in health care facilities, methods of establishing a medical reference library; projects relating to medical record administration and presentation of case problems. Continuation of 4513[22]. (3 lec., 6 lab. per week)."

(51) Change course number 4309 as follows:

"4315[09] ORGANIZATION AND ADMINISTRATION I 3 credits
Orientation to medical care institutions and other health care facilities, analysis of the hospital and medical staff organization, and the principles of organization, administration, supervision and the application of these principles to the Medical Record Department. The duties and relationships of the hospital administrator and the social forces affecting hospitals and current trends in hospital and medical care are investigated. (3 lec. per week). Open to Medical Record Administration majors only or consent of the Dean."

(52) Change course number 4310 as follows:

"4316[10] ORGANIZATION AND ADMINISTRATION II 3 credits
A study of principles of management; procedures and methods in the Medical Record Department; office equipment; supplies and layout; development of control and production standards; administration of data processing systems; functions and techniques of personnel supervision. Continuation of 4315[09]. (3 lec. per week). Open to Medical Record Administration majors only or consent of the Dean."

(53) Change course number 4226 as follows:

"4217[26] LEGAL ASPECTS OF MEDICAL RECORD ADMINISTRATION 2 credits
A study of the principles of law and their applications in the health field, with particular reference to all phases of medical record practice; the use of records as evidence, release of information, subpoena, testimony, settlement of claims or actions, doctor-patient-hospital relationships and legal consents. (1 lec., 3 lab. per week)."

(54) Change course number 4227 as follows:

"4295[27] SEMINAR IN MEDICAL RECORD ADMINISTRATION 2 credits
A seminar, utilizing the case method approach, on problem situations encountered in the field of medical record administration in medical record departments, clinics and other medical facilities and including those arising from the student's experiences in medical record practice. (2 lec. per week)."

(55) Change course number *4228 as follows:

"*4283[28] PRACTICUM I 2 credits
The supervised learning experience through which the student develops insight, understanding and skill in medical record procedures. (Hours are arranged)."

(56) Change course number *4229 as follows:

"*4284[29] PRACTICUM II 2 credits
The supervised learning experience through which the student learns to deal with the problems of medical record personnel; accepts responsibilities and recognizes the need for preserving the confidential nature of medical records. Continuation of 4283[28]. (Hours are arranged)."

(57) Change course number *4330 as follows:

"*4385[30] PRACTICUM III 3 credits
 The supervised learning experience through which the student learns to recognize the contribution of and learns to work with other professional and nonprofessional personnel. Continuation of 4284[29]. (Hours are arranged)."

(58) Change course number *4231 as follows:

"*4286[31] PRECEPTORSHIP [~~DIRECTED-PRACTICE~~] 2 credits
 Provides the student with management experience in the usual activities and responsibilities of the medical record administrator and augments the instructional program in the teaching institution. Student is under direct supervision of a qualified medical record administrator. (Hours are arranged)."

(59) Amend footnote to Description Of Courses section as follows:

"*Each Practicum and Preceptorship [~~Directed-Practice~~] course must be successfully passed with a grade point of 2.0 or above prior to the awarding of the degree and certificate of proficiency."

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Amend Courses of Instruction, Medical Technology, Statement of the Profession section as follows:

(60) "MEDICAL TECHNOLOGY

Ruth E. Morris, B.S., M.Ed., MT (ASCP), Chairman

STATEMENT OF THE PROFESSION

Medical technology is a dynamic new field in the allied health sciences. Laboratory medicine is rapidly expanding and medical technology must grow at a rapid rate to provide the diagnostic assistance demanded in modern patient care.

Working side by side with pathologists and other physicians, the medical technologist is a vital member of the health team. By education and training the medical technologist [he] is capable of performing various chemical, microscopic, bacteriologic and other medical laboratory procedures. The physician routinely utilizes the laboratory tests results for assistance in the diagnosis, study, treatment and prevention of disease. Thus, the medical technologist occupies a responsible key position on the health team.

The opportunities for a medical technologist are unlimited. Because this field has grown so rapidly in recent years, the demand for qualified medical technologists [far] exceeds the number of trained people. Medical technology education offers a broad based background for future work and advancement. The well educated technologist may choose a [his] place of employment from [~~such areas as~~] hospitals, clinics, the armed forces, public health agencies, biological manufacturers and research laboratories. Technologists may work in a general clinical laboratory or specialize in a particular field such as microbiology, hematology, blood banking, clinical chemistry, immunology or parasitology. Supervisory, administrative and teaching positions are also available to those medical technologists with work experience, offering an opportunity for professional growth and advancement. Graduate degree programs offer a diversified selection for medical technologists. Programs are available for further study in one of the laboratory disciplines as well as in teaching and administration. [~~He may choose from one of the laboratory disciplines for further study, or if his interest lies in teaching and administration, programs are also available in these areas.~~]

Men and women considering a career in medical technology should have a genuine interest in science, a stable well-rounded personality and a desire to serve. Medical technologists must be capable of working cooperatively with others under supervision and at the same time have the ability to supervise and impart knowledge to others. The technologist must be reliable and personally responsible for test results. The ability to solve problems and make independent decisions must be developed. Precision, accuracy and speed are necessary in the modern clinical laboratory. Education is a continuous process and the graduate medical technologist must continue to study and learn in order to better serve the patient and advance the science of laboratory medicine."

Amend the Pre-Professional Course of Study section as follows:

(61) Amend paragraph two (2) as follows:

"The pre-professional course of study must include:

	Semester Credits
Biological Sciences	
General Biology and/or Zoology	6
Microbiology	3
Additional courses acceptable toward a biological sciences major (Bacteriology, Physiology, Genetics and Anatomy recommended)	7
Chemistry	
Inorganic Chemistry (May include qualitative)	8
Quantitative Chemistry	4
Organic Chemistry (Two semesters Organic Chemistry recommended)	4
Mathematics	3
College Algebra and Trigonometry recommended	
Physics	6
English Language and Literature	12
United States History	6
United States/State Government	6
Electives	25
(Courses in biology and chemistry highly recommended)	
[*Physical-Education]	[-]
[*Military-Sciences]	[-]
	90

[*] Physical education and military science are not counted as part of the 90 semester credit minimum."

(62) Amend paragraph four (4) as follows:

"A maximum of twelve (12) semester credits may be accepted from junior college courses of study in associated health occupations or nursing as electives. These semester hours may be accepted for elective credit only and cannot be substituted for any other pre-professional course requirements.

~~[At-the-present-time]~~ Matriculation is at the beginning of the Fall or Spring Trimesters each year. Students should make application not less than six (6) months prior to anticipated date of matriculation.

In order to be considered for acceptance the applicant must:

1. Have an overall C (2.0) grade point average and a C (2.0) grade point average in all science courses.
2. Complete the test battery and personal interview administered by the Department of Medical Technology.
3. Submit all required application materials to the Director of Student Admissions."

Amend The Professional Curriculum section as follows:

(63) "THE PROFESSIONAL CURRICULUM

While enrolled in the medical technology curriculum in the School of Allied Health Sciences, the student derives those skills

so vitally needed by the adequately educated medical technologist. The twelve-month teaching program consists of three (3) trimesters with integration of practical and theoretical material. During Trimester I and Trimester II classes are held in the School of Allied Health Sciences. Related courses are grouped within each of the two trimesters for better continuity of subject material. Trimester III is supervised learning in various departments of the clinical laboratories and blood bank, [~~laboratory;~~] affording ample opportunity for the integration of skills through experience under the guidance and supervision of registered medical technologists. The student is given every opportunity to learn from physicians, particularly those who are clinical pathologists. Trimester I and Trimester II must be completed before entering Trimester III.

The degree of Bachelor of Science in Medical Technology is awarded by The University of Texas Medical Branch, School of Allied Health Sciences upon satisfactory completion of all academic requirements. Upon demonstration of skills in the performance of clinical laboratory procedures, within acceptable limits of accuracy, the student receives a Certificate of Proficiency.

The curriculum in medical technology is approved by the Council on Medical Education of the American Medical Association. Students who satisfactorily complete the program are eligible for active membership in the American Society for Medical Technology and are eligible to take the national certifying examination given by the Registry of Medical Technologists of the American Society of Clinical Pathologists [~~to take the national examination given by the Registry of Medical Technologists of the American Society of Clinical Pathologists and are eligible for active membership in the American Society of Medical Technologists~~]. Upon successful completion of the registry examination, the student becomes a registered Medical Technologist and is entitled to use MT (ASCP) after his name."

Amend Professional Course of Study section as follows:

(64) "PROFESSIONAL COURSE OF STUDY

TRIMESTER I		Credits
4319[36]	Methods of Analysis	3
4320[37]	Parasitology	3
4821[38]	Clinical Chemistry	8
4322[39]	Urinalysis	3
4183[72]	<u>Practicum I</u> [Clinical Education-I]	<u>1</u>
		18
TRIMESTER II		
4223[40]	Immunology and Serology	2
4324[41]	Blood Banking	3
4625[42]	Microbiology	6
4626[43]	Hematology	6
4184[73]	<u>Practicum II</u> [Clinical Education-II]	<u>1</u>
		18
TRIMESTER III		
4686[61]	<u>Preceptorship I</u> [Clinical Internship-I]	6
4687[62]	<u>Preceptorship II</u> [Clinical Internship-II]	<u>6</u>
		12"

Amend Medical Technology, Description Of Courses section as follows:

(65) Change course number 4336 as follows:

"4319[36] METHODS OF ANALYSIS 3 credits
A study of analytical and control techniques utilized in the clinical laboratory including theories and principles of qualitative, quantitative and instrumental procedures. (2 lec., 3 lab. per week). \$3 laboratory fee."

(66) Change course number 4327 as follows:

"4320[7] PARASITOLOGY 3 credits
Lecture and laboratory instruction on animal parasites producing disease in the human with emphasis on life cycle, identifying characteristics and the pathology these parasites provoke in man. (2 lec., 3 lab. per week). \$3 laboratory fee."

(67) Change course number 4838 as follows:

"4821[38] CLINICAL CHEMISTRY 8 credits
Studies in clinical chemistry with emphasis on the physiology of normal and abnormal metabolism. Manual and automated laboratory procedures for the quantitation of body constituents employing gravimetric, volumetric, gasometric, titrametric, and spectrophotometric techniques. (4 lec., 12 lab. per week). \$8 laboratory fee."

(68) Change course number 4339 as follows:

"4322[39] URINALYSIS 3 credits
Lectures present the physiology of urine formation and the relationship of abnormalities in the urine to renal and systemic disease. Chemical tests and microscopic examination are utilized in the laboratory to detect abnormalities. (2 lec., 3 lab. per week). \$3 laboratory fee."

(69) Change course number 4240 as follows:

"4223[40] IMMUNOLOGY AND SERIOLOGY 2 credits
Theoretical aspects of the immune response and its relation to the diagnosis of disease are discussed. Lecture and laboratory stress the detection, identification and characterization of antibodies. (1 lec., 3 lab. per week). \$2 laboratory fee."

(70) Change course number 4341 as follows:

"4324[41] BLOOD BANKING 3 credits
Lecture and laboratory covering the theory and principles of immunohematology relating to blood grouping the typing, antibody detection and identification, compatibility testing and component therapy in blood transfusion service. (2 lec., 3 lab. per week). \$3 laboratory fee."

(71) Change course number 4642 as follows:

"4625[42] MICROBIOLOGY 6 credits
Lecture and laboratory studies of human pathogenic bacteria, fungi and viruses. Emphasis is on staining, cultural and differential biochemical characteristics, methods of isolation for body fluids and susceptibility to therapeutic agents. (3 lec., 9 lab. per week). \$6 laboratory fee."

(72) Change course number 4643 as follows:

"4626[43] HEMATOLOGY 6 credits
 Studies on the formation, function and identifying characteristics of the cellular elements of human blood in health and disease states. Lecture and laboratory emphasize the enumeration, morphology and staining characteristics of normal and abnormal blood cells. Lecture and laboratory studies on blood coagulation physiology and methods of detecting defects are presented. (3 lec., 9 lab. per week). \$6 laboratory fee."

(73) Change course number *4172 as follows:

"*4183[72] PRACTICUM I [~~CLINICAL-EDUCATION-I~~] 1 credit
 Structured clinical experience directed toward developing capabilities in organization, responsibility and problem solving related to other courses presented during trimester. (Hours are arranged). \$1 laboratory fee."

(74) Change course number *4173 as follows:

"4184[73] PRACTICUM II [~~CLINICAL-EDUCATION-II~~] 1 credit
 Structured clinical experience directed toward developing capabilities in organization, responsibility and problem solving related to other courses presented during trimester. (Hours are arranged). \$1 laboratory fee."

(75) Change course number *4661 as follows:

"*4686[61] PRECEPTORSHIP I [~~CLINICAL-INTERNSHIP-I~~] 6 credits
 Supervised learning experience in [~~the~~] clinical laboratory [~~+~~] practices and procedures. \$6 laboratory fee."

(76) Change course number *4662 as follows:

"*4687[62] PRECEPTORSHIP II [~~CLINICAL-INTERNSHIP-II~~] 6 credits
 Supervised learning experience in [~~the~~] clinical laboratory [~~+~~] practices and procedures. \$6 laboratory fee."

(77) Amend footnote to Description Of Courses section as follows:

"*Each Practicum [~~Clinical-Education~~] and Preceptorship [~~Clinical-Internship~~] course must be successfully passed with a grade point of 2.0 or above prior to the awarding of the degree and certificate of proficiency."

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Amend Courses Of Instruction, Occupational Therapy, Statement Of The Profession section as follows:

(78) "OCCUPATIONAL THERAPY

Mary Frances Heermans, A.B., M.S., O.T.R., Chairman

STATEMENT OF THE PROFESSION

Occupational therapy is a dynamic health care profession and an integral part of today's comprehensive health care concept. The registered occupational therapist provides direction for an individual's participation in activities for the purpose of promoting and maintaining health, preventing disability, evaluating disabilities and restoring maximum function. Knowledge of normal human function and behavior is translated by the occupational therapist into specific activities to benefit individuals according to their particular needs. The occupational therapist analyzes, selects and directs evaluation and treatment, choosing from a wide range of activities which are creative, manual, educational, self-caring, recreational and vocationally related.

Occupational therapy services are provided in a variety of settings ranging from medical facilities to community health agencies and private homes, and in consultation with other specialists in the health care professions. Employment opportunities are abundant in facilities focusing on direct services to individuals or groups as well as in areas of teaching, research and consultation services. Salaries are comparable with related health professionals.

Young men and women considering a career in occupational therapy should possess personal qualifications including a genuine liking and concern for others, an awareness of man's need for activity, a desire to work cooperatively with others as individuals or in groups, an intense interest in health care, and an ability to think and act creatively in problem solving and decision-making.

~~["Occupational therapy is the art and science of directing man's response to selected activity to promote and maintain health, to prevent disability, to evaluate behavior and to treat or train patients with physical and psychosocial dysfunction."]~~

~~[The registered occupational therapist (O.T.R.) is educated to accomplish these objectives through a wide range of creative, manual, educational, self-care and recreational activities. The occupational therapist works in consultation with other specialists in the health science professions.]~~

~~[In evaluating and treating the patient with emotional or psychiatric conditions, the occupational therapist is mainly concerned with assessing his level of communicative skill, altering or diminishing psychopathology, assisting him in gratifying needs and providing him with opportunities to refine vocationally related and social skills. The occupational therapist working with the physically handicapped or disabled patient is concerned with his ability to lead an independent and productive life. The patient is encouraged to utilize his maximum physical capacities within the limits imposed by the handicap or disability and to develop task~~

~~tolerance-as-well-as-coordination.--Vocationally-related-activities-are-also-used-for-assessing-capacities-and-interests-which-may-lead-to-gainful-employment.]~~

~~[Occupational-therapy-is-also-used-with-children-and-the-aged-when-problems-of-development-become-apparent.--Developmental-appraisal-by-the-occupational-therapist-provides-the-basis-for-play-experiences-which-will-maintain-and-facilitate-physical,-social-and-self-developmental-skills-in-the-child.--With-the-aged,-the-occupational-therapist-utilizes-physical-and-social-experiences-to-maintain-the-individual-on-the-highest-level-of-action-and-integration-possible.--The-acutely-ill-or-convalescent-individual-undergoing-medical-or-surgical-procedures-is-treated-by-the-occupational-therapist-through-an-activity-program-conducive-to-promoting-the-healing-process.--Creative-experiences-are-used-to-stimulate-interest,-maintain-physical-tone,-retain-mental-alertness-and-induce-rest-and-relaxation.]~~

~~[Opportunities-for-the-occupational-therapist-are-unlimited.-There-is-a-growing-demand-for-young-men-and-women-in-hospitals,-rehabilitation-centers,-community-public-health-agencies,-the-Peace-Corps,-nursing-homes,-special-schools,-the-Armed-Services,-and-in-foreign-countries.--The-profession-has-expanded-well-beyond-the-hospital,-and-opportunities-abound-in-areas-of-teaching,-research,-and-consultation-services.--Graduate-study-is-available.--Positions-of-leadership-await-the-energetic-and-resourceful.--Salaries-are-excellent-and-comparable-with-related-allied-health-scientists.]~~

~~[Personal-qualifications-include-a-genuine-liking-and-concern-for-others;-a-desire-to-work-cooperatively-with-others-as-individuals-or-in-groups;-and-intense-interest-in-the-fields-of-medicine-and-health-care;-and-an-ability-to-think-and-act-creatively-with-one's-mind-and-hands.]"~~

Amend the Pre-Professional Course Of Study section as follows:

(79) "PRE-PROFESSIONAL COURSE OF STUDY

Prior to admission to the curriculum of occupational therapy in the School of Allied Health Sciences, the student should have a broad course of study [~~in-the-liberal-arts-and-sciences~~]. It is essential to effective practice [~~in-occupational-therapy~~] that the occupational therapist have a thorough knowledge and appreciation of the culture and society in which he works. He must also possess adequate knowledge of the sciences and arts of the culture as well as written and verbal communication skills.

The pre-professional course of study is based on the liberal arts and sciences core curriculum as adopted by the Association of Texas Colleges and Universities. The student must have completed a minimum of sixty (60) semester hours credit including the following:

	Semester Credits
English Language	6
Literature	6
United States History	6
United States/State Government	6
Biological Sciences	6
<u>Human Anatomy and Human Physiology</u>	
<u>are not accepted as Biological Sciences</u>	
<u>prerequisites since they are required in</u>	
<u>the professional course of study.</u>	

[Physical-Sciences-(Physics-and/or) Chemistry {>}]	6
[Behavioral-Sciences-(Psychology {>}]	6
<u>Since Human Development is required in the professional course of study, Child Psychology is not recommended for the fulfillment of this Psychology requirement.</u>	
[Social-Sciences-(Sociology {>}]	6
Mathematics	3
Electives	9
[* Military-Science]	[-]
[* Physical-Education]	[-]
	60

[*]Physical education and military science are not counted as part of the 60 semester credit minimum.

Due to the competitive nature of admission to the curriculum, the applicant must have an average of "C" (2.0) or better in each of the prerequisite categories of biological sciences, chemistry, psychology and sociology.

The student may accomplish this pre-professional course of study at any junior college, senior college or university which is accredited and offers the prerequisite [~~liberal-arts-and-sciences~~] courses indicated. A maximum number of nine (9) [~~three-(3)~~] semester credits may be accepted from junior college courses of study in associated health occupations or nursing as electives. These semester hours may be accepted for elective credit only and cannot be substituted for any other pre-professional course requirements.

The student already holding a baccalaureate degree in a related field may enroll in this program and work toward a second bachelor's degree provided he has successfully completed the pre-professional course of study stated above."

Amend the Professional Curriculum section as follows:

(80) "THE PROFESSIONAL CURRICULUM

The curriculum in occupational therapy is designed to help the individual to become well educated with abilities to perform the multiple and complex tasks of the occupational therapist. The student is eligible for admission to the baccalaureate degree program following successful completion of the pre-professional course of study as indicated above [~~two-(2)-years-on-the-undergraduate-level-in-the-arts-and-sciences~~]. This professional education program consists of [~~he-spends~~] 5 1/2 trimesters on The University of Texas Medical Branch campus and at affiliated off-campus hospitals, health care facilities and community agencies. [~~During-this-time-he-gains knowledge-and-skill-in-basic-sciences, therapeutic-media-and techniques, medical-information, and principles-of-occupational therapy-which-are-prerequisites-for-practice.~~]

The first year of this curriculum consists of 2 1/2 trimesters. Twenty-one (21) semester credits include advanced biological, behavioral and clinical science courses which provide the basic knowledges required of the occupational therapist and other allied health professionals. Concurrent with this core curriculum in allied health sciences are twenty-three (23) credits in courses designed for the student to gain the knowledges and understandings of concepts, processes, media, skills and procedures which are basic to the practice of occupational therapy. Introductory field work experiences are also provided during the junior year, under the preceptorship of a registered occupational therapist.

During the senior year, the student participates in learning experiences designed to integrate both academic and supervised field work experience in the practice of occupational therapy. Courses entitled Field Studies in Occupational Therapy are offered throughout a calendar year as a series of units comprising required and elective learning experiences in the areas of physical and psychosocial function and dysfunction within all age groups. These units of field studies are scheduled in The University of Texas Medical Branch Hospitals and in off-campus facilities. Relocation to geographically located off-campus facilities is required of the student for some of these units of field study at any time during the senior year and at the student's expense.

Coordinated with the field studies, other advanced courses comprising the Senior Core in Occupational Therapy are taken concurrently. In addition, investigations in Occupational Therapy provide opportunities for in-depth study of special topics through seminar, independent study or tutorial study.

The senior year schedule is planned by the individual student and a faculty advisor. Electives for field studies and investigative study may be selected and proposed during the Spring Trimester of the junior year when the senior year planning takes place.

~~[During this same time the student participates in a clinical internship rotation. The supervised clinical practice scheduled in The University of Texas Medical Branch Hospitals is integrated with the course work; supervised clinical practice in off-campus facilities is closely correlated.]~~

Upon completion of all curriculum requirements, including successfully passing each of the [~~three~~] courses, and units of courses, entitled Field Studies in Occupational Therapy [~~Clinical Internship~~] with a 2.0 grade point or above, the degree of Bachelor of Science in Occupational Therapy and a Certificate of Proficiency are awarded. Graduates are then eligible to take the national examination for registration conducted by the American Occupational Therapy Association. Upon successful completion of this examination, the candidate is eligible to become a registered member of [~~for registration and membership in~~] his national professional association and may use the letters O.T.R. (Occupational Therapist, Registered) after his name.

This professional course of study in occupational therapy is accredited by the Council on Medical Education, American Occupational Therapy Association, in collaboration with The American Occupational Therapy Association, Inc."

Amend the Professional Course Of Study section as follows:

(81) Amend Junior Year as follows:

"PROFESSIONAL COURSE OF STUDY

JUNIOR YEAR

SUMMER TRIMESTER - SECOND TERM		Credits
36[5]01	Human Anatomy and Physiology I	6[5]
[2302]	[Human Physiology-I]	[9]
3228[450]	Occupational Therapy I [Principles and Practices of Occupational Therapy-I]	2[4]
		8

FALL TRIMESTER		
3202[3]	Human <u>Anatomy and Physiology II</u>	2
3305	Human Development Concepts and Processes [I]	3
[3105]	[Human-Development-Laboratory-I]	[1]
3[4]308[11]	Clinical Medicine I	3
3329[451]	<u>Occupational Therapy II [Principles-and Practices-of-Occupational-Therapy-II]</u>	3[4]
3531[652]	<u>Therapeutic Media and Procedures [Techniques] I</u>	5[6]
3186	<u>Preceptorship I</u>	1
		<u>17[16]</u>

SPRING TRIMESTER		
3103	<u>Human Anatomy Laboratory</u>	1
3310[3]	Clinical Psychiatry	3
3309[12]	Clinical Medicine II	3
[3354]	[Dynamics-of-Human-Motion]	[3]
[3306]	[Human-Development-Concepts-and-Processes-II]	[3]
[3106]	[Human-Development-Laboratory-II]	[1]
3530[354]	<u>Occupational Therapy III [Dynamics-of Human-Motion]</u>	5[3]
3532[653]	<u>Therapeutic Media and Procedures [Techniques] II</u>	5[6]
3187	<u>Preceptorship II</u>	1
		<u>18[17]"</u>

(82) Amend the Senior Year as follows:

"SENIOR YEAR

Courses are scheduled individually for each student during the senior year which is the equivalent of three trimesters in length.

Core in Occupational Therapy

4333[58]	<u>Advanced Concepts in Occupational Therapy</u>	3
4306	<u>Seminar in Human Development</u>	3
4294	<u>Introduction to Research</u>	2
		<u>8</u>

Field Studies in Occupational Therapy

4434	<u>Problems Related to Physical Function</u>	4
4435	<u>Problems Related to Psychosocial Function</u>	4
4X36	<u>Field Study Problems in Occupational Therapy - Electives</u>	
		<u>24</u>

Investigations in Occupational Therapy

4X95	<u>Seminar in Allied Health Sciences</u>	credit will vary
4X9[1]6[8]	<u>Independent-Investigative Study</u>	credit will vary [2]
4X9[2]7[0]	<u>Topics in Allied Health Sciences</u>	credit will vary
4X98	<u>Topics in the Humanities</u>	credit will vary
		<u>37</u>

[~~FALL-TRIMESTER~~]

[4311]	[Clinical-Medicine-I]	[3]
[4313]	[Clinical-Psychiatry]	[3]
[4355]	[Evaluation-and-Treatment-Concepts-and Processes-I]	[3]
[4361]	[Clinical-Internship]	[3]
		<u>[15]</u>

[SPRING-TRIMESTER]		
[4312]	[Clinical-Medicine-II]	[3]
[4359]	[Seminar-in-Occupational-Therapy]	[3]
[4356]	[Evaluation-and-Treatment-Concepts-and Processes-II]	[3]
[4362]	[Clinical-Internship]	[3]
		<u>[14]</u>
[SUMMER-TRIMESTER]		
[4357]	[Evaluation-and-Treatment-Concepts-and Processes-III]	[3]
[4363]	[Clinical-Internship]	[3]
		<u>[6]</u>

Amend the Description Of Courses section as follows:

(83) Amend course number 3450 as follows:

"3228[450] OCCUPATIONAL THERAPY I [PRINCIPLES-AND PRACTICES-OF-OCCUPATIONAL-THERAPY-I] 2[4] credits
 [History,] Scope, objectives, role and functions, historical and philosophical foundations of occupational therapy are presented. [The-effects-of-handicapping-and-disabling-conditions-upon-growth-and-development-are-explored.--Evolving-concepts-as-they-relate-to-fields-of-medicine-and-rehabilitation-and-the-development-of-professions-are-also-offered.] Activity analysis is introduced. Medical terminology is studied. (3 lec. [~~4 lab.~~] per week, lab. hours are arranged)."

(84) Amend course number 3451 as follows:

"3329[451] OCCUPATIONAL THERAPY II [PRINCIPLES AND-PRACTICES-OF-OCCUPATIONAL THERAPY-II] 3[4] credits
Knowledge of principles basic to the occupational therapy process is acquired. Evaluation concepts and procedures are emphasized in relationship to the human developmental continuum. Skill in administration of evaluation procedures is developed. [Continued development-of-concepts,-knowledge-and-skills-basic-to-the occupational-therapy-process.--Evaluation-and-treatment-considerations in-all-areas-of-health-care-are-explored.--Professional-communication-methods-are-studied.] (2[3] lec., 3[4] lab. per week)."

(85) Amend course number 3354 as follows:

"3530[354] OCCUPATIONAL THERAPY III [DYNAMICS-OF HUMAN-MOTION] 5[3] credits
Continuation of 3329. Treatment planning and methods of treatment of physical and psychosocial problems are emphasized. Mechanical and physiological principles of individual and coordinated actions are studied in relationship to normal and abnormal human motion [as they-relate-to-occupational-therapy-activities]. Student must register concurrently in 3103 - Human Anatomy Laboratory. (3[2] lec., 6[3] lab. per week)."

(86) Amend course number 3652 as follows:

"3531[652] THERAPEUTIC MEDIA AND PROCEDURES [TECHNIQUES] I 5[6] credits
Analysis and evaluation of activities and procedures are explored [Exploration-of-media-and-play] on a human developmental continuum [from-birth-to-adolescence] with emphasis [upon-sensory

~~stimulation and perceptual-motor development; evaluation and analysis of media and their relationship to and~~ on implications for the practice of occupational therapy. Therapeutic relationships and professional communications are studied. (~~3 lec., 9~~ 15 lab. per week). \$5 [6] laboratory fee."

(87) Amend course number 3653 as follows:

"3532[653] THERAPEUTIC MEDIA AND PROCEDURES [TECHNIQUES] II 5[6] credits
 Continuation of 3531. [~~Analysis and evaluation of media and recreation on a developmental continuum from adolescence through old age with emphasis on vocational aspects and relationship to and implications for the practice of occupational therapy. Continuation of 3651. (3 lec., 9)~~ (15 lab. per week). \$5[6] laboratory fee."

(88) Add course number *3186 as follows:

"*3186 PRECEPTORSHIP I 1 credit
Experience in the occupational therapy process, under the supervision of a registered occupational therapist. Development of professional behavior and therapeutic relationships are stressed. Student must register concurrently in 3531 - Therapeutic Media and Procedures I."

(89) Add course number *3187 as follows:

"*3187 PRECEPTORSHIP II 1 credit
Experience in the occupational therapy process, under the supervision of a registered occupational therapist. Treatment planning is emphasized. Student must register concurrently in 3530 - Occupational Therapy III."

(90) Amend course number 4358 as follows:

"4333[58] ADVANCED CONCEPTS IN OCCUPATIONAL THERAPY 3 credits
Principles and methods of organization, administration, management, supervision and consultancy are studied as they apply to occupational therapy in health care facilities and agencies. [~~Organizational structure and administration functions of hospitals, agencies and departments of occupational therapy; community and governmental services, their functions and contributions to patients and clients' welfare and medicine~~] Legal aspects, [] job analysis and descriptive writing are included. [~~Supervisory principles and methods~~] (3 [2] lec. [~~3 lab.~~] per week)."

(91) Add course number **4434 as follows:

"**4434 FIELD STUDIES IN OCCUPATIONAL THERAPY: PROBLEMS RELATED TO PHYSICAL FUNCTION 4 credits
Directed learning experiences, emphasizing the case study method, are coordinated with supervised field work experience in the practice of occupational therapy. Problems related to physical function within the human developmental continuum are studied, including: developmental; general medical and pediatric; general, orthopedic and neuro-surgery."

(92) Delete course number 4356 as follows:

"[4356] [EVALUATION-AND-TREATMENT-CONCEPTS-AND
PROCESSES-II] [3-credits]
[Objectives,-functions-and-procedures-of-occupational-therapy
evaluation-and-treatment-in-problems-of-physical-dysfunction.
Student-must-register-concurrently-in-4362---Clinical-Internship.
-3-lec.-per-week].]"

(93) Delete course number *4362 as follows:

"[*4362] [CLINICAL-INTERNSHIP] [3-credits]
[Directed-clinical-experience-in-evaluation-and-treatment-of
patients-with-problems-of-physical-dysfunction-within-all-age-groups.
Student-must-register-concurrently-in-4356---Evaluation-and-Treatment
Concepts-and-Processes-II.-(Hours-are-arranged).]"

(94) Add course number **4435 as follows:

"**4435 FIELD STUDIES IN OCCUPATIONAL THERAPY: 4 credits
PROBLEMS RELATED TO PSYCHOSOCIAL FUNCTION
Directed learning experiences, emphasizing the case study
method, are coordinated with supervised field work experience in the
practice of occupational therapy. Problems related to psychosocial
function within the human developmental continuum are studied,
including: emotional, psychotic, neurotic and behavioral."

(95) Delete course number 4355 as follows:

"[4355] [EVALUATION-AND-TREATMENT-CONCEPTS-AND
PROCESSES-I] [3-credits]
[Objectives,-functions,-and-procedures-of-occupational-therapy
evaluation-and-treatment-in-problems-of-psychosocial-dysfunction.
Student-must-register-concurrently-in-4361---Clinical-Internship.
(3-lec.-per-week).]"

(96) Delete course number *4361 as follows:

"[*4361] [CLINICAL-INTERNSHIP] [3-credits]
[Directed-clinical-experience-in-evaluation-and-treatment-of
patients-with-problems-of-psychosocial-dysfunction-within-all-age
groups.---Student-must-register-concurrently-in-4355---Evaluation-and
Treatment-Concepts-and-Processes-I.---(Hours-are-arranged).]"

(97) Add course number **4X36 as follows:

"**4X36 FIELD STUDY PROBLEMS IN OCCUPATIONAL 16 credits
THERAPY - ELECTIVES
Directed learning experiences, emphasizing the case study
method are coordinated with supervised field work experience in the
practice of occupational therapy. Course is offered through a
series of instructional units. Content and credit will vary accord-
ing to the units selected by the student and approved by his faculty
advisor. Units may include field studies related to the aged, the
burned patient, cerebral palsy, child psychiatry, community health
programs, mental retardation, administration, teaching. Course may
be repeated for credit when topics vary."

(98) Delete course number 4357 as follows:

~~"[4357] [EVALUATION-AND-TREATMENT-CONCEPTS AND-PROCESSES-III] [3-credits]
[Objectives,-functions-and-procedures-of-occupational-therapy evaluation-and-treatment-in-varying-illnesses-and-disabilities-with emphasis-on-developmental-factors.--Students-must-register concurrently-in-4363---Clinical-Internship---(3-lec.-per-week).]"~~

(99) Delete course number *4363 as follows:

~~"[*4363] [CLINICAL-INTERNSHIP] [3-credits]
[Directed-clinical-experience-in-evaluation-and-treatment-of patients-with-problems-of-development.--Student-must-register concurrently-in-4357---Evaluation-and-Treatment-Concepts-and Processes-III---(Hours-are-arranged).]"~~

(100) Delete course number 4359 as follows:

~~"[4359] [SEMINAR-IN-OCCUPATIONAL-THERAPY] [3-credits]
[Basic-concepts-and-techniques-of-investigative-studies-and introductory-statistics;-reviews-of-published-research.--Selected readings-and-discussions-of-trends-in-occupational-therapy. (3-lec.-per-week).]"~~

(101) Amend footnote to Description Of Courses section as follows:

"*Each preceptorship must be successfully passed with a grade point of 2.0 or above prior to promotion to the senior year.

**Each of the courses, and units of courses, entitled Field Studies in Occupational Therapy must be successfully passed with a grade point of 2.0 or above prior to the awarding of the degree and certificate of proficiency.

~~["*Each-Clinical-Internship-course-must-be-successfully-passed-with-a-grade-point-of-2.0-or-above-prior-to-the-awarding-of-the-degree-and-certificate-of-proficiency."]~~

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON
 THE UNIVERSITY OF TEXAS SCHOOL OF ALLIED HEALTH SCIENCES AT GALVESTON

Amend Courses Of Instruction, Physical Therapy, Statement Of The Profession section as follows:

(102) "PHYSICAL THERAPY

Jeanne M. Schenck, B.A., M.A., Chairman

STATEMENT OF THE PROFESSION

Physical therapy is a profession whose members use their skills to restore movement to sick and injured bodies - to help the patient return to his family and community with the highest degree of personal independence possible. Skills are particularly directed to the patient whose physical limitation is caused by disabilities of the nervous, muscular, skeletal, circulatory, and respiratory systems. The physical therapist specializes in the performance of tests to evaluate the function of those systems as they relate to human movement. Since movement is one of the major goals, he spends much of his time in direct patient treatment using various forms of exercise and training of the patient in functional movement. As adjuncts, he applies various physical agents such as heat, cold, ultrasound, electricity, and massage. Some of these patient care activities he delegates to assistants and aides whom he supervises and for whose work he is responsible. The physical therapist's activities are primarily judgmental in nature as he interprets his test results and plans and adjusts treatment plans with the physician. The profession is concerned with the prevention of health problems as well as the restoration and maintenance of function. Skills are provided as part of a comprehensive health care program to which physicians, nurses, occupational therapists, and others contribute.

Young men and women interested in a health field will find physical therapy a challenging and satisfying profession. It is a community service and as such, physical therapists have a wide range of employment opportunities. Hospitals, rehabilitation centers, private offices, community public health service, nursing homes, school systems, and the armed services have need for physical therapists. Opportunities can be found in administration, teaching, and research.

~~[Physical therapy, a health profession, specializes in the performance of tests to evaluate the function of motor behavior and those systems which contribute to its effectiveness, and in the use of certain physical energies and the physiological energy of exercise in the treatment of disease and injury. Physical therapy is concerned with the prevention, restoration and maintenance of function; the ultimate objective is helping patients to achieve a realistic goal of maximum rehabilitation.]~~

~~Young men and women interested in a health field will find physical therapy a challenging and satisfying profession. Opportunities for patient care, teaching, administration and research are readily available. Positions exist in general, governmental and childrens' hospitals, in physicians' offices, clinics, special centers and in the public school systems.]~~

The curriculum in physical therapy offers instruction in the biological and behavioral sciences, and in the concepts and skills of physical therapy. Its goal is the graduation of qualified physical

therapists prepared to assist in meeting the health needs of society and to continue their own professional and personal growth."

Amend the Pre-Professional Course Of Study section as follows:

(103) "PRE-PROFESSIONAL COURSE OF STUDY

Prior to admission to the curriculum in physical therapy in the School of Allied Health Sciences, the student must meet all admission requirements as stated elsewhere in the catalogue. In addition, he must present a minimum of ninety (90) semester credits, or their equivalent, from an accredited college or university to include:

	Semester Credits
English Language	12
Composition, rhetoric, and related courses	
Biology and Zoology	12
A minimum of 6 semester credits in general biology, must include laboratory work; additional courses may be chosen from comparative anatomy, embryology, histology, heredity and genetics. Human physiology, anatomy, and kinesiology may not be counted toward the 12 semester credits in this prerequisite.	
General Physics	8
Course work as required for science majors	
Chemistry, general inorganic	8[6]
Must include laboratory work	
United States History	6
United States/State Government	6
Sociology	6
Psychology	6
Electives	26[28]
May be chosen from any area of interest; mathematics and the behavioral sciences are recommended.	
[*Physical-Education]	[-]
[*Military-Science]	[-]
	90

Required [*] physical education and military science credits not counted as part of the ninety (90) semester credit minimum.

A maximum of twenty-six (26) [~~twenty-eight-(28)~~] semester credits may be accepted from junior college courses of study in associated health occupations or nursing as electives. These semester hours may be accepted for elective credit only and cannot be substituted for any other pre-professional course requirements.

In order to be considered for admission, the applicant must present:

1. a minimum of a "C" (2.0) grade point average for all courses taken.
2. an average of at least "C" for all courses taken in the combined areas of biology, zoology, physics, chemistry, and mathematics, if taken as an elective.
3. an average of "C" or better in courses taken within each of the following areas: biology, zoology, physics, chemistry, sociology, psychology.

Applicants must accomplish the admission test battery of the Department of Physical Therapy and be interviewed by a person designated by the Department. The test battery and interview will be initiated by the Department for students under consideration.

~~[In order to be considered for admission the student must also accomplish the following:~~

- ~~1. Complete the admission test battery of the Department of Physical Therapy.~~
- ~~2. Be interviewed by a person designated by the Department of Physical Therapy.~~
- ~~3. Present a minimum of an overall "C" (2.0) grade point average; as well as an overall average of "C" in all science courses. In addition, an applicant must have an average of "C" or better in biology and zoology, physics, chemistry, sociology, and psychology.]~~

The student is encouraged to choose courses during the first three (3) years of his college program which will permit him to complete a baccalaureate degree in another field should he not be admitted to the curriculum in physical therapy.

Interested persons already holding academic degrees in other fields are eligible for consideration. They must meet the same requirements as all other applicants and will be granted the same degrees and certificate of proficiency upon successful completion of the program.

Applications will be accepted beginning June 1 of the year preceding the year of expected matriculation and/or upon presentation of at least 60 semester hours of credit of which 16 are in the sciences of biology, chemistry, physics, or mathematics. The ending date for accepting applications is February 28 of the year of matriculation. The Admissions Committee considers applications four times per year. Tentative acceptance is given pending satisfactory completion of prerequisites and maintenance of acceptable grade point average. Assessment of progress is made at the end of each semester prior to matriculation for applicants under consideration and for selected students. Final commitment to acceptance is not given until all admission requirements have been met.

~~[Early provisional acceptance is given to applicants who have completed at least thirty (30) semester credits; who have met items 1. and 2. of the above admission prerequisites and have demonstrated sufficient intent and ability to complete all academic prerequisites with a minimum "C" average in the science courses. Final commitment to acceptance is not given until all admission requirements have been met.~~

~~An applicant who already holds a baccalaureate degree may apply for acceptance into the program as a degree student, (Bachelor of Science in Physical Therapy) or as a Certificate Student, (Certificate of Proficiency in Physical Therapy). An applicant for the certificate must complete all prerequisites, except the English, History and Government requirements.~~

~~For matriculation in the Summer Trimester of 1973, and thereafter, all students must complete the prerequisites for the Bachelor of Science in Physical Therapy.]"~~

Amend The Professional Curriculum section as follows:

(104) "THE PROFESSIONAL CURRICULUM

The curriculum is approved by the Council on Medical Education of the American Medical Association in collaboration with the American Physical Therapy Association. Upon satisfactory completion of the courses, students are eligible to become active members of the American Physical Therapy Association and to apply for state licensure.

~~[The curriculum is approved by the American Physical Therapy Association and the Council on Medical Education of the American Medical Association. Upon satisfactory completion of the courses, students are eligible to become active members of the American Physical Therapy Association.]~~

The physical therapy curriculum, leading to the Bachelor of Science in Physical Therapy and a Certificate of Proficiency in Physical Therapy, consists of three and one-half (3 1/2) trimesters. Matriculation is approximately July 1 of each year. ~~[Opening date for receiving applications is July 1, two (2) years prior to expected matriculation date. Closing date for receiving applications is February 28 of the year of expected matriculation. Applications are reviewed quarterly.]~~

Beginning in the Fall Trimester and continuing in the Spring the student is enrolled in Clinical Education I and II to participate in structured and supervised clinical experiences. These studies are scheduled in The University of Texas Medical Branch Hospitals and off-campus facilities within short driving distance from the campus. During Clinical Education III the student is required to relocate to off-campus facilities for some of these clinical experiences. Relocation and travel is at the student's expense.

Amend the Professional Course Of Study section as follows:

(105) "PROFESSIONAL COURSE OF STUDY

Courses are to be taken in the following sequence. In order for sequence to be altered approval must be obtained from departmental chairman and the Dean of the School of Allied Health Sciences.

SUMMER TRIMESTER - SECOND TERM

		Credits
[4501	Human Anatomy]	[5]
[4302	Human Physiology-I]	[3]
4601	Human Anatomy and Physiology I	6
4238	Fundamental Concepts for Physical Therapy I	2
		<u>8</u>

FALL TRIMESTER

[4203	Human Physiology-II]	[2]
4202	Human Anatomy and Physiology II	2
4541[466]	Dynamics of Human Motion I	5[4]
4308[11]	Clinical Medicine I	3
[4368	Concepts of Health Care-I]	[3]
4239	Fundamental Concepts for Physical Therapy II	2
4443[70]	Therapeutic Concepts and Procedures I	4
4189[72]	Clinical Education I	1
		<u>17</u>

SPRING TRIMESTER

<u>4103</u>	<u>Human Anatomy Laboratory</u>	<u>1</u>
<u>4342</u> [467]	<u>Dynamics of Human Motion II</u>	<u>3</u> [4]
<u>44</u> [3]12	<u>Clinical Medicine II</u>	<u>4</u> [3]
[4469	Concepts of Health Care III	[4]
<u>4240</u>	<u>Fundamental Concepts for Physical Therapy</u> <u>III</u>	<u>2</u>
<u>4444</u> [71]	<u>Therapeutic Concepts and Procedures II</u>	<u>4</u>
<u>4294</u>	<u>Introduction to Research</u>	<u>2</u>
<u>4190</u> [73]	<u>Clinical Education II</u>	<u>1</u>
		<u>17</u> [16]

SUMMER TRIMESTER

<u>4691</u> [74]	<u>Clinical Education III</u>	<u>6</u> "
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Amend the Description Of Courses section as follows:

(106) "DESCRIPTION OF COURSES

These courses are open to Physical Therapy majors only or with consent of the departmental chairman. [~~courses must be taken in the sequence indicated in the professional course of study~~]

(107) Amend course number 4466 as follows:

"4541[466] DYNAMICS OF HUMAN MOTION I 5 credits[~~4 credits~~]
Studies of normal and abnormal human motion with increasing emphasis on evaluation and clinical implications. (3 lec., 6[3] lab. per week). Prerequisites: 46[5]01 Human Anatomy and Physiology I and 4238 Fundamental Concepts for Physical Therapy I."

(108) Amend course number 4467 as follows:

"4342[467] DYNAMICS OF HUMAN MOTION II 3[4] credits
[~~Advanced~~] Presentations of advanced principles of human motion with emphasis on evaluation and management of patients with physical disorders [~~and evaluative and managerial aspects of abnormal human motion and those systems which contribute to effective motor behavior~~]. Continuation of 4541[466]. (2 lec., 3[6] lab. per week)."

(109) Add course number 4238 as follows:

"4238 FUNDAMENTAL CONCEPTS FOR PHYSICAL THERAPY I 2 credits
Lecture, discussion, laboratory and independent study in fundamental concepts needed by the physical therapist for basic patient management. Studies of the terminology of medicine and an introductory preparation for the role of the professional. (1 lec., 3 lab. per week)."

(110) Delete course number 4368 as follows:

"[~~4368~~ ~~CONCEPTS OF HEALTH CARE I~~ ~~3 credits~~
~~lecture, discussion, and laboratory sessions directed toward basic patient care and principles of patient management. Course content designed to develop an understanding of the factors related to the patient's reaction to illness and disability and the physical therapist's professional responsibilities. (2 lec., 3 lab. per week).]~~"

(111) Add course number 4239 as follows:

"4239 FUNDAMENTAL CONCEPTS FOR PHYSICAL 2 credits
 THERAPY II
Lecture, discussion, and laboratory classes directed toward
basic patient care and principles of patient management. Course
content designed to prepare the student for responsibility as a
member of a health care profession. Continuation of 4238. (1 lec.,
3 lab. per week)."

(112) Delete course number 4469 as follows:

"[~~4469~~ ~~CONCEPTS OF HEALTH CARE II~~ ~~4-credits~~
~~Lecture, discussion, and studies with emphasis on preparation~~
~~for professional responsibilities in research, administration,~~
~~community health and planning for comprehensive patient care.~~
~~Continuation of 4368. (3 lec., 3 lab. per week).]"~~

(113) Add course number 4240 as follows:

"4240 FUNDAMENTAL CONCEPTS FOR PHYSICAL 2 credits
 THERAPY III
Lecture, discussion, and laboratory classes with emphasis on
understanding the factors related to the patient's reaction to
illness and disability, and preparation for professional responsibili-
ties in administration, community health and comprehensive care.
Continuation of 4239. (1 lec., 3 lab. per week)."

(114) Amend course number 4470 as follows:

"4443[70] THERAPEUTIC CONCEPTS AND PROCEDURES I 4 credits
Lecture, demonstration, and laboratory classes providing
knowledge, concepts, and skills in the therapeutic and evaluative
procedures of physical therapy. Emphasis is upon skill with the
therapeutic uses of physical energies. (2 lec., 6 lab. per week).
Prerequisites: [4302--Human Physiology-I] 4601 Human Anatomy and
Physiology I and 4238 Fundamental Concepts for Physical Therapy I."

(115) Amend course number 4471 as follows:

"4444[71] THERAPEUTIC CONCEPTS AND PROCEDURES II 4 credits
Lecture, demonstration, and laboratory classes providing
advanced knowledges [and] , skills [of] and evaluative procedures
for developing physical therapy programs for comprehensive care of
patients with sensorimotor disorders [disturbances of motor behavior].
Continuation of 4443[70]. (1 lec., 9 lab. per week)."

(116) Amend course number *4172 as follows:

"*4189[72] CLINICAL EDUCATION I 1 credit
Structured and supervised clinical experience in the practice
of physical therapy. Prerequisite: 4238 Fundamental Concepts
for Physical Therapy I."

(117) Change course number *4173 as follows:

"*4190[73] CLINICAL EDUCATION II 1 credit
Continuation of 4189[72]."

(118) Change course number *4674 as follows:

"*4691[74] CLINICAL EDUCATION III 6 credits
Directed learning experiences and clinical practice. Continuation
of 4190[73]."

(119) Amend footnote to Description Of Courses section as follows:

"*Each Clinical Education course must be successfully passed with a grade point of 2.0 or above prior to the awarding of the degree and[~~for~~] certificate of proficiency."

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON
 THE UNIVERSITY OF TEXAS SCHOOL OF ALLIED HEALTH SCIENCES AT GALVESTON

Delete Courses Of Instruction, Radiologic Technology section as follows:

(120) "[RADIOLOGIC-TECHNOLOGY

~~Robert N. Cooley, M.D., Medical Director~~

~~STATEMENT OF THE PROFESSION~~

~~As part of the radiology team, radiologic technologists play a vital role in the science dedicated to saving lives and alleviating human suffering. They serve as assistants to physicians who specialize in use of x-rays and other forms of radiation to diagnose and treat diseases and injuries.~~

~~Radiologic technologists work in hospitals, clinics, doctors' offices and other health-related institutions and agencies. Within these settings, they perform such tasks as taking x-ray films, preparing them for study and review and filing them for future reference. Radiologic technologists also aid the physician in administering chemical mixtures to the patient in order to make certain organs show up clearly in x-ray examinations.~~

~~THE PROFESSIONAL CURRICULUM~~

~~The two-year course in radiologic technology at The University of Texas Medical Branch is open to men and women who have graduated from an accredited high school and who have at least reached their 18th birthday. In addition, the applicant is required to achieve a satisfactory score on the Scholastic Aptitude Test of the College Entrance Examination Board. Students wishing to enter the curriculum should include courses in physics, chemistry and biology in their high school studies. It is highly desired, though not required, that students complete at least two (2) years college work before entering the curriculum at The University of Texas Medical Branch.~~

~~The two-year course in radiologic technology is approved by the Council on Medical Education of the American Medical Association and the American College of Radiology. The program includes formal presentations of the fundamentals of radiologic technology, demonstrations in anatomy, physiology, radiation physics, and practical application of radiographic procedures, as well as the technical operation of therapeutic equipment.~~

~~Upon completion of all requirements a Certificate of Proficiency is awarded. Graduates are then eligible to take the national examination for registration conducted by The American Registry of Radiologic Technologists. Upon successful completion of this examination, the candidate is eligible for registration and membership in his national professional association and is entitled to use the letters A.R.R.T. (American Registry of Radiologic Technologists) after his name.~~

~~This program will not be offered after July 1, 1972.~~

~~DESCRIPTION OF COURSES~~

~~The Practice of Radiography~~

~~Orientation to and survey of basic principles and practices of Radiologic Technology.~~

Appendicular Skeleton Radiography

Instructions and application of routine and special positions of the vertebral column, pelvis, thoracic cage and shoulder.

Skull and Sinus Radiography

Demonstration and practice of routine and special radiographic positions of the bones and air spaces in the skull and sinus regions.

Radiographic Machines and Circuits

Fundamentals of physics as applied to radiography and orientation to machines and equipment.

Radiographic Physics

Theoretical principles and practice, quality and kinds of radiation.

Anatomy and Physiology

General principles and concepts, including basic landmarks and terminology.

Visceral Radiography

Demonstration and practice of the routine and special radiographic positions in which viscera are visualized by contrast media.

Radiographic Techniques

Study of factors affecting contrast, latitude, definition, density and visualization of detail.

Radiation Physics

Theory of radioactivity and nuclear decay; medical uses of isotopes; x-ray therapy; patient preparation and maintenance of treatment charts.

Surgical Radiography

Demonstration and practice of routine and special radiographic procedures associated with surgery.

***Clinical Practice**

Supervised experience and practical application of principles and practices of radiologic technology.

*Each Clinical Practice course must be successfully passed with a grade point of 2.0 or above prior to the awarding of the certificate proficiency.]"

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL):

1. Cheesebrough-Pond's Inc.
Hospital Products Division
33 Benedict Place
Greenwich, Connecticut 06830

Research Project - Study the Effect of Lypholized Porcine Skin Dressing on Burn Children
\$500
November 1, 1973 until completion of project
Dr. Nick S. Harris
2. Hancock Laboratories Inc.
965 North Tustin Street
Orange, California 92667

Research Grant - Use of ZenodermTM Porcine Epidermal Dressing
\$500
October 1, 1973 until completion of project
Dr. Nick S. Harris
3. The Moody Foundation
704 Moody National Bank Building
Galveston, Texas 77550

Grant No. 73-119
\$250,000
November 1, 1973 through October 31, 1974
To provide the supplemental funding necessary to sustain the current research levels of The Marine Biomedical Institute.
Dr. Stewart Wolf
4. The Moody Foundation
704 Moody National Bank Building
Galveston, Texas 77550

Grant No. 73-141
\$32,500
November 1, 1973 through October 31, 1974
International Symposium on Biochemistry and Metabolism of Gastrointestinal Hormones. This grant will assist in underwriting expenses connected with the recording and publication of the proceedings of the symposium.
Dr. James C. Thompson
5. Jessie Smith Noyes Foundation, Inc.
16 East 34th Street
New York, New York 10016

Fellowships in Ocean Research
\$11,500
Dr. Maurice Ewing
Continuation of an on-going program. (Previously docketed March 29, 1973, Page G-4, Item 6, for the Board of Regents' Meeting of April 24, 1973.)
6. The G. Unger Vetlesen Foundation
80 Pine Street
New York, New York 10005

Research Project - Abyssal Hills Study
\$12,000
October 1, 1973 until completion of project
Dr. Maurice Ewing

M + H

GRANTS, CONTRACTS AND AGREEMENTS (STATE):

1. Application and Notice of Approval, dated October 15, 1973, State Project No. 40-0778 SS, by which the Texas Education Agency, Austin, Texas, provides \$7,630.00, for the period July 1, 1973 through June 30, 1974, for support of the John Sealy School Services (Pediatric Unit). The project is directed by Mr. Bill M. Murray, Assistant Administrator of Hospitals. (This is a renewal of State Project No. 03-0815 SS.)
2. Application and Notice of Approval, dated October 19, 1973, State Project No. 40-0779 SS, by which the Texas Education Agency, Austin, Texas, provides \$11,570.00, for the period July 1, 1973 through June 30, 1974, for continuing a Learning Resources Center in a Hospital Setting for Child and Adolescent Psychiatric Patient. The project is directed by Mr. Bill M. Murray, Assistant Administrator of Hospitals. (This is a renewal of State Project No. 03-0814 SS.)
3. Application and Notice of Approval, dated October 5, 1973, State Project No. 40-0781 SS, by which the Texas Education Agency, Austin, Texas, provides \$10,260.00, for the period July 1, 1973 through June 30, 1974, for the Education of Handicapped Children at the Moody State School. The project is directed by Mr. Clyde A. Damewood, Administrative Director, Moody State School. (This is a renewal of State Project No. 03-0754 SS.)

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTONFEDERAL CONTRACTS AND GRANTSBOARD OF REGENTS' MEETING FEBRUARY 1, 1974

⑩ + 17

1. Department of Health, Education, and Welfare
National Institutes of Health
National Institute of Allergy and Infectious Diseases

Supplemental Agreement No. 3 to Research Contract No. NO1 AI 02101
May 27, 1970 through November 26, 1973
Study of Cholera Toxoids in Human Volunteers
Dr. Willard F. Verwey
This modification extends the performance period for one (1) month through November 26, 1973, without additional funds.
Galveston County

2. Department of Health, Education, and Welfare
National Institutes of Health
National Cancer Institute

Research Grant No. 3 R01 CA 14525-01S1
\$9,520 plus indirect costs
September 1, 1972 through December 31, 1973
Biochemistry of Normal and Leukemic Lymphocytes
Dr. Creed W. Abell
This supplemental award provides four (4) months support and four (4) months extension of time.
Galveston County

3. National Science Foundation

Research Grant No. GA-40488
\$49,700
October 1, 1973 through March 31, 1975
Twenty-four Channel Digital Seismic Investigation of the Sigsbee Scarp. The purpose of this project is to investigate the earth and planets with special emphasis on the world oceans, using geophysical and geological techniques.
Dr. J. Lamar Worzel
This is a new grant award.
Galveston County

4. National Science Foundation

Research Grant No. GD-40764
\$11,100
October 15, 1973 through March 31, 1975
Ship Support for Twenty-four Channel Digital Seismic Investigation of the Sigsbee Scarp
Dr. Maurice Ewing
This is a new grant award.
Galveston County

FEDERAL CONTRACTS AND GRANTS - continued

5. National Aeronautics and Space Administration

Modification No. 7S to Research Contract NAS 9-13143
\$18,692

August 7, 1972 through October 31, 1974

Passive Lunar Seismic Experiment. This contract provides technical support to NASA in evaluating seismic data on moonquakes.

Dr. Gary V. Latham

This modification increases the contract award in the amount of \$18,692, making the total estimated cost of the contract \$590,749. There is no change in the performance period of the contract.

Galveston County

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTONAMENDMENTS TO THE 1973-74 OPERATING BUDGETBOARD OF REGENTS' MEETING FEBRUARY 1, 1974MEDICAL SCHOOLOffice of the Dean of Medicine

1. Accept the resignation of Dr. Joseph M. White, Dean of Medicine at a salary rate of \$54,400 for twelve months (\$41,400 from General Budget and \$13,000 from Capitation Grant), effective December 31, 1973. (RBC 174)
2. Change the status of Dr. Edward N. Brandt, Jr. from Associate Dean of Medicine at a salary rate of \$41,500 (\$38,000 from General Budget and \$3,500 from Capitation Grant) to (Acting) Dean of Medicine at a salary rate of \$45,000 for twelve months (\$41,500 from General Budget and \$3,500 from Capitation Grant), effective October 1, 1973. Additional General Budget funds needed are to come from the departmental non-teaching salaries budget. Dr. Brandt also serves as Professor (part-time), without salary, in the Department of Family Medicine and the Department of Preventive Medicine and Community Health, and as (Acting) Dean of the Graduate School (part-time), without salary, in the Office of the Dean of the Graduate School. (RBC 236)
3. Correct the effective date of appointment for Dr. John V. Connolly, Associate Program Director for Continuing Education at a salary rate of \$28,000 for twelve months, to read September 11, 1973 instead of September 1, 1973. Dr. Connolly also serves as Assistant Professor (part-time), without salary, in the Department of Family Medicine. (RBC 245)
4. Change the title only of Mr. Charles W. Tandy from Administrative Associate to Assistant to the Dean of the Medical School at the same salary rate of \$16,000 for twelve months, effective October 1, 1973. (RBC 259)
5. Appoint Dr. James C. Guckian as Acting Associate Dean for Clinical Affairs (part-time), without salary, effective October 1, 1973. Dr. Guckian also serves as Associate Professor at a salary rate of \$28,000 in the Department of Internal Medicine and as Associate Professor (part-time), without salary, in the Department of Microbiology. (RBC 266)
6. Grant a Faculty Reassignment Leave to Dr. Spencer G. Thompson, Associate Dean of Medicine (part-time) at a salary of \$31,000 for twelve months and change the source of funds from General Budget to DHEW Grant 5E03-PE-00170-08, for the period October 1, 1973 through March 31, 1974. Dr. Thompson also serves as Assistant Professor (part-time) at a salary of \$5,200 in the Department of Pediatrics. Total salary for twelve months, \$36,200. (RBC 279)

Anesthesiology

7. Accept the resignation of Dr. Joseph M. White (Tenure), Professor (part-time), without salary, effective December 31, 1973. (RBC 175)

Dermatology

8. Accept the resignation of Dr. Orville J. Stone, Jr. (Tenure), Professor at a salary rate of \$34,000 for twelve months, effective October 8, 1973. (RBC 190)

Family Medicine

9. Appoint Dr. Edward N. Brandt, Jr. (Tenure) as Professor (part-time), without salary, effective September 1, 1973. Dr. Brandt also serves as Associate Dean of Medicine at a salary rate of \$41,500 in Office of the Dean of Medicine, (Acting) Dean of the Graduate School (part-time), without salary, in the Graduate School, and as Professor (part-time), without salary, in the Department of Preventive Medicine and Community Health. (RBC 154)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - continuedFamily Medicine - continued

10. Correct the effective date of appointment for Dr. John V. Connolly (Non-Tenure), Assistant Professor (part-time), without salary, to read September 11, 1973 instead of September 1, 1973. Dr. Connolly also serves as Associate Program Director for Continuing Education at a salary rate of \$28,000 in the Office of the Dean of Medicine. (RBC 244)

Human Biological Chemistry and Genetics

11. Change the status of Dr. Phillip L. Poffenbarger (Tenure) from Assistant Professor (part-time) to Associate Professor (part-time) without salary, effective September 1, 1973. Dr. Poffenbarger also serves as Associate Professor at a salary rate of \$26,500 in the Department of Internal Medicine. (RBC 212)

12. Appoint Mrs. Muazzez Poffenbarger as Research Coordinator (Multidisciplinary Research Group in Mental Health) at a salary rate of \$15,000 for twelve months, effective September 10, 1973. Funds needed are to come from the Robert C. Lanier Foundation. (RBC 237)

13. Change the status of Dr. Marvin R. Shetlar from Professor (part-time), without salary, to Ad Hoc Professor (part-time), without salary, effective September 1, 1973. Also, change his Tenure status to Without Tenure, effective this same date. (RBC 239)

14. Appoint Dr. Thomas M. Monahan (Non-Tenure) as Lecturer at a salary rate of \$14,500 for twelve months (\$13,500 from DHEW Grant 5E03-PE-00170-08 and \$1,000 from Enzyme Therapy of Neoplasia Grant), effective October 1, 1973. (RBC 250)

15. Appoint Dr. Nick S. Harris (Non-Tenure) as Assistant Professor (part-time), without salary, effective September 1, 1973. Dr. Harris also serves as Assistant Professor at a salary rate of \$21,200 for twelve months in the Department of Surgery. (RBC 260)

16. Delete the name of Dr. Srinivasa B. Achar, Senior Research Investigator at a salary rate of \$9,292 from U. S. Navy Contract. Dr. Srinivasa did not accept his 1973-74 reappointment. (RBC 283)

Internal Medicine

17. Reappoint Dr. Harry Levine (Tenure) as Clinical Associate Professor (part-time), without salary, effective September 1, 1973. Dr. Levine was inadvertently omitted from the budget. (RBC 142)

18. Appoint Dr. Jonathan F. Decherd (Non-Tenure) as Clinical Assistant Professor (part-time), without salary, effective November 1, 1973. (RBC 241)

19. Delete the name of Dr. Edward R. McFadden, Jr. (Tenure), Associate Professor at a salary rate of \$28,000 for twelve months (\$7,529 from General Budget and \$20,471 from DHEW Training Grant - Internal Medicine). Dr. McFadden did not accept his 1973-74 reappointment. (RBC 247)

20. Change the source of funds for Dr. George L. Pauk, (Non-Tenure), Assistant Professor at a salary rate of \$26,500 for twelve months, from DHEW Grant 5E03-PE-00170-08 to General Budget, effective September 1, 1973. General Budget funds needed are to come from the departmental teaching salaries budget. (RBC 254)

21. Reappoint Dr. William H. Hulet (Non-Tenure) as Professor (part-time), without salary, effective September 1, 1973. Dr. Hulet also serves as Chief, Marine Medicine Division at a salary rate of \$32,054 for twelve months in The Marine Biomedical Institute and as Professor (part-time), without salary, in the Department of Physiology. (RBC 255)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - continuedMicrobiology

22. Increase the salary rate of Dr. Rodney F. Smith (Non-Tenure), Associate Professor, from \$19,129 (\$3,929 from General Budget and \$15,200 from Shrine Affiliation Agreement) to \$20,129 for twelve months (\$3,929 from General Budget and \$16,200 from Shrine Affiliation Agreement), effective October 1, 1973. (RBC 273)

Psychiatry

23. Appoint Dr. Donald A. Bosshart (Non-Tenure) as Instructor (part-time), without salary, effective September 1, 1973. Dr. Bosshart also serves as Instructor (part-time), without salary, in the Department of Preventive Medicine and Community Health, as Senior Associate (part-time) at a salary of \$11,500 in Office of Research in Medical Education, and as Faculty Associate - Health Care Sciences (part-time) at a salary of \$4,500 in School of Allied Health Sciences - Health Care Sciences. Total salary for twelve months, \$16,000. (RBC 282)

Neurology

24. Appoint Dr. William F. McCormick (Tenure) as Professor (part-time), without salary, effective September 1, 1973. Dr. McCormick also serves as Professor at a salary rate of \$31,000 in the Department of Pathology. (RBC 166)

Pediatrics

25. Change the status of Dr. Ruth E. Dillard (Non-Tenure) from Assistant Professor (three-fourths time) at a salary rate of \$25,852 to Clinical Assistant Professor (four-fifths time) at a salary rate of \$26,500 for twelve months, effective September 1, 1973. Change the hours from 30 hours to 32 hours. Additional funds needed are to come from the Pediatric Nurse Practitioner Program. (RBC 265)

26. Change the status of Dr. Sally S. Robinson (Non-Tenure) from Clinical Instructor (part-time), without salary, to Clinical Assistant Professor (part-time), without salary, effective October 1, 1973. Dr. Robinson also serves as Clinical Assistant Professor (part-time), without salary, in the Department of Family Medicine. (RBC 267)

27. Change the status of Dr. Margaret J. McGregor (Non-Tenure) from Clinical Assistant Professor (three-fourths time) at a salary rate of \$24,000 to Assistant Professor (full-time) at a salary rate of \$18,000 for twelve months (\$2,000 from the Pediatric Nurse Practitioner Program and \$16,000 from DHEW Grant 5E03-PE-00170-08), effective October 1, 1973. Dr. McGregor has agreed to work full-time at a salary rate of \$18,000. (RBC 269)

28. Grant a Faculty Reassignment Leave to Dr. Spencer G. Thompson (Tenure), Assistant Professor (part-time) at a salary of \$5,200 for twelve months, for the period October 1, 1973 through March 31, 1974. Dr. Thompson also serves as Associate Dean of Medicine (part-time) at a salary of \$31,000 in the Office of the Dean of Medicine. Total salary for twelve months, \$36,200. (RBC 280)

Pharmacology

29. Appoint Dr. John M. Wallace (Tenure) as Professor (part-time), without salary, effective September 1, 1973. Dr. Wallace also serves as Professor at a salary rate of \$29,500 in the Department of Internal Medicine. (RBC 191)

Physiology

30. Appoint Dr. William H. Hulet (Non-Tenure) as Professor (part-time), without salary, effective September 1, 1973. Dr. Hulet also serves as Professor (part-time), without salary, in the Department of Internal Medicine and as Chief, Marine Medicine Division at a salary rate of \$32,054 for twelve months in The Marine Biomedical Institute. (RBC 256)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - continuedPhysiology - continued

31. Appoint Dr. Marvin E. Turbow (Non-Tenure) as Lecturer (one-half time) at a salary rate of \$14,004 for twelve months for the period October 1, 1973 through November 30, 1973. (RBC 257)

32. Appoint Dr. Harold M. Pinsker (Non-Tenure) as Assistant Professor (part-time), without salary, effective September 1, 1973. Dr. Pinsker also serves as Assistant Professor (part-time), without salary, in the Department of Psychiatry and as Member at a salary rate of \$21,000 for twelve months in The Marine Biomedical Institute. (RBC 258)

33. Appoint Dr. Ruth Ashkenazi (Non-Tenure) as Lecturer (part-time), without salary, effective October 1, 1973. (RBC 262)

ALLIED HEALTH SCIENCES SCHOOLSchool of Allied Health Sciences -
Health Care Sciences

34. Appoint Mr. Larry D. Wilson as Adjunct Instructor (part-time), without salary, effective October 1, 1973. (RBC 277)

School of Allied Health Sciences -
Medical Records Administration

35. Change the status of Mrs. Martha L. Spearman from Assistant Professor to Assistant Professor and Assistant Chairman at the same salary rate of \$13,703 for twelve months, effective October 10, 1973. (RBC 275)

School of Allied Health Sciences -
Medical Technology

36. Appoint Dr. Francis M. Urry as Adjunct Instructor (part-time), without salary, effective September 1, 1973. Dr. Urry also serves as Instructor (part-time) at a salary of \$801 in the Department of Pathology and as Clinical Toxicologist (part-time) at a salary of \$13,734 in Clinical Laboratory and at a salary of \$4,095 in Clinical Laboratory - Sealy and Smith. Total salary for twelve months, \$18,630. (RBC 263)

School of Allied Health Sciences -
Physical Therapy

37. Change the status of Miss Shirley L. Hill (Non-Tenure) from Adjunct Instructor (part-time), without salary, to Instructor (one-half time) at a salary rate of \$12,000 for twelve months, effective October 1, 1973. Funds needed are to come from the departmental teaching salaries budget. (RBC 246)

GRADUATE SCHOOLOffice of the Dean of Graduate School

38. Appoint Dr. Edward N. Brandt, Jr. as (Acting) Dean of Graduate School (part-time), without salary, effective September 1, 1973. Dr. Brandt also serves as Associate Dean of Medicine at a salary rate of \$41,500 in Office of the Dean of Medicine, Professor (part-time), without salary, in the Department of Family Medicine and the Department of Preventive Medicine and Community Health. (RBC 155)

UNIVERSITY HOSPITALSOffice of the Vice President for
Hospital Affairs

39. Increase the salary rate of Mr. Charles R. Miller, Associate Administrator of Hospitals, from \$22,700 to \$24,500 for twelve months, effective October 1, 1973. Additional funds needed are to come from Unallocated Appropriations - Hospitals. (RBC 249)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - continuedOffice of the Vice President for
Hospital Affairs - continued

40. Increase the salary of Mr. Robert E. Lewis (part-time) from a salary of \$5,221 to \$5,471 for twelve months, effective October 1, 1973. Additional funds needed are to come from Unallocated Appropriations - Hospitals. Mr. Lewis also serves as Associate Administrator of Hospitals (part-time) at a salary of \$17,729 in Office of the Vice President for Hospital Affairs - Sealy and Smith. Total salary for twelve months, \$23,200. (RBC 248)

Credit and Collections

41. Appoint Mr. Donald P. Stevens as Director of Credit and Collections at a salary rate of \$14,000 for twelve months, effective October 15, 1973. Funds needed are to come from Administrative and General Expense. (RBC 271)

Staff Development

42. Appoint Mrs. Peggy S. Neas as Director, Staff Development (part-time) at a salary of \$9,750 for twelve months, effective October 1, 1973. Funds needed are to come from the departmental non-teaching salaries budget. Mrs. Neas also serves as Director, Staff Development (part-time) at a salary of \$3,250 in Staff Development - Sealy and Smith. Total salary for twelve months, \$13,000. (RBC 278)

Pharmacy

43. Change the status of Mr. Kenneth B. Corley from Resident at a salary rate of \$7,842 to Pharmacist I at a salary rate of \$11,016 for twelve months, effective October 1, 1973. Funds needed are to come from the departmental classified salaries budget. (RBC 264)

Radiology Service

44. Increase the salary of Mr. Samuel J. Levine, Electronics Engineer (one-half time) from \$7,238 to \$7,500 for twelve months, effective October 1, 1973. Additional funds needed are to come from the departmental unallocated salaries. Mr. Levine also serves as Electronics Engineer (one-half time) at a salary of \$7,500 in Radiology Service - Sealy and Smith. Total salary for twelve months, \$15,000. (RBC 252)

THE MARINE BIOMEDICAL INSTITUTEThe Marine Biomedical Institute

45. Appoint Dr. William P. Fife as Adjunct Member (part-time), without salary, effective September 1, 1973. (RBC 270)

LIBRARIESMedical Branch Library

46. Appoint Mr. Emil F. Frey as Director of Library Services and Associate Professor of Library Sciences at a salary rate of \$34,500 for twelve months (\$24,300 from General Budget and \$10,200 from DHEW Grant 5E03-PE-00170-08), effective October 1, 1973. General Budget funds needed are to come from the departmental non-teaching salaries budget. (RBC 251)

47. Correct the effective date of resignation of Miss Mary O. Santis, Cataloger at a salary rate of \$9,409 for twelve months, to read October 8, 1973 instead of September 30, 1973. (RBC 253)

48. Change the status of Mr. Dohn H. Martin, Assistant Librarian - Systems Development, from part-time to full-time at the same salary rate of \$15,350 for twelve months for the period September 1, 1973 through December 31, 1973. (RBC 268)

49. Appoint Miss Pauline Power as Acquisitions Librarian at a salary rate of \$13,200 for twelve months, effective November 1, 1973. Funds needed are to come from the departmental non-teaching salaries. (RBC 272)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - continuedMedical Branch Library - continued

50. Appoint Mr. John M. Smith as Associate Director, Technical Services and Faculty Associate at a salary rate of \$20,000 for twelve months, effective October 15, 1973. Funds needed are to come from DHEW Grant 5D08-PE-00170-08. (RBC 274)

SEALY & SMITH FOUNDATION HOSPITALSOffice of the Vice President for
Hospital Affairs - Sealy and Smith

51. Increase the salary of Mr. Robert E. Lewis, Associate Administrator of Hospitals (part-time), from \$16,979 to \$17,729 for twelve months, effective October 1, 1973. Additional funds needed are to come from Unallocated Appropriations - Hospitals. Mr. Lewis also serves as Associate Administrator of Hospitals (part-time) at a salary of \$5,471 in Office of the Vice President for Hospital Affairs. Total salary for twelve months, \$23,200. (RBC SS 4)

Staff Development -
Sealy and Smith

52. Appoint Mrs. Peggy S. Neas as Director, Staff Development (part-time) at a salary of \$3,250 for twelve months, effective October 1, 1973. Funds needed are to come from the departmental non-teaching salaries budget. Mrs. Neas also serves as Director, Staff Development (part-time) at a salary of \$9,750 in Staff Development. Total salary for twelve months, \$13,000. (RBC SS 6)

Radiology Service -
Sealy and Smith

53. Increase the salary of Mr. Samuel J. Levine, Electronics Engineer (one-half time) from \$7,238 to \$7,500 for twelve months, effective October 1, 1973. Additional funds needed are to come from the departmental unallocated salaries. Mr. Levine also serves as Electronics Engineer (one-half time) at a salary of \$7,500 in Radiology Service. Total salary for twelve months, \$15,000. (RBC SS 5)

TRANSFER OF FUNDS

54. From: Unallocated Appropriations - Hospitals \$7,901.11

To: Office of Patient Finance:
Classified Salaries \$7,901.11

For: This transfer will provide funds for the creation of a new position of Clerk I at a salary rate of \$4,464 for twelve months, effective October 22, 1973 and a new position of Clerk-Typist I at a salary rate of \$4,620 for twelve months, effective October 15, 1973.

(RBC 276)

55. From: Unallocated Appropriations - Instructional \$2,126.08

To: Dermatology:
Classified Salaries \$2,126.08

For: This transfer will provide funds for the change in source of funds for one (1) Medical Technologist II (part-time), effective October 1, 1973.

(RBC 261)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - continuedTRANSFER OF FUNDS - continued

56. From: Physiology:
Maintenance and Operation \$1,000.00

To: Physiology:
Travel \$1,000.00

For: This transfer will provide funds for
Dr. Charles E. Hall, Professor, to lecture
for the International Study Group for
Steroid Hormones in Rome, Italy, from
December 3 through 7, 1973.

(RBC 281)



THE UNIVERSITY OF TEXAS
HEALTH SCIENCE CENTER AT HOUSTON
1100 HOLCOMBE BOULEVARD
TEXAS MEDICAL CENTER

OFFICE OF THE PRESIDENT

December 7, 1973

P.O. Box 20036
Houston, Texas 77025

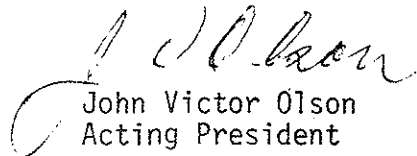
Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado St.
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the February 1, 1974 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,


John Victor Olson
Acting President

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON

DOCKET

Board of Regents' Meeting February 1, 1974

F

CHANGE IN REGULATIONS GOVERNING USE OF MEMORIAL LOAN FUND AT THE HOUSTON HEALTH SCIENCE CENTER, DENTAL BRANCH: Approval is respectfully requested for the following changes in the regulations on the use of the Memorial Loan Fund at the Houston Health Science Center, Dental Branch. The loan fund was established by the Board of Regents in May, 1954, Meeting No. 540.

A maximum of (~~\$500.00~~) \$1,000.00 is allowed for one student (~~;-with-a-maximum-of-\$300.00~~) during any one academic year. (~~There-is-no-limit-to-the-number-of-loans-within-any-particular-period.~~) The money may be loaned in the following manner:

1. 120 day period without interest.

(~~The-interest-of-2½%-is~~)

2. At an interest rate of 5% per annum to be paid annually, the first payment to be made twelve (12) months after graduation.

The student will sign a promissory note, with sureties required at (~~option~~) the discretion of the Loan Committee. Ten percent (10%) of the unpaid principal and interest will be added in case of default. The Loan Committee will consist of the Dean (~~;-Business-Manager;-~~) and (~~appointed~~) faculty members appointed to the Loan Committee from the Dental Branch (~~;-The-Loan-Committee~~); it will (~~take~~) receive applications (and will), review and (approve) determine approval for the loans. (~~The-Dean-and-the-Business-Manager-will-sign-all-checks,-but-the-deposits~~) Deposits and funds (are-to) will be kept in the name of The University of Texas Health Science Center at Houston, Dental Branch, Memorial Student Loan Fund in such bank as is designated by the Board of Regents. Loan collections should be made by the Dental Branch and said collections shall be deposited in the bank account for said fund. Uncollectable loans (~~and/or-notes~~) are to be charged to the Loan Fund.

GIFTS: Approval is respectfully requested for the acceptance of the following gifts.

HOUSTON MEDICAL SCHOOL

<u>Donor</u>	<u>Purpose and Condition</u>	<u>Amount</u>
1. Jewish Family Service 4131 So. Braeswood Houston, Texas 77025 Mrs. Ruth Hutton Fred, Executive Director	To establish the Leo M. Levy Memorial Fund to provide interest free loans of up to \$100 to medical students for emergencies.	\$ 5,000.00
2. Mrs. P. E. Turner 950 Houston Club Building Annex Houston, Texas 77002	To assist in the renovation and re-equipping of the Neonatal Unit of Hermann Hospital and The University of Texas Medical School at Houston.	550 shares of \$7 PV capital stock of the Exxon Corporation.
	Value of stock at close of market on date of gift, October 26, 1973.	\$52,662.50

Mues

PUBLIC HEALTH SCHOOL CATALOG: Approval is recommended for the following catalog revisions and additions for the academic year 1974-75.

(1) Revision of THE ACADEMIC CALENDAR, 1974-75 as follows:

Sept. 16	Orientation
Sept. 17-20	Registration for Fall Quarter
Sept. 23	Instruction begins
Nov. 28-29	Recess (Thanksgiving)
Dec. 6	Instruction ends
Dec. 9-13	Evaluation period/Registration for Winter Quarter for continuing students
Dec. 14-Jan. 1	Recess (Christmas and New Year's)
Dec. 30	Registration for Winter Quarter for new students
Jan. 2	Instruction begins
March 14	Instruction ends
March 17-21	Evaluation period/Registration for Spring Quarter
March 24	Instruction begins
March 28	Recess (Good Friday)
April 21	Recess (San Jacinto Day)
May 26	Recess (Memorial Day)
May 30	Instruction ends
June 2-6	Evaluation period
June 9	Graduation Day
June 10-18	Recess
June 19-20	Registration for Summer Quarter
June 23	Instruction begins
July 4	Recess (Independence Day)
August 27	Recess (LBJ's Birthday)
August 29	Instruction ends
Sept. 1	Recess (Labor Day)
Sept. 2-5	Evaluation period
Sept. 6-21	Recess
Sept. 22-26	Registration for Fall Quarter
Sept. 29	Instruction begins (1975-76)

Additional information regarding deadlines for completion of theses and project reports can be found on page 32.

(2) Revision of TABLE OF CONTENTS as follows:

For further information write:
 Office of Student Records (~~Registration~~)
 The University of Texas Health Science
Center at Houston
 School of Public Health
 P. O. Box 20186
 Houston, Texas 77025

(3) Revision of GENERAL INFORMATION

HOUSTON CAMPUS Section, Paragraph 1, Sentence 2, page 1.
 The medical sciences are represented by the Health Science Centers (~~Schools of Medicine~~) in Galveston, Dallas, (~~and~~) San Antonio, and (~~the~~) units in Houston.

(4) Revision of the listing of THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON

ADMINISTRATIVE COUNCIL Section

J. V. Olson, D.D.S., M.S., Acting President (~~7~~)
 (~~The University of Texas Health Science Center at Houston~~)

G. C. Franklin, B.B.A., Vice-President for Business Affairs [~~7~~]
~~[The University of Texas Health Science Center at Houston]~~
 Robert D. Moreton, B.S., M.D., Vice-President for Professional
 and Developmental Affairs [~~7~~]
~~[The University of Texas Health Science Center at Houston]~~
 Tina Bangs, B.A., M.A., Ph.D., [~~Acting~~] Director,
 Speech and Hearing Institute
Alton Hodges, B.S., M.Ed., Dr.P.H., Acting Dean,
School of Allied Health
 Alfred Knudson, M.D., Ph.D., Dean,
~~[Houston]~~ Graduate School of Biomedical Sciences
 Ben C. McKinney, B.S., LL.B., D.D.S., Acting Dean,
~~[Houston]~~ Dental Branch
 Cheves McC. Smythe, M.D., Dean, ~~[Houston]~~ Medical School
 Reuel Stallones, M.D., M.P.H., Dean,
 School of Public Health [~~Public Health School~~]
 H. Grant Taylor, A.B., M.A., M.D., Director,
~~[Houston]~~ Division of Continuing Education
 R. Lee Clark, B.S., M.D., President,
 The University of Texas Cancer Center
 Dan Kadrovach, B.S., M.S., Director
 Hermann Hospital

- (5) Revision of THE SCHOOL OF PUBLIC HEALTH Officers of
 Administration, page 4

Elizabeth Chadderdon, B.A., M.P.H., Assistant to the Dean
for Placement
Marjorie Forster, Assistant to the Dean for Grants
Management
Morris R. Loden, B.B.A., Assistant to the Dean for
Administration
Lois B. Monroe, B.B.A., Assistant to the Dean for
Student Records

- (6) Revision of FACULTY, pp. 5-10

Irina Cechova, Assistant Professor of Environmental
Health; M.S., State Univ., Moscow, 1961; Ph.D.,
The Univ. of Texas, 1973.

Ernst M. Davis, Associate [~~Assistant~~] Professor of Environmental
 Health; B.A., North Texas State Univ., 1956; M.A., North Texas
 State Univ., 1962; Ph.D., Oklahoma Univ., 1966.

~~[Virgilie Escutia, Assistant Professor of Microbiology; B.A.,~~
~~The Univ. of Texas, 1954; M.P.H., Univ. of Michigan, 1963;~~
~~Dr.P.H., Univ. of North Carolina, 1969.]~~

C. Morton Hawkins, Associate [~~Assistant~~] Professor of Biometry;
 B.S., Univ. of Oklahoma, 1960; M.P.H., Univ. of Michigan,
 1962; Sc.D., Tulane Univ., 1969.

~~[Jack Hayes, Instructor of Pathobiology; B.S., Eastern Illinois~~
~~Univ., 1960; M.S., Southern Illinois Univ., 1962.]~~

Stephanie Z. Normann, Librarian; B.A., Hood College, 1956;
M.S.L.S., Case Western Reserve Univ., 1969.

~~[Galvin B. Olsen, Assistant Research Geographer]~~

Lewis H. Roht, Assistant Professor of Epidemiology; B.S.,
Union College, 1960; M.D., New York Medical College,
1964; M.P.H., Johns Hopkins Univ., 1970.

Janet Schreiber, Assistant Professor of Anthropology; B.A.,
Univ. of California, Los Angeles, 1968; M.A., Univ. of
California, Berkeley, 1970.

Dorothy M. Tuttle, Associate Research Health Planner; B.S., Univ. of New Hampshire, 1942; Ph.D., Univ. of Rochester, 1947; M.P.H., The Univ. of Texas, 1973.

(7) Revision of ADJUNCT FACULTY, pp. 10-14

James E. Anderson, Ph.D., Adjunct Associate Professor of Environmental Health; Johnson [Manned] Space [Spacecraft] Center, National Aeronautics and Space Administration.

Paul A. Ballonoff, A.B., M.A., Ph.D.
Adjunct Assistant Professor of Population Genetics;
Center for Demographic and Population Genetics,
Graduate School of Biomedical Sciences, The Univ. of
Texas Health Science Center at Houston.

Charles M. Barnes, D.V.M., Ph.D., Adjunct Professor of Comparative Pathology; Chief, Radiological Health Team, Johnson [Manned] Space [Spacecraft] Center, National Aeronautics and Space Administration.

Charles A. Berry, M.D., Adjunct Professor of Aerospace Medicine; Director for Life Sciences [Medical Director, Manned-Spacecraft Center], National Aeronautics and Space Administration.

Ranajit Chakraborty, B.S., Ph.D.
Adjunct Assistant Professor of Population Genetics;
Center for Demographic and Population Genetics,
Graduate School of Biomedical Sciences, The Univ. of
Texas Health Science Center at Houston.

~~[Charles E. Fuller, D.V.M., M.P.H.~~
~~Adjunct Associate Professor of Environmental Health;~~
~~Manned-Spacecraft Center, National Aeronautics and Space~~
~~Administration.]~~

Garrett R. Graham, A.B., M.H.A.
Adjunct Assistant Professor of Administrative Sciences;
Executive Director, Greater Houston Hospital Council.

James L. McQueen, D.V.M., Dr. P.H.
Adjunct Associate Professor of Environmental Health; Johnson [Manned] Space [Spacecraft] Center, National Aeronautics and Space Administration.

Robert D. Moreton, M.D.
Adjunct Professor of Radiological Health; Vice-President for Professional and Developmental ~~[Public] Affairs, The University of Texas Health Science Center at Houston. [M.D.-Anderson Hospital and Tumor Institute.]~~

Neil K. Weaver, M.D.
Adjunct Associate Professor of Occupational Medicine;
~~[Associate-Medical] Director, Environmental Affairs-Medical,~~
American Petroleum Institute. [Humble-Oil-&-Refining-Company.]

Jorge A. Veronelli, B.A., M.D., Ph.D.
Adjunct Associate Professor of Microbiology; Private Practice
of Pediatrics.

(8) Revision of ADMISSION PROCEDURES, p. 15

Line 2.

Persons wishing to enroll in the School of Public Health are requested to submit to the Office of Student Records [Registration]:

Paragraph 4, line 6.

Further information may be obtained by writing to the Testing Center, The University of Texas, Austin, Texas, or from the Student Records [Registration] Office of this School.

Paragraph 5, line 3 and 5.

If the applicants [~~applicant~~] wish [~~wishes~~] for these to be returned after review by the Admissions Committee, they [~~he~~] should indicate this.

- (9) Revision of TUITION AND FEES, Paragraph 5, Sentence 1, p. 16.

In general, residence in Texas for a person over eighteen [~~twenty-one~~] years of age is established if he has been employed within the State for a period of at least twelve months prior to registration in The University.

- (10) Revision of STUDENT FINANCIAL ASSISTANCE Section, p. 17, revised as follows:

The School administers funds to support a limited number of traineeships and employment opportunities. Traineeships and part-time jobs are assigned according to merit and need. Applicants who desire support should submit an application for financial assistance. Traineeship or job opportunities are usually allocated during the summer for [~~preceeding~~] the following academic year. Each applicant will be notified of action on his request at the earliest possible date.

~~[The traineeships start at a base of approximately \$2,400 per year, prorated over the academic year, and increase according to prior education, experience, and number of dependents. Trainees must be United States citizens, or foreign nationals having in their possession a visa permitting permanent residence in the United States.]~~ Traineeships consist of a monthly stipend plus an allowance for tuition, and are restricted to United States citizens, or foreign nationals having in their possession a visa permitting permanent residence in the United States. They may be granted to full-time students only. Trainees are expected to perform only such work as would be an integral part of their training programs.

~~[Part-time employment provides \$250 or more per month throughout the academic year. The nature of employment opportunities depends upon the major academic interests of students.]~~

- (11) Revision of HOUSING, Paragraph 2, Sentences 2 & 4, p. 17.

Reservations for space in Favrot Hall are usually filled [~~made~~] quite far in advance. Rental is approximately \$60 per person per month. Applications can be obtained through the Office of Student Records [~~Registration~~], The University of Texas School of Public Health.

- (12) Revision in ACADEMIC PROGRAMS, Paragraph 3, Sentences 7 & 8, p. 18.

A student may fulfill the requirements for M.P.H. or Dr.P.H. degrees in any of the teaching-research units; for each [~~programs. Each~~] is planned to contain the requisite breadth of faculty interests and skills to serve the needs of students interested in community health practice.

- (13) Revision of THE UNIVERSITY OF TEXAS SCHOOL OF PUBLIC HEALTH - MODULES MATRIX, p. 20, as shown on the following page:

THE UNIVERSITY OF TEXAS SCHOOL OF PUBLIC HEALTH
MODULES MATRIX

DISCIPLINES	PROBLEM ORIENTED TEACHING-RESEARCH PROGRAMS				
	Health Services	Urban Health	Population Studies	International Health	Disease Control
Administrative Sciences	Bird Loe Grimes* Tuttle	Cardin Kennedy	Sterner	<u>Siegel</u>	
Behavioral Sciences	Justice McCroory	Martin Rush	Bradshaw* Roberts	Walker	Schreiber
Biological & Physical Sciences	Skrovan*	Heideman Stanford	Hacker Schull		Boyd <u>Scanlon</u>
Biometry	Forthofer Glasser Hemphill	Harrist <u>Littell</u>	<u>Frankowski</u> Lee	Hawkins Downs	Bray, Hsi Napier Remington*
Environmental Sciences	Chambers* Gesell	Severs Smolensky	Sargent	Pier Cechova	Davis Steele
Epidemiology	Askew <u>Oseasohn</u>	Stallones	Roht	Bennett*	Labarthe Sakellarides

n.b. The persons whose names are underlined are designated as Module Conveners, to provide an explicit mechanism for communications within the modules. The persons whose names are marked by asterisks are the Discipline Conveners.

Revisions in THE TEACHING RESEARCH UNITS

(14) DISEASE CONTROL

The Problem: A central mission of organizations concerned with public health is, and will continue to be, the control of human disease. In the more developed nations, including the United States, chronic diseases are the major causes of death and disability. For many ~~or most~~ of these, our ~~diseases~~ basic knowledge is not sufficient to develop effective ~~[lacking on which]~~ measures for prevention or control. ~~[might be based on]~~ Further, despite the great successes that have attended infectious disease control activities in the last century, serious problems remain even in the more industrialized societies; and elsewhere, particularly in the tropics, infectious diseases are major causes of human morbidity and mortality. To understand disease processes and to develop ways to deal with them require the efforts of microbiologists, entomologists, parasitologists, epidemiologists, behavioral scientists, biometricians and others, acting not only as individual experts but also as participants in an integrated, cooperative effort.

Discipline	Disease Control Staff
Administrative Sciences	<u>[Virgilio-Escutia]</u>
Behavioral Sciences	<u>Janet Schreiber</u>
Biological & Physical Sciences	Kenneth C. Boyd <u>[Jack-Heyes]</u> John E. Scanlon
Biometry	Hubert Bray Bartholomew P. Hsi John A. Napier Richard D. Remington
<u>Environmental Sciences</u>	<u>Ernst M. Davis</u> <u>James H. Steele</u>
<u>Epidemiology</u>	<u>Darwin R. Labarthe</u>

- (15) Revise the DISEASE CONTROL Unit list of major research topics, pp. 21-22, as follows:

Anthropology of Health and Diseases
Arthropod-Borne [Virus] Diseases
 Bacterial Diseases
 Behavioral Disorders
 Bioassay
 Cancer
 Cerebral Vascular Disease [Diseases]
 Community Mental Health
Comparative Medical Systems
 Coronary Artery Disease [Diseases]
 Hypertension
 Laboratory Methods
 Mosquito Bionomics
 Parasitic Diseases
Water Quality
Zoonoses

- (16) Delete the entire ENVIRONMENTAL HEALTH UNIT, pp. 22-23.

[ENVIRONMENTAL-HEALTH

~~The Problem:--Among the problems confronting us are those related to the accelerating changes in the human environment induced by natural processes and especially by technological means of energy and material resource exploitation.--Rates of environmental change tend to surpass rates of biological adaptation with serious potential consequences for the health of human populations. There is need for improved understanding of the dynamic interrelations contributing to the state of the ecologic system in order to identify strategies of environmental management and human behavior likely to promote human well-being.~~

<u>Discipline</u>	<u>Environmental Health Staff</u>
<u>Administrative Sciences</u>	<u>Valliant G. Baird</u>
<u>Behavioral Sciences</u>	
<u>Biological & Physical Sciences</u>	<u>Leslie A. Chambers</u>
	<u>Ernst M. Davis</u>
	<u>Thomas F. Gesell</u>
	<u>Stanley M. Pier</u>
	<u>Richard K. Severs</u>
	<u>Michael H. Smolensky</u>
	<u>James H. Steele</u>
<u>Biometry</u>	<u>Thomas D. Downs</u>
	<u>Ronald H. Hirst</u>
<u>Epidemiology</u>	<u>Constantino F. Sakelliarides</u>

~~Major Research Topics:~~

~~Air Pollution
 Chronobiology
 Occupational Health & Industrial Hygiene
 Chemical Contamination of the Environment
 Radiation Hazards
 Water Quality
 Estuarine Pollution
 Veterinary Public Health
 Environmental Physiology
 Environmental Systems Analysis
 Remote Sensing of Environmental Change
 Environmental Resources]~~

- (17) Revise the Staff Listing of the HEALTH SERVICES Unit, pp. 23-24, as follows:

<u>Discipline</u>	<u>Health Services Staff</u>
Administrative Sciences	<u>Valliant C. Baird</u> Hardy Loe, Jr. Richard M. Grimes Dorothy M. Tuttle
Behavioral Sciences	D. Blair Justice Owen F. McCrory
Biological & Physical Sciences	Clarence Skrovan
Biometry	Ronald N. Forthofer Jay H. Glasser Fay M. Hemphill
<u>Environmental Sciences</u>	<u>Leslie Chambers</u> <u>Thomas Gesell</u>
Epidemiology	Cornelius Askew, Jr. Robert O. Oseasohn

- (18) Revise the HEALTH SERVICES Unit list of major research topics as follows:

Major Research Topics:

Air Pollution
Community Health Services
Comprehensive Health Planning
Health Manpower
Management Principles
Personal Health Services Systems
Quantitative Methods in Health Services Research
Radiation Health
Violence

- (19) INTERNATIONAL HEALTH AND ETHNIC STUDIES Unit.

Paragraph 1, sentence 3, p. 24.

Comparative studies of community health in different cultures are necessary [~~critical~~] to develop improved understanding of ultimate solutions of these problems.

- (20) Revise the Staff Listing of the INTERNATIONAL HEALTH AND ETHNIC STUDIES Unit as follows:

<u>Discipline</u>	<u>International Health Staff</u>
Administrative Sciences	Milton P. Siegel [Virginia G. Kennedy]
Behavioral Sciences	George M. Walker, Jr.
Biological & Physical Sciences	
Biometry	<u>Thomas Downs</u> C. Morton Hawkins
<u>Environmental Sciences</u>	<u>Irina Cechova</u> <u>Stanley M. Pier</u>
Epidemiology	Stephen W. Bennett

- (21) Revise the INTERNATIONAL HEALTH AND ETHNIC STUDIES Unit list of major research topics as follows:

Major Research Topics:

Development and Environmental Pollution

Health Service Systems in Different Cultural Settings
 Migration, Stress, and Disease
 Transcultural Communication
 Trans-national Health Services Systems Demonstration
 Areas
 Trans-national Health Planning Systems
Water Resources Management

- (22) POPULATION STUDIES Unit.
 Revise the Staff Listing p. 25 as follows:

<u>Discipline</u>	<u>Population Studies Staff</u>
<u>Administrative Sciences</u>	James H. Sterner
<u>Behavioral Sciences</u>	Benjamin S. Bradshaw Robert E. Roberts
<u>Biological & Physical Sciences</u>	Carl S. Hacker [Galvin B. Olson] [Frederick Sargent, II] William J. Schull
<u>Biometry</u>	Ralph F. Frankowski Eun Sul Lee
<u>Environmental Sciences</u>	<u>Frederick Sargent, II</u>
<u>Epidemiology</u>	<u>Lewis Roht</u>

- (23) Revise the POPULATION STUDIES Unit list of major research topics as follows:

Major Research Topics:

Comparative Demography of Minority Groups
 Evaluation of Family Planning Services
Health Effects of Pregnancy Termination
 International Comparative Demography
 Models of Population Dynamics
 Population Genetics
 Human Biological Variation

- (24) URBAN HEALTH

Paragraph 1, Sentence 2, p. 26.

Thus, urban health is concerned with the interactions between man and [the] urban ecosystems, and with development and management of these interactions so as to promote human health.

- (25) Revise the Staff Listing of the URBAN HEALTH Unit p.26, as follows:

<u>Discipline</u>	<u>Urban Health Staff</u>
<u>Administrative Sciences</u>	Michael Cardin <u>Virginia Kennedy</u>
<u>Behavioral Sciences</u>	David W. Martin Marjorie N. Rush
<u>Biological & Physical Sciences</u>	M. Lawrence Heideman Geoffrey B. Stanford
<u>Biometry</u>	<u>Ronald Harrist</u> Arthur S. Littell
<u>Environmental Sciences</u>	<u>Richard Severs</u> <u>Michael Smolensky</u>
<u>Epidemiology</u>	<u>Reuel A. Stallones</u>

- (26) Revise the URBAN HEALTH Unit list of major research topics as follows:

Major Research Topics:

Air Pollution
Biological Rhythms
 Health Services Systems
 Management of Urban Environments
 Urban Design
 Metropolitan Migration and Settlement Patterns
 Relationship between Urban Factors & the Health Status
 of Metropolitan Populations
 Inner-city Problems and Services

(27) DEGREE PROGRAMS

Master of Public Health Section, Paragraph 4 under Degree Requirements, p. 28.

A typical program might [~~would~~] be [~~as-follows~~]:

(28) Doctor of Public Health Section, revise the list of major areas of concentration.

major areas of concentration are:

Disease Control
 Comprehensive Health Planning
 [~~Environmental-Health~~]
 Health Services Administration
 International Health
 Occupational Health
 Population Health
 Urban Health

(29) ADDITIONAL INFORMATION CONCERNING DEGREE PROGRAMS Section. Paragraph 1, Sentence 1, p. 31.

Information and material concerning a particular degree program are distributed by the Office of Student Records [~~Registration~~] upon request. When making an inquiry, specify the degree program and the field of concentration or the teaching-research program of your interest.

(30) THESIS OR PROJECT COMPLETION Section, p. 33.

Guidelines to assist in the preparation of theses or project reports are available in the School of Public Health library. Final drafts of theses or project reports should be handed to evaluation committee members no later than three weeks before the last day of instruction of the quarter in which the student expects to graduate.

Two signed copies of theses or project reports prepared according to the guidelines should be given to the Office of Student Records [~~Registration~~] no later than the Monday of the last week of the quarter. Reports should be accompanied by memoranda signed by evaluation committee members stating that the student has completed all the degree requirements and award of the degree is recommended.

Students intending to graduate in June should inform the Office of Student Records [~~Registration~~] by May 9 about the form in which they wish their names to appear on their diplomas. Students planning to graduate at other dates should inform the Office of Student Records [~~Registration~~] about the preparation of their diplomas at the time their theses or project reports are filed.

Faculty advisors for those students who will graduate in June should notify the Office of Student Records [~~Registration~~] of this in addition to the correct titles of students' reports by May 9 [15].

(31) COURSES OF INSTRUCTION, pp. 35-50. Revise as follows:

PH 350 The Biology of Population
Hacker

The structure and dynamics of populations will be considered. Emphasis will be on vector and reservoir host populations of human disease agents. Analysis of the distribution of organisms, estimation of population size, growth of populations, life table construction and analysis, competition and host-parasite models, and elementary population genetics will be covered.

PH 360 Human Nutrition
Sargent

This course emphasizes human and public health nutrition. The major topics considered are (1) biological productivity and nutrient requirements, (2) assessment of nutrition status, (3) determination of nutrient requirements, (4) syndromes of malnutrition particularly significant in public health, (5) food additives, substitutes, and contaminants, (6) food faddism, and (7) human nutrition in ecological context.

PH 365 Topics in Human Ecology
Sargent

The evaluation and human development of a domesticated plants specie such as maize, wheat, or rice will be traced and the role of the plant in human cultural development will be studied.

PH 389 Individual Study in Population
The Faculty in Population Studies

May be repeated for credit.

PH 501 Natural History of Disease
The Faculty in Disease Control

Infectious and chronic diseases, their nature and control. Primary emphasis will be placed on disease processes such as host-parasite relationship, and the mechanism of neoplasia and atherosclerosis.

PH 511 Public Health Microbiology
The Faculty in Disease Control [Eseutia]

Laboratory approaches in the diagnosis, control, and treatment of infectious disease of man. Lectures and laboratory dealing with diagnostic procedures used in public health laboratories with emphasis upon bacteriology and syphilis serology.

PH 513 Infectious Diseases in Community Health
The Faculty in Disease Control [Boyd-and-Staff]

Study of basic principles of infectious diseases including the nature of organisms associated with disease, the relationship between the agent and host resulting in infection and disease, and methods of prevention and control.

PH 514 Immunology
The Faculty in Disease Control [Boyd]

Basic principles and concepts in immunology in order to provide a background for understanding immune phenomena as they are related to public health. Laboratory exercises are planned to demonstrate several of these principles and to familiarize the student with basic serologic tests used in the detection of antigen-antibody reactions.

PH 798 Special Topics in Behavioral Sciences
The Faculty in Behavioral Sciences

Topics vary from quarter to quarter to provide intensive study of selective social-behavioral science topics or specific methods of analysis in the field of public health. PH 798 is intended for students with either a major or minor in social-behavioral science and may be repeated for credit. Topics include:

Violence as a Public Health Problem

~~[Social-Status-and-Its-Measurement-in-Health-Research]~~

~~[Behavioral-Models-of-Health-Services-Use]~~

Community Power Structure

Social Mobility and Migration

The Politics of Community Health

Cross-Cultural Considerations in Public Health

Organizational Behavior

Social Factors & Health Status

Social Factors & Health Behavior

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GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL): Approval is respectfully requested for the following grants and agreement.

1. Amendment to Lease US-6003L-Houston, between The University of Texas Health Science Center at Houston, Medical School, and The Prudential Insurance Company of America, wherein the Houston Health Science Center provides \$7,454.83 per month for the leasing of an additional 14,583 sq. ft. of space in the Prudential Building, 1100 Holcombe Boulevard, Houston, Texas. Five hundred and nine sq. ft. of this space will be used by The University of Texas System Administration under an Interagency Cooperation Contract, and 14,074 sq. ft. of this space will be used by The University of Texas System Cancer Center under an Interagency Cooperation Contract. The amendment covers the period November 1, 1973 through August 31, 1976; therefore, effective November 1, 1973, the lease will cover a total of 42,188.5 sq. ft. of space at \$21,566.77 per month. The amendment was approved on behalf of the Houston Health Science Center by Mr. E. D. Walker, Deputy Chancellor for Administration, The University of Texas System, and was approved by the State Board of Control on October 17, 1973.

HOUSTON MEDICAL SCHOOL

1. Amendment to grant entitled, "Effects of Nicotine on the Gastric Mucosal Circulation," by which the American Medical Association, Education and Research Foundation, 535 North Dearborn Street, Chicago, Illinois, 60610, extends the date for the progress report to April 30, 1974, and authorizes the utilization of funds which were not expended during the period May 1, 1972 through April 30, 1973. Dr. Eugene D. Jacobson, Professor and Director of the Program in Physiology is Principal Investigator.

2. Grant No. DRG-1258 by which the Damon Runyon Memorial Fund, Damon Runyon-Walter Winchell Cancer Fund, 33 West 56th Street, New York, New York, 10019, provides \$40,000 (\$20,000 per year) for the period October 1, 1973 through September 30, 1975, to support research entitled, "Regulation of Drug Metabolism in Liver Tumors." This research is an approach to the understanding of the factors which affect the success of cancer chemotherapy as well as to an understanding of the differences in regulation of enzyme activity between normal and tumor cells. Henry W. Strobel, Ph.D., Assistant Professor in the Program in Biochemistry and Molecular Biology, is Principal Investigator.

PUBLIC HEALTH SCHOOL

1. Amendment to grant entitled, "A Study of the Health Systems Under Development in New Towns," by which Houston Endowment Inc., P. O. Box 52338, Houston, Texas, 77052, extends the termination date to December 30, 1973. The total project period is December 1, 1972 through December 30, 1973. Hardy D. Loe, Jr., M.D., Associate Professor in the Department of Health Services Administration, is Principal Investigator.

DIVISION OF CONTINUING EDUCATION

1. Revised notice of allocation award for RMP Grant No. 5 G03 RM-00007-05, by which Texas Regional Medical Program, Incorporated, 4200 North Lamar, Suite 200, Austin, Texas, 78756, provides an additional \$14,573 for the period September 1, 1973 through December 31, 1973, for project "GRO." The total project period is January 1, 1973 through December 31, 1973. Project "GRO" is a program which helps teachers of handicapped children to better understand, relate to, and work more effectively with the parents of handicapped children. Vilma T. Falck, Ph.D., Associate Professor in the Division of Continuing Education, is Project Director.

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL)
Board of Regents' Meeting February 1, 1974R
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The following grants and contracts have been approved by the Chief Administrative Officer and are hereby submitted for ratification by the Board of Regents.

HOUSTON MEDICAL SCHOOL

1. Grant No. 1 R01 DA00744-01, by which the Department of Health, Education and Welfare, Public Health Service, National Institute on Drug Abuse, provides \$48,949 for the period December 1, 1973 through November 30, 1974, for research entitled, "Narcotic Addiction in Relation to Hormone Action." The total project period is December 1, 1973 through November 30, 1976, and is under the direction of George A. Robison, Ph.D., Professor and Director of the Program in Pharmacology. The main objective of this research is to understand the mechanism of action of morphine and related narcotic analgesics, with special reference to the mechanisms by which they produce tolerance and physical dependence. The majority of expenditures from this grant will be made in Harris County.

HOUSTON DENTAL BRANCH

1. Modification No. 4C to Contract No. NAS-9-11118, by which the NASA Lyndon B. Johnson Space Center provides \$14,000, and extends the contract an additional eight months. The new contract expiration date is June 30, 1974. Modification No. 5C corrects an error in addition on Modification 4C by changing the total amount awarded under this contract from \$125,990.00 to \$124,990.00. The research entitled, "Oral Physiology and Microbiology in Skylab Manned Space Missions," (formerly "Study to Define and Verify the Personal Oral Hygiene Requirements for Extended Manned Space Flight") continues under the direction of Dr. Lee R. Brown, Jr., Professor and Member, Dental Science Institute. The majority of expenditures from this award will be made in Harris County.

PUBLIC HEALTH SCHOOL

1. Subcontract 733 under Prime Grant R802433 awarded to William Marsh Rice University by the Environmental Protection Agency, by which William Marsh Rice University provides \$56,429 for the period October 1, 1973 through June 30, 1976, for a study entitled, "Community Health Aspects of Surface Waters in the Woodlands." Modification No. 1 to Subcontract 733 changes the amount of payment Rice University will withhold until receipt and approval of the final project report from 15% to 10% of contract value. The purpose of the study is to assess the impact of the development of the Woodlands community on surface water quality. Baseline data on the physical, chemical and bacteriological quality of the surface waters of the Woodlands' lakes will be gathered and research conducted which will make possible responsible management of these waters. Ernest M. Davis, Ph.D., Assistant Professor in the Institute of Environmental Health, is Project Director. The majority of expenditures from this Subcontract will be made in Harris County.

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON

Amendments to the 1973-74 Operating Budget
Board of Regents' Meeting February 1, 1974

Approval is respectfully requested for the following amendments to the 1973-74 operating budget.

Office of the President

1. Transfer \$5,000 from the Health Science Center Administrative Charges to Trust Funds to Administrative Expenses-President's Office. This transfer is requested to provide funds for the expenses related to the recruitment of a president for the Houston Health Science Center. (RBC-176)

Office of the Vice President for Business Affairs

2. Reappoint Raymond N. Jarl as Assistant to the Vice President for Business Affairs in the Health Science Center Office of the Vice President for Business Affairs at an annual salary rate of \$19,800, effective September 1, 1973. Funds needed are to come from Department of Data Processing Administrative and Professional Salaries and Classified Salaries. (RBC-75)

Purchasing

3. Reappoint G. Dewey Liccioni, Jr., as Director of Purchasing of the Health Science Center Department of Purchasing at an annual salary rate of \$18,000, effective September 1, 1973. Funds needed are to come from departmental Administrative and Professional Salaries. (RBC-71)

4. Cancel the appointment of Raymond N. Jarl as Director of General Services in the Health Science Center Department of Purchasing. Mr. Jarl has transferred to the Office of the Vice President for Business Affairs, effective September 1, 1973. (RBC-117)

Contracts and Grants Management

5. Create the position of Administrative Assistant in the Health Science Center Department of Contracts and Grants Management at an annual salary rate of \$10,308, effective September 1, 1973. Funds needed are to come from departmental Classified Salaries and the Department of Accounting Classified Salaries. (RBC-73)

DIVISION OF CONTINUING EDUCATIONCommunications

1. Appoint Robert S. Strong as Manager and Engineering Consultant in the Division of Continuing Education Department of Communications at an annual salary rate of \$18,500, effective January 1, 1974. Funds needed are to come from departmental Administrative and Professional Salaries. (RBC-74)

HOUSTON MEDICAL SCHOOLANALYTIC SCIENCESBiochemistry and Molecular Biology

1. Appoint Willis L. Kirkland, Ph.D., as Research Associate in the Medical School Program in Biochemistry and Molecular Biology at an annual salary rate of \$9,000, effective November 1, 1973. Funds needed are to come from HEW Grant No. 1 R01 CA-14821-01. (RBC-179)

HOUSTON MEDICAL SCHOOL (Continued)ANALYTIC SCIENCES (Continued)Neurostructure and Function

2. Appoint Robert McClung as Teaching and Research Assistant in the Medical School Program in Neurostructure and Function at an annual salary rate of \$3,000, effective September 1, 1973. Funds needed are to come from departmental Administrative and Professional Salaries. (RBC-180)
3. Cancel the appointment of Peter Stauffhausen as Teaching and Research Assistant in the Medical School Program in Neurostructure and Function. (RBC-181)

Pharmacology

4. Transfer \$25,500 from the Medical School Unallocated Faculty Salaries to the Program in Pharmacology Faculty Salaries. This transfer is requested to create the following positions, effective September 1, 1973:
 - 1) Assistant Professor at an annual salary rate of \$17,500.
 - 2) Instructor, part-time (50%) at an annual salary rate of \$16,000. (RBC-177)
5. Accept the resignation of Willis L. Kirkland, Research Associate in the Medical School Program in Pharmacology, effective October 31, 1973. Dr. Kirkland is transferring to the Program in Biochemistry and Molecular Biology. (RBC-178)

CLINICAL SCIENCESInternal Medicine - General

6. Increase the salary of Merrill L. Overturf (non-tenure), Assistant Professor in the Medical School Program in Internal Medicine-General, from an annual rate of \$15,500 to an annual rate of \$17,500, effective October 1, 1973. Funds needed are to come from departmental Faculty Salaries and the Medical School Merrill Company Grant. Prior approval via System Administration Committee - 10/29/73. (RBC# 29)

Internal Medicine - Infectious Diseases

7. Reappoint Millicent E. Goldschmidt (non-tenure) as Associate Professor in the Medical School Program in Internal Medicine-Infectious Diseases at an annual salary rate of \$22,000, effective September 1, 1973. Funds needed are to come from departmental Faculty Salaries. (RBC-182)

Obstetrics and Gynecology

8. Reappoint Harold M. Jesurun (tenure) as Professor in the Medical School Program in Obstetrics and Gynecology at an annual salary rate of \$36,000, effective September 1, 1973. Funds needed are to come from departmental Faculty Salaries. (Original Tenure award). (RBC# 183)

Pediatrics

9. Reappoint James H. Brown as Research Associate in the Medical School Program in Pediatrics at an annual salary rate of \$15,510, effective September 1, 1973. Funds needed are to come from HEW Grant No. 7 R01 AM-16525. (RBC-184)

Radiology

10. Reappoint Ralph G. Peil (non-tenure) as Instructor in the Medical School Program in Radiology, part-time (50%), at an annual salary rate of \$20,000, effective September 1, 1973. Funds needed are to come from Medical School Unallocated Faculty Salaries. (RBC-185)

HOUSTON MEDICAL SCHOOL (Continued)CLINICAL SCIENCES (Continued)Radiology (Continued)

11. Appoint Kenneth P. Tennyson (non-tenure) as Instructor in the Medical School Program in Radiology, part-time (50%) at an annual salary rate of \$20,000, effective September 1, 1973. Funds needed are to come from Medical School Unallocated Faculty Salaries. (RBC-186)

Surgery - General

12. Change the salary of Edward M. Copeland, M.D. (non-tenure) Assistant Professor in the Medical School Program in Surgery-General, from an annual rate of \$30,000 to an annual rate of \$29,000, paid from General Budget funds, effective September 1, 1973. (RBC-111)

13. Reappoint Bruce V. MacFadyen, Jr., M.D. (non-tenure) as Instructor in the Medical School Program in Surgery-General at an annual salary rate of \$18,000, effective September 1, 1973. Funds needed are to come from departmental Faculty Salaries (\$15,000) and USV Pharmaceutical Corporation (\$3,000). (RBC-187)

HOUSTON DENTAL BRANCHVarious

1. Transfer \$1,540 from the Dental Branch General Research Support Grant for support of the following research projects which were reviewed and approved by the Dental Branch Research Committee.

<u>Investigator</u>	<u>Grant Number</u>	<u>Amount</u>
Dr. Carl W. Haveman	ANA-24-73-01(GRT)	\$ 50.00
Dr. Robert L. Cooley	BIO-21-73-01(GRT)	250.00
Dr. Wayne W. Barkmeier	BIO-20-73-01(GRT)	275.00
Dr. Jeffrey D. Lewis	RDCR-25-73-01(GRT)	100.00
Dr. Frank W. Grayson	RDCR-23-73-01(GRT)	250.00
Dr. Larry Finkbeiner	MED-22-73-01(GRT)	615.00
(RBC-168)	TOTAL	<u>\$1,540.00</u>

2. Transfer \$925 from the Dental Branch General Research Support Grant for support of the following research projects which were reviewed and approved by the Dental Branch Research Committee.

Dr. Ronald E. Appeldoorn	BIO-33-73-01(GRT)	\$250.00
Dr. Russell G. Eyman	BIO-34-73-01(GRT)	240.00
Dr. Edward T. Herbold	BIO-35-73-01(GRT)	200.00
Dr. Steven D. Nemcic	BIO-36-73-01(GRT)	235.00
(RBC-170)	TOTAL	<u>\$925.00</u>

3. Transfer \$2,210.76 from the Dental Branch General Research Support Grant for support of the following research projects which were reviewed and approved by the Dental Branch Research Committee.

Dr. Robert J. Carey	BIO-32-73-01(GRT)	\$250.00
Dr. William F. Killian	DSI-26-73-01(GRT)	300.00
Dr. Marion Lepore	MED-27-73-01(GRT)	699.00
Dr. Stephen M. Magers, Jr.	MED-28-73-01(GRT)	350.00
Dr. James C. Stokes	MED-30-73-01(GRT)	160.00
Dr. Carl M. Trepagnier	MED-31-73-01(GRT)	200.00
Dr. Chamary Pusavat	SUR-29-73-01(GRT)	251.76
(RBC-188)	TOTAL	<u>\$2,210.76</u>

HOUSTON DENTAL BRANCH (Continued)Office of the Dean

4. Reappoint Frank B. Trice as Associate Dean, part-time (50%) in the Dental Branch Office of the Dean and increase the annual salary rate from \$36,000 to \$38,000, effective October 1, 1973. Funds needed are to come from departmental Administrative and Professional Salaries. Dr. Trice also serves as Professor, part-time (50%) in the Dental Branch Department of Medicine-Endodontics. Prior approval via System Administration Committee 10/29/73. (RBC# 12)

Anatomy - Dental Anatomy and Histology

5. Change the status of Charles E. Gilmer (non-tenure) Dental Branch Department of Anatomy-Dental Anatomy and Histology, from Assistant Professor part-time (20%) to Clinical Assistant Professor part-time (10%) at an annual salary rate of \$17,500, paid from HEW Grant No. 5-E03-PE-00392-08, effective September 1, 1973. (RBC-118)

6. Cancel the appointment of Frederick A. Curro (non-tenure) as Assistant Professor in the Dental Branch Department of Anatomy-Dental Anatomy and Histology, effective September 1, 1973. (RBC-119)

7. Reappoint Billy I. Dippel (non-tenure) as Assistant Professor in the Dental Branch Department of Anatomy-Dental Anatomy and Histology at an annual salary rate of \$20,000, effective September 1, 1973. Funds needed are to come from HEW Grant No. 5-E03-PE-00392-08. (RBC-120)

8. Cancel the appointment of Paul Stamatis (non-tenure) as Assistant Professor in the Dental Branch Department of Anatomy-Dental Anatomy and Histology. (RBC-121)

Anatomy - General and Microscopic

9. Reappoint Sitthi S. Srisopark as Research Fellow in the Dental Branch Department of Anatomy-General and Microscopic at an annual salary rate of \$10,000, effective September 1, 1973. Funds needed are to come from departmental Administrative and Professional Salaries. (RBC-122)

General Practice

10. Reappoint Charles E. Derrick (non-tenure) as Clinical Instructor in the Dental Branch Department of General Practice, without salary, effective September 1, 1973. (RBC-123)

11. Cancel the appointment of Michael A. Brown (non-tenure) as Assistant Professor in the Dental Branch Department of General Practice. Dr. Brown did not accept his reappointment. (RBC-124)

Medicine - Endodontics

12. Increase the salary and change the status of Frank B. Trice (tenure) Dental Branch Department of Medicine-Endodontics, from Professor and Chairman part-time (50%) at an annual salary rate of \$36,000 to Professor part-time (50%) at an annual salary rate of \$38,000, effective October 1, 1973. Funds needed are to come from departmental Faculty Salaries. Dr. Trice also serves as Associate Dean, part-time (50%) in the Dental Branch Office of the Dean. Prior approval via System Administration Committee 10/29/73. (RBC# 13)

Medicine - Periodontics

13. Change the status of Lambert A. Benson (tenure) Dental Branch Department of Medicine-Periodontics, from Associate Professor full-time to Clinical Associate Professor part-time (50%) at an annual salary rate of \$26,300, effective September 1, 1973. (RBC-125)

HOUSTON DENTAL BRANCH (Continued)Medicine - Periodontics (Continued)

14. Reappoint Alton M. Brown (non-tenure) as Assistant Professor in the Dental Branch Department of Medicine-Periodontics at an annual salary rate of \$17,000, effective September 1, 1973. Funds needed are to come from departmental Faculty Salaries. (RBC-126)
15. Reappoint Paul B. Robertson (non-tenure) as Assistant Professor in the Dental Branch Department of Medicine-Periodontics at an annual salary rate of \$24,000, effective September 1, 1973. Funds needed are to come from departmental Faculty Salaries. (RBC-127)
16. Cancel the appointment of Leslie O. Fullerton (non-tenure) as Clinical Assistant Professor in the Dental Branch Department of Medicine-Periodontics. (RBC-128)
17. Reappoint Onnie R. Koski (non-tenure) as Clinical Associate Professor in the Dental Branch Department of Medicine-Periodontics, part-time (10%) at an annual salary rate of \$17,000, effective September 1, 1973. Funds needed are to come from departmental Faculty Salaries. (RBC-83)

Pathology - Dental Pathology

18. Change the status of George B. Robbins (non-tenure), Clinical Assistant Professor, Dental Branch Department of Pathology-Dental Pathology, from part-time (20%) at an annual salary rate of \$10,000, to "without salary" effective September 1, 1973. (RBC-135)

Pathology - General Pathology

19. Appoint Bela B. Toth as Teaching Assistant in the Dental Branch Department of Pathology-General Pathology at an annual salary rate of \$4,400, effective September 1, 1973. Funds needed are to come from departmental Faculty Salaries and Department of Pathology-Dental Pathology Faculty Salaries. (RBC-129)

Physiology - Biological Chemistry

20. Reappoint Brent Larsen as Teaching Assistant in the Dental Branch Department of Physiology-Biological Chemistry, part-time (50%) at an annual salary rate of \$5,400, effective September 1, 1973. Funds needed are to come from HEW Grant No. 5-E03-PE-00392-08. (RBC-130)

Physiology - Physiology

21. Appoint Theodore D. Pate (non-tenure) as Assistant Professor in the Dental Branch Department of Physiology-Physiology at an annual salary rate of \$12,500, effective September 1, 1973. Funds needed are to come from HEW Grant No. 5-E03-PE-00392-08. (RBC-131)
22. Reappoint William G. Frick as Teaching Assistant in the Dental Branch Department of Physiology-Physiology at an annual salary rate of \$2,000, for the period September 1, 1973 through May 31, 1974. Funds needed are to come from departmental Administrative and Professional Salaries. (RBC-132)

Preventive Dentistry - Community Dentistry

23. Change the status of James L. Bruzzese (non-tenure) Dental Branch Department of Preventive Dentistry-Community Dentistry, from Assistant Professor full-time to Clinical Assistant Professor part-time (50%) at an annual salary rate of \$21,000, effective September 1, 1973. (RBC-133)
24. Appoint J. Dean McDaniel (non-tenure) as Instructor in the Dental Branch Department of Preventive Dentistry-Community Dentistry at an annual salary rate of \$14,000, effective September 1, 1973. Funds needed are to come from departmental Faculty Salaries. (RBC-134)

HOUSTON DENTAL BRANCH (Continued)Preventive Dentistry - Orthodontics

25. Reappoint Robert H. Rabuck (non-tenure) as Clinical Assistant Professor in the Dental Branch Department of Preventive Dentistry-Orthodontics, part-time (10%) at an annual salary rate of \$16,000, effective September 1, 1973. Funds needed are to come from departmental Faculty Salaries. (RBC-136)

Preventive Dentistry - Pedodontics

26. Change the status of Craig K. Brown (non-tenure) Dental Branch Department of Preventive Dentistry-Pedodontics, from Assistant Professor full-time at an annual salary rate of \$17,000, to Clinical Assistant Professor part-time (80%) at an annual salary rate of \$18,000, effective September 1, 1973. Funds needed are to come from departmental Faculty Salaries (\$11,700) and the Texas Children's Hospital Fund (\$2,700). (RBC-137)

27. Reappoint Richard L. Trippie (non-tenure) as Instructor in the Dental Branch Department of Preventive Dentistry-Pedodontics at an annual salary rate of \$12,000, effective September 1, 1973. Funds needed are to come from departmental Faculty Salaries. (RBC-138)

28. Cancel the appointment of Albert J. Fasti (non-tenure) as Clinical Instructor in the Dental Branch Department of Preventive Dentistry-Pedodontics. (RBC-139)

29. Reappoint David A. Taylor (non-tenure) as Clinical Instructor in the Dental Branch Department of Preventive Dentistry-Pedodontics, part-time (20%) at an annual salary rate of \$8,750, effective September 1, 1973. Funds needed are to come from departmental Faculty Salaries. (RBC-140)

30. Cancel the appointment of Neil W. Boll as First-Year Resident in the Dental Branch Department of Preventive Dentistry-Pedodontics. (RBC-141)

31. Reappoint Richard J. Helmle as First-Year Resident in the Dental Branch Department of Preventive Dentistry-Pedodontics at an annual salary rate of \$7,200, effective September 1, 1973. Funds needed are to come from the Texas Children's Hospital Fund. (RBC-142)

Restorative Dentistry - Complete Restorations

32. Appoint James R. Smith (non-tenure) as Clinical Associate Professor in the Dental Branch Department of Restorative Dentistry-Complete Restorations, part-time (20%) at an annual salary rate of \$30,000, effective September 1, 1973. Funds needed are to come from departmental Faculty Salaries. (RBC-143)

33. Appoint Edgar N. Starcke (non-tenure) as Clinical Assistant Professor in the Dental Branch Department of Restorative Dentistry-Complete Restorations, part-time (10%) at an annual salary rate of \$11,000, effective September 1, 1973. Funds needed are to come from departmental Faculty Salaries. (RBC-144)

Restorative Dentistry - Maxillo Facial Prosthesis

34. Reappoint Fredrick M. Matvias as First-Year Resident in the Dental Branch Department of Restorative Dentistry-Maxillo Facial Prosthesis at an annual salary rate of \$8,000, effective September 1, 1973. Funds needed are to come from departmental Administrative and Professional Salaries. (RBC-145)

35. Cancel the appointment of Simon Gamer as First-Year Resident in the Dental Branch Department of Restorative Dentistry-Maxillo Facial Prosthesis. (RBC-146)

HOUSTON DENTAL BRANCH (Continued)Surgery

36. Change the status of Robert C. Meador (non-tenure) Dental Branch Department of Surgery, from Assistant Professor full-time to Clinical Assistant Professor part-time (80%) at an annual salary rate of \$17,000, effective September 1, 1973. (RBC-147)

School of Dental Hygiene

37. Cancel the appointment of Jean A. Cochran (non-tenure) as Instructor in the Dental Branch School of Dental Hygiene. (RBC-148)

38. Reappoint Julia L. Ousley (non-tenure) as Instructor in the Dental Branch School of Dental Hygiene at an annual salary rate of \$9,500, effective September 1, 1973. Funds needed are to come from departmental Faculty Salaries. (RBC-149)

39. Cancel the appointment of Joyce E. Landgren (non-tenure) as Instructor part-time (30%) in the Dental Branch School of Dental Hygiene. (RBC-150)

40. Reappoint Elizabeth P. Williams (non-tenure) as Instructor in the Dental Branch School of Dental Hygiene at an annual salary rate of \$9,500, effective September 1, 1973. Funds needed are to come from departmental Faculty Salaries. (RBC-151)

41. Reappoint Elizabeth R. Williams (non-tenure) as Instructor in the Dental Branch School of Dental Hygiene at an annual salary rate of \$5,654 for the period September 1, 1973 through May 31, 1974. Funds needed are to come from departmental Faculty Salaries. (RBC-152)

42. Reappoint Don R. Byrnes (non-tenure) as Instructor in the Dental Branch School of Dental Hygiene at an annual salary rate of \$3,600 for the period September 1, 1973 through December 31, 1973. Funds needed are to come from departmental Faculty Salaries. (RBC-153)

43. Appoint Jean Tilton (non-tenure) as Instructor in the Dental Branch School of Dental Hygiene at an annual salary rate of \$4,320 for the period January 1, 1974 through May 31, 1974. Funds needed are to come from departmental Faculty Salaries. (RBC-154)

44. Appoint Deborah R. Maddy (non-tenure) as Clinical Instructor in the Dental Branch School of Dental Hygiene, part-time (60%) at an annual salary rate of \$8,800, effective September 1, 1973. Funds needed are to come from departmental Faculty Salaries. (RBC-155)

45. Change the status of Donna S. Hatchett (non-tenure) Dental Branch School of Dental Hygiene, from Instructor full-time to Clinical Instructor part-time (40%) at an annual salary rate of \$9,500, effective September 1, 1973. (RBC-156)

46. Appoint Nita K. Zinecker (non-tenure) as Clinical Instructor in the Dental Branch School of Dental Hygiene, part-time (40%) at an annual salary rate of \$8,800, effective September 1, 1973. Funds needed are to come from departmental Faculty Salaries. (RBC-157)

47. Appoint Joan B. Weathersby (non-tenure) as Clinical Instructor in the Dental Branch School of Dental Hygiene, without salary, effective September 1, 1973. (RBC-158)

Dental Assisting Program

48. Cancel the appointment of Betty G. Stratemann (non-tenure) as Clinical Instructor in the Dental Branch Dental Assisting Program. (RBC-159)

HOUSTON DENTAL BRANCH (Continued)Dental Assisting Program (Continued)

49. Appoint J. Dean McDaniel (non-tenure) as Instructor in the Dental Branch Dental Assisting Program, without salary, effective September 1, 1973. (RBC-160)

50. Change the status of James L. Bruzzese (non-tenure), Dental Branch Dental Assisting Program, from Assistant Professor to Clinical Assistant Professor without salary, effective September 1, 1973. (RBC-161)

Organized Activities -
Instructional Development Services

51. Appoint Betty L. Lucas as Technical Writer in the Dental Branch Department of Instructional Development Services at an annual salary rate of \$7,600, effective October 1, 1973. Funds needed are to come from departmental Administrative and Professional Salaries. (RBC-165)

Dental Science Institute

52. Appoint Arthur W. Radike (non-tenure) as Clinical Professor in the Dental Branch Dental Science Institute, without salary, effective September 1, 1973. (RBC-162)

53. Appoint Marvin W. Reed (non-tenure) as Clinical Associate Professor in the Dental Branch Dental Science Institute, without salary, effective September 1, 1973. (RBC-163)

54. Appoint David Bixler (non-tenure) as Clinical Associate Professor in the Dental Branch Dental Science Institute, without salary, effective September 1, 1973. (RBC-164)

55. Transfer \$18,700 from the Dental Branch Dental Science Institute Faculty Salaries to Equipment. This transfer is requested to provide funds for the purchase of additional equipment needed in the Dental Science Institute. (RBC-166)

HOUSTON GRADUATE SCHOOL OF BIOMEDICAL SCIENCESDemographic and Population Genetics Center

1. Reappoint Paul A. Ballonoff (non-tenure) as Assistant Professor in the Graduate School Department of Demographic and Population Genetics Center at an annual salary rate of \$13,500, effective September 1, 1973. Funds needed are to come from departmental Faculty Salaries. (RBC-113)

2. Reappoint Ranajit Chakraborty (non-tenure) as Assistant Professor in the Graduate School Demographic and Population Genetics Center at an annual salary rate of \$15,000, effective September 1, 1973. Funds needed are to come from HEW Grant No. GM-19513-02. (RBC-114)

Medical Genetics Center

3. Appoint Phillip Reilly as Research Associate in the Graduate School Medical Genetics Center, part-time (50%), at an annual salary rate of \$9,000, effective September 1, 1973. Funds needed are to come from HEW Grant No. GM-19513-02. (RBC-115)

Sensory Sciences Center

4. Reappoint Lamar D. Inners (non-tenure) as Assistant Professor in the Graduate School Sensory Sciences Center at an annual salary rate of \$14,823, for the period September 1, 1973 through April 30, 1974. Funds needed are to come from HEW Grant No. 7 R01 GM-20969-01. (RBC-116)

PUBLIC HEALTH SCHOOLOrganized Research -
Institute of Environmental Health

1. Reappoint Lynn McC. Noel, B.S. as Research Associate in the Public Health School Institute of Environmental Health at an annual salary rate of \$8,200, effective September 1, 1973. Funds needed are to come from the Department of Environmental Health Classified Salaries (\$4,100 - 50%) and Contract No. N01-NS-3-2304 (\$4,100 - 50%). (RBC-72)

Library Services

2. Transfer \$3,000 to the Public Health School Department of Library Services Maintenance and Operation from the Department of Disease Control Maintenance and Operation. This transfer is requested to provide additional operating funds for the 1973-74 fiscal year. (RBC-110)

Office of the Dean

3. Transfer \$10,000 from the Public Health School HEW Grant No. 2 E02-AH-00016-05 Faculty Salaries to Travel. This transfer is requested to provide additional travel funds necessary for the 1973-74 fiscal year. (RBC-167)

Disease Control

4. Change the status of Virgilio Escutia, Ph.D. (non-tenure), Public Health School Department of Disease Control, from Assistant Professor at an annual salary rate of \$18,550, to Assistant Professor on Leave of Absence Without Pay for the period September 1, 1973 through August 31, 1974. (RBC-76)

5. Reappoint Jack Hayes, Ph.D. as Instructor in the Public Health School Department of Disease Control at an annual salary rate of \$11,000, for the period September 1, 1973 through September 27, 1973. Funds needed are to come from departmental Faculty Salaries. (RBC-77)

6. Cancel the appointment of Yen-Whei Chow as Research Associate in the Public Health School Department of Disease Control. (RBC-78)

7. Cancel the appointment of Matthew M. Yates as Research Associate in the Public Health School Department of Disease Control. Matthew Yates did not accept his 1973-74 appointment. (RBC-79)

8. Reappoint Dorothy M. Tuttle, Ph.D. as Associate Research Health Planner in the Public Health School Department of Disease Control, part-time (50%) at an annual salary rate of \$20,000, effective September 1, 1973. Funds needed are to come from departmental Faculty Salaries. (RBC-80)

9. Reappoint Calvin B. Olsen as Assistant Research Geographer in the Public Health School Department of Disease Control at an annual salary rate of \$19,400, effective September 1, 1973. Funds needed are to come from NASA Contract NAS-9-12823. (RBC-81)

10. Reappoint Margrette A. Chandler, B.S. as Research Associate in the Public Health School Department of Disease Control, part-time (50%), at an annual salary rate of \$7,500, effective September 1, 1973. Funds needed are to come from Contract No. NIH-NHLI-71-2156. (RBC-82)

11. Reappoint Robert Guardiola as Research Associate in the Public Health School Department of Disease Control at an annual salary rate of \$7,500, effective September 1, 1973. Funds needed are to come from Contract No. NIH-NHLI-71-2156. (RBC-84)

12. Reappoint Melissa C. Lockhart, B.S. as Research Associate in the Public Health School Department of Disease Control, part-time (50%), at an annual salary rate of \$7,500, effective September 1, 1973. Funds needed are to come from Contract NIH-NHLI-71-2156. (RBC-85)

PUBLIC HEALTH SCHOOL (Continued)Disease Control (Continued)

13. Reappoint Jacqueline V. Graham, L.V.N. as Research Associate in the Public Health School Department of Disease Control, part-time (50%) at an annual salary rate of \$7,500, effective September 1, 1973. Funds needed are to come from Contract NIH-NHLI-71-2156. (RBC-86)

14. Appoint Jorge Veronelli, M.D. (non-tenure) as Adjunct Associate Professor in the Public Health School Department of Disease Control, without salary, effective September 1, 1973. (RBC-108)

Environmental Health

15. Change the status of Stanley M. Pier, Ph.D., Associate Professor in the Public Health School Department of Environmental Health, from "non-tenure" to "tenure," effective September 1, 1973. (RBC-99)

Health Services Administration

16. Change the status and increase the salary of Sally W. Vernon, M.A. from Research Associate in the Public Health School Department of Health Services Administration at an annual rate of \$9,400 to Research Associate/Coordinator at an annual rate of \$12,500, effective October 1, 1973. Funds needed are to come from NASA Grant NGL-44-084-003. (RBC-87)

17. Reappoint Wei-Wei Ling, B.S. as Research Associate in the Public Health School Department of Health Services Administration at an annual salary rate of \$9,400, full-time for the period September 1, 1973 through September 30, 1973 and part-time (50%) for the period October 1, 1973 through August 31, 1973. (RBC-88)

18. Change the source of funds for Richard M. Grimes, Ph.D. (non-tenure), Assistant Professor in the Public Health School Department of Health Services Administration from \$4,865 (25%) General Budget funds and \$16,245 (75%) HEW Grant 6-75504-03-72 (total annual salary rate \$21,660) to \$21,660 (100%) General Budget funds, effective September 1, 1973. Funds needed are to come from departmental Faculty Salaries and Department of Disease Control Faculty Salaries. (RBC-89)

19. Cancel the appointment of Fongee Jeu, M.S. as Research Associate in the Public Health School Department of Health Services Administration. (RBC-90)

20. Change the status of Ingrid M. Hernandez, R.N., Research Associate in the Public Health School Department of Health Services Administration, from part-time (50%) to full-time at an annual salary rate of \$9,000, effective September 1, 1973. Funds needed are to come from Contract N01-NU-14073. (RBC-91)

21. Reappoint Porter R. Parris, M.P.H. as Research Associate and Project Administrator in the Public Health School Department of Health Services Administration at an annual salary rate of \$13,386. Funds needed are to come from Contract HSM-110-73-517 (\$10,013 - 75%) and HEW Grant No. 1 R01 HS-01381-01 (\$3,373 - 25%). (RBC-92)

22. Reappoint Ronald W. Hill, B.S. as Counselor in the Public Health School Department of Health Services Administration at an annual salary rate of \$10,100, effective September 1, 1973. Funds needed are to come from Contract N01-AH-14063. (RBC-93)

23. Reappoint Charles W. Boes, M.P.H. as Assistant Research Community Health Planner in the Public Health School Department of Health Services Administration at an annual salary rate of \$14,450, effective September 1, 1973. Funds needed are to come from Contract No. CPT-000071-01-0. (RBC-94)

PUBLIC HEALTH SCHOOL (Continued)Health Services Administration (Continued)

24. Reappoint Irene Easling, B.A. as Research Associate in the Public Health School Department of Health Services Administration, part-time (50%) at an annual salary rate of \$9,400, effective September 1, 1973. Funds needed are to come from Contract No. CPT-000071-01-0. (RBC-95)

25. Reappoint Mary A. Lemon, M.P.H. as Research Associate in the Public Health School Department of Health Services Administration at an annual salary rate of \$9,000, effective September 1, 1973. Funds needed are to come from Contract N01-NU-14073. (RBC-96)

26. Change the appointment of Ronald B. Harrist, Ph.D. (non-tenure) Public Health School Department of Health Services Administration, from Adjunct Assistant Professor to Assistant Professor, effective September 1, 1973. (RBC-172)

27. Appoint Garrett R. Graham, M.H.A. (non-tenure) as Adjunct Assistant Professor in the Public Health School Department of Health Services Administration, without salary, effective September 1, 1973. (RBC-173)

International Health

28. Change the status of Milton P. Siegel, Professor in the Public Health School Department of International Health, from "non-tenure" to "tenure," effective September 1, 1973. (RBC-97)

29. Change the status of Stephen W. Bennett, Dr.P.H., Associate Professor in the Public Health School Department of International Health, from "non-tenure" to "tenure," effective September 1, 1973. (RBC-98)

Nutrition

30. Appoint Jose A. Riumallo, M.D. (non-tenure) as Visiting Professor in the Public Health School Department of Nutrition at an annual salary rate of \$20,000, effective December 15, 1973. Funds needed are to come from departmental Faculty Salaries. (RBC-171)

Population Studies

31. Appoint Paul A. Ballonoff, Ph.D. (non-tenure) as Adjunct Assistant Professor in the Public Health School Department of Population Studies, without salary, effective September 1, 1973. (RBC-106)

32. Appoint Ranajit Chakraborty, Ph.D. (non-tenure) as Adjunct Assistant Professor in the Public Health School Department of Population Studies, without salary, effective September 1, 1973. (RBC-107)

Urban Health

33. Reappoint H. Robert Douglass, M.Arch. (non-tenure) as Visiting Associate Professor in the Public Health School Department of Urban Health at an annual salary rate of \$25,000, effective September 1, 1973. Funds needed are to come from departmental Faculty Salaries and the Department of International Health Faculty Salaries. (RBC-100)

34. Reappoint Robert H. Murray, M.S.N.E. as Teaching Associate in the Public Health School Department of Urban Health, part-time (50%) at an annual salary rate of \$11,000, effective September 1, 1973. Funds needed are to come from the Department of International Health Faculty Salaries. (RBC-101)

35. Cancel the appointment of Judith P. Detchmendy, M.A. as Teaching Associate in the Public Health School Department of Urban Health. (RBC-102)

PUBLIC HEALTH SCHOOL (Continued)Urban Health (Continued)

36. Cancel the appointment of Betsy L. Siegel, M.F.A. as Teaching Associate in the Public Health School Department of Urban Health. (RBC-103)
37. Cancel the appointment of George W. Zapletal as Research Associate in the Public Health School Department of Urban Health. (RBC-104)
38. Accept the resignation of Lawrence W. Whitehead, B.Arch., Teaching Associate in the Public Health School Department of Urban Health, effective September 30, 1973. (RBC-105)
39. Appoint Karen K. Assaf as Research Associate in the Public Health School Department of Urban Health, part-time (50%) at an annual salary rate of \$9,000, effective September 24, 1973. Funds needed are to come from NASA Grant NGL-44-084-003. (RBC-109)

SPEECH AND HEARING INSTITUTEGeneral Instruction

1. Appoint Albert Yonovitz, Ph.D. as Phonologist in the Speech and Hearing Institute Department of General Instruction at an annual salary rate of \$15,000, effective October 1, 1973. Funds needed are to come from departmental Classified Salaries and Office of the Director Classified Salaries. (RBC-112)



The University of Texas
Health Science Center at San Antonio
7703 Floyd Curl Drive
San Antonio, Texas 78284

Office of the President

Phone: (512) 696-6105

December 5, 1973

Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the February 1, 1974 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,

A handwritten signature in black ink that reads "Frank Harrison". The signature is written in a cursive style with a large, prominent "F" and "H".

Frank Harrison
President

FH:lh

THE UNIVERSITY OF TEXAS
HEALTH SCIENCE CENTER AT SAN ANTONIO

GIFTS: Acceptance is recommended for the following gifts which have been received:

San Antonio Medical School

<u>Donor</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
1.* 1972-73 Beta Sigma Phi State Project 619 Adrian San Antonio, Texas 78213	Research in the Pediatric Hematology Laboratory under direction of Dr. Tom Williams	\$10,000.00
2.* Mr. & Mrs. Amor B. Whitehead 520 Victoria Cd. Acuna, Coahuila Mexico	Research activities in the Division of Ophthal- mology, Department of Surgery	\$50,000.00

* No letter of transmittal received from donor

TRAVEL FOR FACULTY AND STAFF: The following travel is reported in accordance with Section 13.33 of Chapter III, Part Two of the Regents Rules and Regulations of the Board of Regents for government of The University of Texas System:

San Antonio Medical School

1. Dr. Harry A. Wilmer, Clinical Professor of Psychiatry, November 26, 1973 to December 26, 1973 to Zurich, Switzerland to lecture at Carl G. Jung Institute and to conduct seminars at Burghotzli Hospital (University of Zurich) on research and education in psychiatry. Expenses to be paid from the Waddell Fund.
2. Dr. Robert H. Poirier, Assistant Professor of Ophthalmology, Department of Surgery, November 24, 1973 to December 28, 1973 to London, England and Tehran, Iran. Dr. Poirier is an associate investigator on the research project for therapeutic and epidemiological evaluation of trachoma which is being conducted by the Institute of Ophthalmology, London, England, and the School of Public Health, Tehran, Iran. He will visit these institutes in order to discuss the project and will conduct evaluation and treatment trials on patients in Iran. Information obtained will be included when applicable in the teaching and research program at the Health Science Center at San Antonio. Expenses to be paid from Ophthalmology Faculty Funds and Parke Davis and Company Travel Funds.

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL): Approval is requested for the following:

San Antonio Medical School

Janssen R & D, Inc.
501 George Street
New Brunswick, New Jersey 08903

1. Protocol No. 18553/003
Protocol for the Clinical Evaluation of Loperamide (R 18,553)
Dr. Elliot Weser, Section of Gastroenterology, Department of Medicine
\$15,000.00

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL): (continued)

Pharmaceutical Manufacturers Association Foundation, Inc.
1155 Fifteenth Street, N. W.
Washington, D. C. 20005

2. Research Grant

Psychopharmacological Evaluation of Tetrahydrocannabinol: Biochemical Correlation of Behavior

Dr. Kenneth Blum, Department of Pharmacology

January 1, 1974 - December 31, 1974

\$5,000.00

D + E

GRANTS, CONTRACTS AND AGREEMENTS (OTHER): Approval is requested for the following:San Antonio Health Science Center

Bexar County Hospital District
4502 Medical Drive
San Antonio, Texas 78284

Change in Contract Previously Approved:

1. Change the amount of BCHD Contract #7 ending December 31, 1973 from \$565,333.72 to \$584,367.68.

Trinity University
715 Stadium
San Antonio, Texas 78212

2. Reimbursement for Services of Dr. J.C. Cooper in Physical Medicine to Teach Its Course, Education 446.

Dr. Arthur E. Grant, Department of Physical Medicine and Rehabilitation
Spring semester of the 1973-74 academic year
\$1,200.00 per course

San Antonio Medical School

The Salvation Army Home for Girls
519 Peacock Street
San Antonio, Texas 78201

1. Reimbursement of Four Psychology Residents for Services Provided to the Home's Multidisciplinary Program

Dr. Robert L. Leon, Department of Psychiatry
September 25, 1973 - December 31, 1973
\$60.00 per week

GRANTS, CONTRACTS AND AGREEMENTS (STATE): Approval is requested for the following:San Antonio Health Science Center

The University of Texas at San Antonio

1. Interagency Contract (74-75)-0465
Reimbursement for Providing Meeting Rooms
November 1, 1973 - August 31, 1975
\$1,000.00

GRANTS, CONTRACTS AND AGREEMENTS (STATE): (continued)

Texas State Commission for the Blind

2. Interagency Contract (74-75)-0473
Reimbursement for Vocational Rehabilitation Services
September 1, 1973 - August 31, 1974
\$150,000.00

San Antonio Medical School

The University of Texas at San Antonio

Change in Contract Previously Approved:

1. Interagency Contract (72-73)-577 Amendment No. 2
Reimbursement for Services Rendered and Supplies Furnished
September 1, 1972 - August 31, 1973
Additional funds of \$5,000 - Total \$25,000

THE UNIVERSITY OF TEXAS
HEALTH SCIENCE CENTER AT SAN ANTONIO
FEDERAL CONTRACTS AND GRANTS
February 1, 1974 Meeting

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL): Approval is requested for the following:

San Antonio Health Science Center

Department of Health, Education and Welfare

National Library of Medicine

1. Order No. LO-468230-04
Catalog of the Computer Assisted Program Available Over the LHNCEB Computer Assisted Instruction Experimental Network
Dr. David Kronick
Total Award: \$1,525.00
New Money: \$1,525.00
90 days after receipt of order
Activities, goals and purposes of grant:
Preparation of a catalog of Computer Assisted Programs available over the LHNCEB Computer Assisted Instruction Experimental Network.
Other Information:
None
Expenditure estimates by county:
All Bexar County, Texas

Regional Medical Program of Texas, Inc.

2. RMP 5 G03 RM00007-05 Contract No. 73-4
Cost Studies
Dr. Paul Cutler
Total Award: \$38,687.00
New Money: \$38,687.00
November 1, 1973 - June 15, 1974
Activities, goals and purposes of grant:
Document costs, project these costs to 1975, and assemble procedure manual for antenna-receiver installations at various hospitals taking part in the APACHE Project; also assess the market and lay the groundwork for the establishment of a network of users for this satellite educational system.
Other information:
These preliminary goals will give us the necessary information that enables us to proceed further in getting the entire APACHE Project under way.
Expenditure estimates by county:
Bexar County, Texas: \$32,687.00
Travis County, Texas: \$ 6,000.00

San Antonio Medical School

National Aeronautics and Space Administration

- Change in Contract Previously Approved:
1. Research Grant NGR 44-094-003, Supplement No.1
The Role of Systemic and Renal Hemodynamics as Determinants of Sodium Excretion and Volume Regulation
Dr. Laurence E. Earley
Extension of time to April 1, 1974
No additional funds

FEDERAL CONTRACTS AND GRANTS: (continued)

Department of Health, Education and Welfare

National Institute on Drug Abuse

2. Research Grant 1 RO1 DA00729-01

Analysis of Pharmacologic Agents In Biologic Specimens

Dr. Jack E. Wallace

Total Award: \$42,920.00

New Money: \$42,920.00

December 1, 1973 - November 30, 1974

Activities, goals and purposes of grant:

Research activities of this grant will be directed toward developing rapid and highly sensitive analytical methods for determining drugs of abuse in biologic specimens. Particular emphasis will be placed upon new techniques for the analysis of cocaine and morphine at submicrogram levels.

Other information:

Efforts to be conducted under the auspices of the award are significantly related to in-house studies currently in progress within the teaching and research laboratories of the Pathology Department.

Expenditure estimates by county:

Bexar County, Texas: \$33,920.00

Harris County, Texas: \$ 9,000.00

THE UNIVERSITY OF TEXAS
HEALTH SCIENCE CENTER AT SAN ANTONIO
AMENDMENTS TO THE 1973-74 OPERATING BUDGET
 February 1, 1974 Meeting

REQUESTS FOR BUDGET CHANGE: Approval is requested for the following:

San Antonio Health Science Center

Office of the President

1. Appoint Ms. Magda Hinojosa (non-tenure) as Special Assistant to the President at an annual salary rate of \$14,000 effective October 1, 1973. (RBC 111)
2. Accept the resignation of Mr. William F. Smith (non-tenure) as Associate Director of Hospital Affairs and Associate Administrator of BCHD and Assistant Professor of Health Care Administration effective at the close of business December 17, 1973. (RBC 120)

Anesthesiology

3. Change the status of Dr. Teresita V. Fulgencio-Dujon (non-tenure) from Assistant Instructor (100% time) at an annual salary rate of \$15,600 to Assistant Instructor (without salary) effective October 1, 1973. Dr. Fulgencio-Dujon will serve as a full time staff member of the Department of Anesthesiology in the Veterans Administration Hospital. (RBC 112)

Medicine

4. Change the status and annual salary rate of Dr. Michael S. Gold (non-tenure), Assistant Professor, from an annual salary rate of \$21,200 (paid 100% time from Teaching Salaries) to an annual salary rate of \$22,000 (37.5% time paid from Teaching Salaries and 62.5% time staff member in the Veterans Administration Hospital) effective November 1, 1973. (RBC 121)

Obstetrics and Gynecology

5. Increase the annual salary rate of Dr. Carl J. Pauerstein (tenure), Professor from \$28,000 (\$3,000 from Teaching Salaries and \$25,000 from DHEW Grant 5 K04 HD 47279-03) to \$29,000 (\$4,000 from Teaching Salaries and \$25,000 from DHEW Grant 5 K04 HD 47279-03) effective October 1, 1973. Funds needed for this increase to come from Unallocated - Resident Instruction. (RBC 103)
6. Increase the annual salary rate of Dr. Paul C. Weinberg (tenure), Professor, from \$26,000 to \$26,600 effective October 1, 1973. (RBC 104)
7. Increase the annual salary rate of Dr. Marguerite K. Shepard (non-tenure), Assistant Professor, from \$20,700 to \$22,000 effective October 1, 1973. (RBC 105)

Pediatrics

8. Appoint Dr. Leonard E. Lawrence (non-tenure) as Assistant Professor (without salary) effective October 1, 1973. Dr. Lawrence also serves as Assistant Professor in the Department of Psychiatry at an annual salary of \$25,900. (RBC 116)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET: (continued)

9. Increase the annual salary rate of Dr. Frederick A. Rommel (non-tenure), Assistant Professor, from \$16,600 to \$17,600, effective December 1, 1973. Funds needed for this increase to come from Unallocated - Resident Instruction. (RBC 129)

Psychiatry

10. Change the per cent of time and title of Dr. Habib Nathan (non-tenure) at an annual salary rate of \$25,400 from Assistant Professor (100% time) to Clinical Assistant Professor (25% time) effective November 1, 1973 through December 31, 1973. Dr. Nathan is paid from BCHD Contract # 7. (RBC 126)

11. Change the status of Dr. Russell L. Adams (non-tenure), from Assistant Professor at an annual salary rate of \$18,700 to Assistant Professor (without salary) effective November 1, 1973. Dr. Adams will serve as a full time staff member of the Department of Psychiatry in the Veterans Administration Hospital. (RBC 127)

12. Appoint Dr. Morton J. Asch (non-tenure), Assistant Professor (without salary), effective September 1, 1973. Dr. Asch is a full time staff member of the Department of Psychiatry in the Veterans Administration Hospital. (RBC 132)

13. Promote Dr. Alberto C. Serrano (non-tenure) at an annual salary rate of \$29,000 from Clinical Associate Professor (80% time) to Clinical Professor (80% time), effective October 1, 1973. Dr. Serrano is paid from Teaching Salaries (27% time) and from DHEW Grant 5 T01 MH 12651-03 (53% time) and also serves as Clinical Professor (without salary) in the Department of Pediatrics. (RBC 81)

Radiology

14. Change the source of funds for Dr. Robert G. Waggener (tenure) Associate Professor, at an annual salary rate of \$20,700 from Radiology - Teaching Salaries (70% time) and Graduate School Instruction (30% time) to Radiology - Teaching Salaries (50% time), Graduate School Instruction (30% time) and Institutional Safety Program (20% time) effective October 1, 1973. Transfer unused Teaching Salaries in the amount of \$3,795.00 to Unallocated - Resident Instruction. (RBC 99)

Microbiology

15. Appoint Dr. Evelyn L. Oginsky (initial request for tenure) as Professor (20% time) at an annual salary rate of \$29,000 effective December 1, 1973. Dr. Oginsky also serves as Associate Dean of the Graduate School of Biomedical Sciences (80% time). (RBC 117)

Pathology

16. Appoint Dr. Ernest J. Mayfield, Jr. (non-tenure) as Assistant Professor (without salary) effective September 1, 1973. Dr. Mayfield is a full time staff member of the Department of Pathology in the Veterans Administration Hospital. (RBC 113)

17. Increase the annual salary rate of Dr. George A. Bannayan (tenure), Associate Professor, from \$31,100 to \$32,600 effective November 1, 1973. (RBC 122)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET: (continued)

18. Change the status and effective date of appointment of Dr. Jerry L. Harris (non-tenure) from Assistant Professor, (without salary) effective November 15, 1973, to Assistant Professor (100% time) at an annual salary rate of \$28,000 effective November 5, 1973. (RBC 125)

Pharmacology

19. Cancel the 1973-74 appointment of Dr. Sandra Sabatini (non-tenure), Assistant Professor (25% time) at an annual salary rate of \$20,700. (RBC 114)

Physiology

20. Change the effective date of appointment for Dr. Duane W. Proppe (non-tenure), Instructor, at an annual salary rate of \$17,000 from December 1, 1973 to January 1, 1974. Transfer unused Teaching Salaries in the amount of \$1,416.67 to Unallocated-Resident Instruction. (RBC 130)

Office of the Dean
of the Dental School

21. Appoint Dr. John H. Kleffner (non-tenure) as Executive Assistant (35% time) at an annual salary rate of \$15,600 effective November 1, 1973. Transfer funds in the amount of \$4,550 from Unallocated-Resident Instruction to Administrative and Professional Salaries. (RBC 133)

Surgery - Oral

22. Appoint Dr. Lowell E. McKelvey (non-tenure) as Clinical Professor (20% time) at an annual salary rate of \$35,000 effective September 1, 1973. Funds needed for this appointment to come from Unallocated - Resident Instruction. (RBC 100)

Office of the Dean of the Graduate
School of Biomedical Sciences

23. Appoint Dr. Evelyn L. Oginsky (non-tenure) as Associate Dean of the Graduate School of Biomedical Sciences (80% time) at an annual salary rate of \$29,000 effective December 1, 1973. Dr. Oginsky also serves as Professor (20% time) in the Department of Microbiology. (RBC 118)

Multidiscipline Teaching Laboratories

24. Change the title and increase the annual salary rate of Mr. Joseph P. Burger (non-tenure) from Coordinator at an annual salary rate of \$14,500 to Director at an annual salary rate of \$16,700 effective October 1, 1973. Mr. Burger also serves as Instructor (without salary) Department of Bioengineering. Funds needed for this change to come from Unallocated - Resident Instruction. (RBC 96)

25. Cancel the appointment of Dr. Caspar W. Hiatt (non-tenure) as Director of Multidiscipline Teaching Laboratories (20% time) effective at the close of business September 30, 1973. Dr. Hiatt will serve as Professor and Chairman (70% time), Department of Bioengineering and Professor (30% time), Graduate School Instruction. Transfer unused Administrative and Professional Salaries in the amount of \$5,701.67 to Unallocated - Resident Instruction. (RBC 95)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET: (continued)Out-Patient Clinic

26. Change the status of Dr. Charles Jarvis at an annual salary rate of \$29,000 from Clinical Director (100% time) to Clinical Director (60% time) effective November 1, 1973. Dr. Jarvis is also an Associate Professor (tenure) in the Department of Biomaterials (without salary). (RBC 123)

Library

27. Change the per-cent time employed for Ms. Virginia S. Bowden (non-tenure), Library Systems Analyst and Instructor of Medical Bibliography, at an annual salary rate of \$9,900 from 40% time to 60% time effective October 1, 1973. Transfer funds in the amount of \$1,815 from Classified Salaries to Administrative and Professional Salaries. (RBC 115)

Institutional Safety Program

28. Appoint Dr. Robert G. Waggener (non-tenure) as Radiation Safety Officer (20% time) at an annual salary rate of \$20,700 effective October 1, 1973. Dr. Waggener also serves as Associate Professor (tenure) Department of Radiology (50% time) and Graduate School Instruction (30% time). (RBC 98)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET: (continued)TRANSFER OF FUNDS:San Antonio Health Science Center

1. Amount of Transfer:	\$298,008.00	
To :	Office of Graphic Services	
	Teaching Salaries	\$ 32,700.00
	Classified Salaries	101,429.00
	Wages	1,400.00
	Maintenance and Operation	6,000.00
	Equipment	3,500.00
	Travel	2,000.00
	Office of Audio-Visual Services	
	Teaching Salaries	26,900.00
	Classified Salaries	79,580.00
	Wages	2,400.00
	Maintenance and Operation	14,000.00
	Equipment	7,000.00
	Travel	1,000.00
	Unallocated - Resident	
	Instruction	20,099.00
From :	Biomedical Communications	
	Teaching Salaries	\$ 32,700.00
	Classified Salaries	198,278.00
	Wages	1,800.00
	Maintenance and Operation	20,000.00
	Equipment	10,500.00
	Travel	3,000.00
	Operative Dentistry - Teaching	
	Salaries	26,900.00
	Periodontics - Classified	
	Salaries	4,830.00
For :	To establish budgets consistent with reorganization of these departments. (RBC 106)	
2. Amount of Transfer:	\$15,000.00	
To :	Office of Student Services -	
	Maintenance and Operation	\$15,000.00
From :	Unallocated - General	
	Administration	\$ 8,000.00
	Departmental Operating	
	Expense - Dental	7,000.00
For :	To provide additional funds needed for pro-rated expenses of Central Applications Office. (RBC 124)	

AMENDMENTS TO THE 1972-73 OPERATING BUDGET: (continued)

3. Amount of Transfer:	\$49,366.60	
To :	Office of the Purchasing Agent-	
	Classified Salaries	\$ 672.00
	Pediatrics - Classified Salaries	708.00
	Surgery - Classified Salaries	304.00
	Surgery - Wages	500.00
	Anatomy - Teaching Assistants	2,601.60
	Anatomy - Classified Salaries	19,110.00
	Anatomy - Maintenance and Operation	9,910.00
	Biochemistry - Teaching Assistants	4,000.00
	Pathology - Wages	3,917.00
	Pharmacology - Maintenance and Operation	800.00
	Diagnosis and Roentgenology - Classified Salaries	2,484.00
	Prosthodontics - Classified Salaries	180.00
	Bioengineering - Teaching Assistants	4,000.00
	Out-Patient Clinic - Classified Salaries	180.00
From :	Unallocated General Admin- istration	\$ 672.00
	Unallocated - Medical School	1,512.00
	Anatomy - Teaching Salaries	8,925.00
	Anatomy - Wages	1,200.00
	Biochemistry - Teaching Salaries	4,000.00
	Pathology - Classified Salaries	11,873.00
	Technical Services - Classified Salaries	2,664.00
	Unallocated - Graduate School	4,000.00
	Out-Patient Clinic - Maintenance and Operation	180.00
	Unallocated - Resident Instruction	14,340.60
For :	To provide funds needed for more effective operation of these departments and to provide funds for additional personnel. (RBC 97)	
4. Amount of Transfer:	\$748,507.07	
To :	Unallocated - Resident Instruction	\$748,507.07
From :	Anesthesiology - Teaching Salaries	\$ 33,450.00
	Family Practice - Teaching Salaries	52,875.00
	Medicine - Teaching Salaries	151,097.91
	Obstetrics and Gynecology - Teaching Salaries	83.44
	Pediatrics - Teaching Salaries	42,691.65

AMENDMENTS TO THE 1973-74 OPERATING BUDGET: (continued)

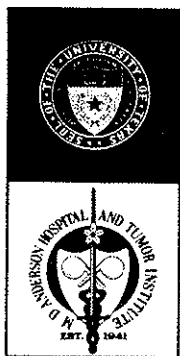
Psychiatry - Teaching Salaries	36,414.77
Radiology - Teaching Salaries	60,000.00
Surgery - Teaching Salaries	58,958.26
Biochemistry - Teaching Salaries	53,000.00
Microbiology - Teaching Salaries	38,010.03
Pathology - Teaching Salaries	28,424.73
Pharmacology - Teaching Salaries	22,238.48
Physiology - Teaching Salaries	14,795.29
Dental Anatomy - Teaching Salaries	39,840.00
Diagnosis and Roentgenology - Teaching Salaries	4,000.00
Endodontics - Teaching Salaries	32,000.00
Operative - Teaching Salaries	4,000.00
Orthodontics - Teaching Salaries	36,000.00
Pedodontics - Teaching Salaries	32,000.00
Graduate School Instruction - Teaching Salaries	8,627.51
For : To lapse unused Teaching Salaries. (RBC 128)	

BUDGET ADJUSTMENT:San Antonio Health Science Center

5. Amount of Adjustment:	\$20,000.00
To : Library Services -	
Maintenance and Operation	\$15,000.00
Unallocated	5,000.00
From : Credit for Sales and Service	\$20,000.00
For : To establish anticipated income for services and budget for maintenance and operating expenses. (RBC 101)	
6. Amount of Adjustment:	\$6,000.00
To : Audio-Visual Services -	
Wages	\$1,000.00
Maintenance and Operation	2,000.00
Unallocated	3,000.00
From : Credit for Sales and Services	\$6,000.00
For : To establish budget in line with reorganization of this department. (RBC 107)	

AMENDMENTS TO THE 1973-74 OPERATING BUDGET: (continued)

7. Amount of Adjustment: \$75,000.00	
To : Graphic Services -	
Salaries	\$37,992.00
Wages	800.00
Equipment	2,000.00
Travel	1,400.00
Staff Benefits	3,000.00
Purchase of Materials	
for Resale	10,365.00
Unallocated	19,443.00
From: Credit for Sales and	
Services	\$75,000.00
For : To adjust budget for reor-	
ganization of this depart-	
ment. (RBC 108)	



THE UNIVERSITY OF TEXAS AT HOUSTON
M. D. ANDERSON HOSPITAL AND TUMOR INSTITUTE

Texas Medical Center Houston, Texas 77025

December 6, 1973

R. LEE CLARK, M. D., PRESIDENT

Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the February 1, 1974 meeting of the Board of Regents
is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely yours,

R. Lee Clark, M. D.
President

RLC:sk

THE UNIVERSITY OF TEXAS SYSTEM CANCER CENTER

DOCKET

Board of Regents Meeting February 1, 1974

GIFTS: The following gifts have been received and are submitted for formal approval of the Board of Regents.

<u>Donor</u>	<u>Purpose and Explanation</u>	<u>Amount</u>
<u>M. D. Anderson</u>		
1. Mrs. Sarah C. Blaffer, President Sarah Campbell Blaffer Foundation 521 Capital National Bank Building Houston, Texas 77002	Blaffer Foundation Fund for Cancer Research	\$100,000.00*
2. Mr. & Mrs. E. C. Sidwell Box 2475 Pampa, Texas	Expansion of M. D. Anderson Hospital. Total pledge \$25,000 with balance to be paid in 1974.	\$ 11,740.33 (300 Shares of Cooper Industries, Inc. Stock)
3. The Kelsey & Leary Foundation Thomas D. Anderson, Chairman Board of Trustees 6624 Fannin Houston, Texas 77025	For Use by Dr. C. C. Shullenberger in "Immunolo- gical Studies in Hodgkin's Disease and Malignant Lymphoma"	\$ 10,000.00
4. Mrs. Harmon Whittington 2416 Pine Valley Court Houston, Texas 77019	Expansion of M. D. Anderson Hospital	\$ 26,014.97 (150 Shares of Halliburton Stock)
5. Duke of Alba Family Banco Espanol de Credito Room 2506, Seagram Building 375 Park Avenue New York, New York 10022	Gift for Use in Director's Education & Research	\$ 5,000.00
6. Mr. R. C. Johnson, Jr. 3009 23rd Street Lubbock, Texas 79410	Expansion of M. D. Anderson Hospital	\$ 10,000.00
7. Atlantic Richfield Foundation Mr. W. Bruce Evans, Secretary 515 South Flower Street Los Angeles, California 90071	Expansion of M. D. Anderson Hospital	\$ 20,000.00
8. Mr. Peter Levitch Director of Regulatory Affairs Ortho Research Foundation, Diagnostics Raritan, New Jersey 08869	For Use by Dr. Evan M. Hersh in support of research project "Levamisole HCl (DT1p/RH29)." Final payment of total pledge of \$25,000.	\$ 5,000.00
9. Dresser Harbison Foundation, Inc. Mr. C. C. Hill, Treasurer P. O. Box 718 Dallas, Texas 75221	Expansion of M. D. Anderson Hospital. Total pledge \$15,000 with installments to be paid.	\$ 5,000.00
10. Mrs. P. E. Turner 950 Houston Club Building Houston, Texas 77002	Expansion of M. D. Anderson Hospital. Total pledge \$45,000 with installments to be paid in 1974 and 1975. Stock)	\$ 15,727.29 (165 Shares of Exxon Corporation)

* No Letter of Transmittal Received

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GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL): The following grant has been awarded and is submitted for formal approval of the Board of Regents.

M. D. Anderson

1. American Cancer Society, Inc. Grant No. CI-78B provides new funds in the amount of \$27,975 for the period January 1, 1974 through December 31, 1974, the total project period. This grant provides support for research in the role of the nonendocrine tumors in hormone production. The majority of the expenditures from this award will be made in Harris County. This grant is under the direction of Dr. Naguib A. Samaan.

BUSINESS CONTRACTS: The following contracts have been negotiated by the Business Manager and have been approved by the System Comptroller, the Deputy Chancellor for Administration, and the State Board of Control. I recommend your approval and ratification of signatures.

M. D. Anderson

1. Amend State Board of Control Lease Agreement UH-6095L with the Center Pavilion Hospital Corporation to add 2,000 square feet of space for a revised total of 22,740 square feet at the rate of \$.39 cents per square foot per month effective November 1, 1973 through August 31, 1977. This lease agreement was previously docketed as Item No. 1, Page No. CC-4 at the October 26, 1973 Board of Regents meeting.

400

2. Lease Agreement with the Cenco Hospital and Convalescent Homes Corporation for 300 square feet of space at the rate of \$.50 per square foot per month in the Center Pavilion Hospital for use in a clinical research program supported from National Institutes of Health contract funds for the Department of Developmental Therapeutics, effective November 1, 1973 through October 31, 1975. The agreement provides for termination by either party on ninety days written notice.

THE UNIVERSITY OF TEXAS SYSTEM CANCER CENTER

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL)
Board of Regents Meeting February 1, 1974

The following Contracts, Grants and Amendments have been awarded and are submitted for formal approval of the Board of Regents.

M. D. Anderson

1. Department of Health, Education and Welfare, Public Health Service, National Cancer Institute Grant No. 2 R10 CA11844-16 CCI revises the grant award to reflect a budgetary transfer to patient costs in the amount of \$11,000 which was previously shown incorrectly in the travel category. This has been revised for the period June 1, 1973 through April 30, 1974, the total project period. This grant provides funds for a special ambulatory program for patients with leukemia to provide out-of-hospital care for children with acute leukemia who are involved in investigative clinical studies. The majority of the expenditures from this award will be made in Harris County. This grant is under the direction of Dr. Margaret P. Sullivan.
2. Department of Health, Education and Welfare, Public Health Service, National Cancer Institute Contract No. N01-CP-43270 provides new funds in the amount of \$83,550 for the period October 27, 1973 through October 26, 1974, the total project period. This contract provides funds for research in non-histone DNA binding proteins. The majority of the expenditures from this award will be made in Harris County. This contract is under the direction of Dr. Lubomir S. Hnilica.
3. Department of Health, Education and Welfare, Public Health Service, National Cancer Institute Grant No. 1 R01 HD07752-01 ALY provides new funds in the amount of \$28,975 plus appropriate indirect costs for the period November 1, 1973 through October 31, 1974. The total project period for this grant is November 1, 1973 through October 31, 1976. This grant provides support for research in cell membrane receptors for maternofetal transfer of IGG. The majority of the expenditures from this award will be made in Harris County. This grant is under the direction of Dr. Max Schlamowitz.
4. Department of Health, Education and Welfare, Public Health Service, National Cancer Institute Grant No. 3 P01 CA12542-02S1 CAP provides supplemental funds in the amount of \$65,914 plus appropriate indirect costs for the period May 1, 1973 through April 30, 1974. The total project period for this grant is May 1, 1972 through April 30, 1975. This supplemental award brings the total amount awarded to \$505,738 plus appropriate indirect costs for the period May 1, 1973 through April 30, 1974. This grant provides support for fast neutron therapy with TAMVEC cyclotron. The majority of the expenditures from this award will be made in Harris County. This grant is under the direction of Dr. Gilbert H. Fletcher.

THE UNIVERSITY OF TEXAS SYSTEM CANCER CENTER

RECOMMENDED AMENDMENTS TO THE 1973-74 OPERATING BUDGET
Board of Regents Meeting February 1, 1974M. D. AndersonGeneral Administration (Business Office, Data Processing)

1. Appointment. George W. Chesleigh, Assistant Data Processing Supervisor, Business Office, Data Processing (General Funds) payable at the full time rate of \$15,000.00 per annum effective November 1, 1973. The source of funds for this appointment is the vacant budgeted position for Assistant Data Processing Supervisor. (RBC 75)

General Administration (Business Office, Payroll)

2. Temporary Appointment. Kathy Shields, Accounting Clerk I, Business Office, Payroll (General Funds), payable at the full time rate of \$5,832.00 per annum effective for the period September 1, 1973 through January 31, 1974. The source of funds for this appointment is the Reserve for Classified Salaries Account. (RBC 71)

General Administration (Business Office, Internal Audit)

3. Resignation. Bennie H. Wilcox, Internal Auditor, Business Office, Internal Audit, payable at the full time rate of \$16,500.00 per annum effective at the close of business November 12, 1973. Mr. Wilcox has been paid from Business Office, Internal Audit (General Funds). (RBC 69)

Medical Staff (Anesthesiology)

4. Appointment. Deborah J. Baylis, Clerk Typist I, Anesthesiology (General Funds), payable at the full time rate of \$4,776.00 per annum effective September 1, 1973. The source of funds for this appointment is the Reserve for Classified Salaries Account. (RBC 70)

Research (Medical Genetics)

5. Continuation of Appointment. James N. Baptist, Ph.D., Assistant Biologist (Without Tenure), payable at the full time rate of \$18,600.00 per annum from Medical Genetics (General Funds) effective for the period from October 1, 1973 through October 31, 1973. Effective November 1, 1973, Dr. Baptist will be paid against the renewal Grant NIH-2-R01-GM-15597. The source of funds for this action is the Reserve for Professional Salaries Account and available grant funds. (RBC 67)

Research (Experimental Surgery)

6. Change in Source of Funds. Irene Cox, Research Assistant, Department of Experimental Surgery, from 5S01-RR-5511-11 payable at the full time rate of \$13,452.00 per annum to Experimental Surgery (General Funds), payable at the full time rate of \$13,452.00 per annum effective September 1, 1973. The source of funds for this action is the budgeted position for Research Assistant in Department of Surgery and the Reserve for Classified Salaries Account. (RBC 73)

Research (Developmental Therapeutics)

7. Change in Source of Funds. Richard C. Reed, M. D., Faculty Associate in Developmental Therapeutics (Without Tenure), Developmental Therapeutics, from Grant NIH-5-R10-CA-08859 payable at the full time rate of \$20,000.00 per annum to Contract NIH-N01-CB-33888 payable at the full time rate of \$20,000.00 per annum effective September 1, 1973. The source of funds for this action is available contract funds. (RBC 74)

8. Change in Source of Funds. Victorio Rodriguez, M. D., Assistant Internist and Assistant Professor of Medicine (Without Tenure), Developmental Therapeutics from the fifty-one percent time rate of \$12,000.00 per annum payable from Grant NIH-5-P02-CA-05831-06 and the forty-nine percent time rate of \$11,500.00 per annum payable from Grant NIH-2-R10-CA-10042 to the fifty-one percent time rate of \$12,000.00 per annum payable from Contract NIH-N01-CM-12094 and the forty-nine percent time rate of \$11,500.00 per annum payable from Grant NIH-2-R10-CA10042 (total salary \$23,500.00) effective November 1, 1973. The source of funds for this action is available grant and contract funds. (RBC 78)

9. Change in Source of Funds. Potu N. Rao, Ph.D., Associate Biologist and Associate Professor of Developmental Therapeutics (Cell Biology) (Without Tenure), from the seventy-five percent time rate of \$18,000.00 per annum payable from Developmental Therapeutics (General Funds) and the twenty-five percent time rate of \$6,100.00 per annum payable from Grant NIH-5-P01-CA-11520 to the twenty-five percent time rate of \$6,000.00 per annum payable from Developmental Therapeutics (General Funds), the fifty percent time rate of \$12,000.00 per annum payable from Grant NIH-5-P02-CA-05831-06 and the twenty-five percent time rate of \$6,100.00 per annum payable from Grant 5-P01-CA-11520 (total salary \$24,100.00) effective November 1, 1973. The source of funds for this action is the budgeted position and available grant funds. (RBC 79)

Research (Computer Science Laboratory of the Institute of Biomathematics)

10. Change in Source of Funds. Lawrence E. Newton, Systems Analyst, Biomathematics, from the twenty-seven percent time rate of \$5,320.00 per annum payable from Research Computer Facility Fund, the twenty-four percent time rate of \$4,730.00 per annum payable from Grant NIH-5-R01-CA-11430 and the forty-nine percent time rate of \$9,650.00 per annum payable from Grant NIH-5-P02-CA-06294 (total salary \$19,700.00) to the fifty-one percent time rate of \$10,050.00 per annum payable from Grant NIH-5-R01-CA-11430 and the forty-nine percent time rate of \$9,650.00 per annum payable from Grant NIH-5-P02-CA-06294 (total salary \$19,700.00) effective September 1, 1973. The source of funds for this action is available grant funds. (RBC 66)

11. Correction of Title. Charles F. Walter, Ph.D., Computer Science Laboratory Institute of Biomathematics (General Funds) from Associate Biomathematician and Assistant Professor of Biomathematics and Biochemistry (Without Tenure), to Associate Biomathematician and Associate Professor of Biomathematics and Biochemistry (Without Tenure), payable at the full time rate of \$25,500.00 per annum effective September 1, 1973. Dr. Walter is on a month-to-month appointment not to exceed December 31, 1973. The source of funds for this action is the budgeted position of Associate Biomathematician and Assistant Professor of Biomathematics and Biochemistry. (RBC 72)

Patient Care Activities (Surgical Services)

12. Transfer of Funds. Transfer funds in the amount of \$5,000.00 to Surgical Services, Maintenance and Operation Account from the Reserve for Maintenance and Operation Account to provide funds for additional expenditures for operations not previously anticipated. (RBC 76)

General Services (Communications)

13. Appointment. Adeline N. Benavides, Switchboard Operator, Communications (General Funds) payable at the full time rate of \$4,776.00 per annum effective October 1, 1973. The source of funds for this appointment is the Reserve for Classified Salaries Account. (RBC 68)

Anderson-Mayfair

14. Appointment. Frank R. Gomez, Head Chef, Anderson-Mayfair payable at the full time rate of \$9,600.00 per annum effective October 9, 1973. The source of funds for this action is the vacant budgeted position for Kitchen Manager. (RBC 77)



THE UNIVERSITY OF TEXAS
SYSTEM SCHOOL OF NURSING

SYSTEM OFFICES
214 ARCHWAY
AUSTIN, TEXAS 78712

AUSTIN
EL PASO
FORT WORTH

GALVESTON
HOUSTON
SAN ANTONIO

December 7, 1974

Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the February 1, 1974 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,

A handwritten signature in cursive script that reads "Marilyn D. Willman".

Marilyn D. Willman
President

THE UNIVERSITY OF TEXAS SYSTEM SCHOOL OF NURSING

Austin - El Paso - Fort Worth - Galveston - Houston - San Antonio

February 1, 1974

GIFTS: The following gift has been received by the Nursing School from the Hotel Dieu School of Nursing, Inc. The original gift was given to the Hotel Dieu School of Nursing, Inc. by Mrs. Hana Farah. With the phase out of the Hotel Dieu program, the gift is now being transferred to the Nursing School. I recommend acceptance and that the appreciation of the Board of Regents be sent the donors by the Secretary:

<u>Donor</u>	<u>Purpose and Condition</u>	<u>Amount</u>
Mrs. Hana Farah Post Office Box 9519 El Paso, Texas 79985 and Hotel Dieu School of Nursing, Inc. 1101 North Campbell El Paso, Texas 79902	Scholarships and loans to El Paso Nursing students and shall bear the name "Mansour and James Farah Memorial Fund".	\$18,366.05*

*No letter of transmittal from donor.

ADJUNCT ASSOCIATE PROFESSORFort Worth Nursing School

1. The President, Dean and faculty of the Fort Worth Nursing School recommend the appointment of Dr. James W. Finney, Director of Biomedical Applications, Tarrant County Hospital District, as Adjunct Associate Professor (without compensation) for the 1973-74 academic year.

San Antonio Nursing School

1. The President, Dean and faculty of the San Antonio Nursing School recommend the appointment of Dr. Harold D. Dickson, Associate Director, Regional Health Services Research Institute, San Antonio Health Science Center, as Adjunct Associate Professor (without compensation) for the 1973-74 academic year.

CLINICAL ASSISTANT PROFESSORFort Worth Nursing School

1. The President, Dean and faculty of the Fort Worth Nursing School recommend the appointment of Dr. H. E. Eugene Bonham, Major, USAF, MC, Chief, Mental Health Services, Carswell Air Force Base, as Clinical Assistant Professor (without compensation) for the 1973-74 academic year.

Houston Nursing School

1. The President, Dean and faculty of the Houston Nursing School recommend the appointment of Miss Sudie Cornell, Director of Nursing and Coordinator of Nursing Research and Education, Texas Institute for Rehabilitation and Research, as Clinical Assistant Professor (without compensation) for the academic year 1973-74.

2. The President, Dean and faculty of the Houston Nursing School recommend the appointment of Miss Jeanette Kernicki, Coordinator of Special Programs, Methodist Hospital, as Clinical Assistant Professor (without compensation) for the academic year 1973-74

THE UNIVERSITY OF TEXAS SYSTEM SCHOOL OF NURSING

Austin - El Paso - Fort Worth - Galveston - Houston - San Antonio

February 1, 1974

PROPOSED CHANGE FOR 1973-74 SCHOOL OF NURSING CATALOGUE

Amend graduate course description as follows:

195, 295, 395, 495. Topics in Nursing.—Detailed or indepth study in a specific topic area. Topic, (and) mode of study, and credit to be granted are agreed upon by student(s) and instructor. Registration may be repeated with varied topics. Prerequisite: Graduate standing and consent of instructor. One, two, three, or four semester hours.

GRANTS, CONTRACTS AND AGREEMENTS (State)

Galveston Nursing School

1. IAC (74-75)-0503, between The University of Texas System School of Nursing and The University of Texas Medical Branch at Galveston, for the period December 1, 1973 and August 31, 1974, whereby the Galveston Medical Branch will furnish the use of their library and library services to the Galveston Nursing School's faculty and students. The amount of this contract will not exceed \$13,600.

THE UNIVERSITY OF TEXAS SYSTEM SCHOOL OF NURSING
 RECOMMENDED AMENDMENTS TO THE 1973-74 BUDGET
 BOARD OF REGENTS MEETING FEBRUARY 1, 1974

System Nursing School

1. Transfer of Funds:

From:	Continuing Education Division Maintenance, Operation and Equipment	\$ 200.00
To:	Continuing Education Division Wages	\$ 200.00
For:	To provide matching funds for Continuing Education College Work- Study Program. (RBC# N-105)	

El Paso Nursing School

2. Resignation of Kathryn O. Johnson, Instructor (Non-tenure) at a 9 months rate of \$11,400 effective August 31, 1973. (RBC# N-101)

San Antonio Nursing School

3. Appointment of Margaret E. Nicolls, Instructor (Non-tenure) at a 9 months rate of \$11,000 for the period September 1, 1973 through May 31, 1974. Source of Funds: Teaching Salaries (one-half); C. E. Satellite Center Program (one-half). (RBC# N-97 and N-98)

4. CURRENT GENERAL FUNDS - August 31, 1973 Balances to be Reappropriated
to 1973-74

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
<u>System Offices</u>		
914-0205-0010	Classified Personnel	\$ 362.92
914-0205-0020	Wages	1,344.86
914-0205-0050	Maintenance, Operation and Equipment	1,232.78
914-0205-0075	Travel	1,415.72
914-0650-1100	Unallocated Account	38,966.77
<u>Austin Nursing School</u>		
914-1402-2050	Maintenance, Operation and Equipment	1,708.55
914-1402-2075	Travel	105.88
<u>Galveston Nursing School</u>		
914-1403-2003	Summer Session Teaching Salaries	32.20*
914-1403-2020	Wages	121.55
914-1403-2050	Maintenance, Operation and Equipment	2,486.32
914-1403-2075	Travel	141.42
<u>San Antonio Nursing School</u>		
914-1404-2003	Summer Session Teaching Salaries	8,000.00
914-1404-2010	Classified Salaries	1,219.64
914-1404-2020	Wages	94.36
914-1404-2050	Maintenance, Operation and Equipment	691.01
914-1404-2075	Travel	1,223.01
914-1404-2100	Contract Instruction	175.00
<u>El Paso Nursing School</u>		
914-1405-2010	Classified Personnel	854.00
914-1405-2050	Maintenance, Operation and Equipment	2,827.70
914-1405-2055	Maintenance of Facilities	8,403.00
914-1405-2075	Travel	837.56
<u>Fort Worth Nursing School</u>		
914-1406-2010	Classified Personnel	767.30
914-1406-2050	Maintenance, Operation and Equipment	3,159.57
914-1406-2075	Travel	581.80
<u>Houston Nursing School</u>		
914-1407-2050	Maintenance, Operation and Equipment	2,663.22
914-1407-2055	Maintenance of Facilities	1,232.64
914-1407-2075	Travel	294.23
		<u>\$80,878.61</u>

*Denotes negative balance
(RBC# N-104)

LAND AND INVESTMENT REPORT

Meeting of February 1, 1974

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LAND AND INVESTMENT REPORT

For Month Ended October 31, 1973

I. PERMANENT UNIVERSITY FUND

PERMANENT UNIVERSITY FUND - INVESTMENT MATTERS.--

REPORT ON SECURITIES TRANSACTIONS.--The following securities transactions have been made for the Permanent University Fund in October, 1973. The Associate Deputy Chancellor for Investments, Trusts and Lands recommends approval by the Board of Regents of these transactions.

COMPARISON
SUMMARY OF ASSETS

SECURITY	BOOK VALUE 10/31/72	BOOK YIELD 10/31/72	BOOK VALUE 10/31/73	BOOK YIELD 10/31/73
<u>DEBT SECURITIES:</u>				
U. S. Government Obligations--				
Treasury Bonds	\$ 99,547,246.14	4.60%	\$ 81,752,775.59	5.06%
Various Government Guaranteed Bonds	24,538,541.42	6.91	29,810,800.92	6.96
FHA Mortgages	<u>15,370,235.14</u>	<u>7.01</u>	<u>13,754,027.66</u>	<u>7.01</u>
TOTAL - U. S. Government Obligations	<u>139,456,022.70</u>	<u>5.27</u>	<u>125,317,604.17</u>	<u>5.73</u>
Corporate Bonds	<u>236,570,750.18</u>	<u>4.93</u>	<u>243,878,760.33</u>	<u>4.97</u>
TOTAL - DEBT SECURITIES	<u>376,026,772.88</u>	<u>5.06</u>	<u>369,196,364.50</u>	<u>5.23</u>
<u>EQUITY SECURITIES:</u>				
Convertible Debentures	11,269,040.32	5.26	10,097,290.00	5.42
Convertible Preferred Stocks	8,839,695.50	3.66	6,342,900.64	3.80
Common Stocks	<u>240,419,112.23</u>	<u>4.32</u>	<u>249,378,761.02</u>	<u>4.71</u>
TOTAL - EQUITY SECURITIES	<u>260,527,848.05</u>	<u>4.34</u>	<u>265,818,951.66</u>	<u>4.72</u>
TOTAL - LONG TERM INVESTMENTS	<u>636,554,620.93</u>	<u>4.77</u>	<u>635,015,316.16</u>	<u>5.02</u>
<u>CASH & EQUIVALENT:</u>				
Short Term U. S. Treasury Securities	---	---	24,585,163.62	6.31
Commercial Paper	2,000,000.00	<u>5.04</u>	13,082,000.00	<u>8.84</u>
Investment Transactions-- Accounts Receivable	92,923.94		3,000.00	
Cash	<u>804,662.92</u>		<u>467,686.01</u>	
TOTAL - CASH & EQUIVALENT	<u>2,897,586.86</u>		<u>38,137,849.63</u>	<u>7.10</u>
TOTAL - SECURITIES, CASH & EQUIVALENT	<u>\$639,452,207.79</u>	<u>4.76%</u>	<u>\$673,153,165.79*</u>	<u>5.14%</u>

*Includes \$39,165,771.56 Realized Net Profit

Indicated Annual Income \$ 30,437,925.00 \$ 34,600,072.00

SUMMARY OF TRANSACTIONS
October 31, 1973

	Cost	Yield at Cost
Purchases:		
Corporate Bonds	\$ 346,926.75	7.92%
Common Stocks	7,180,307.57	5.08
TOTAL STOCK AND BOND PURCHASES	\$ 7,527,234.32	5.21%
	Proceeds	Gain or (Loss)
Bond Maturities and Prepayments:		
U. S. Government Obligations (Guaranteed)--		
Various Govt. Guaranteed Bonds	\$ 185,985.81	\$ 2,849.19
FHA Mortgages	179,615.33	-0-
TOTAL BOND MATURITIES AND PREPAYMENTS	\$ 365,601.14	\$ 2,849.19

PERMANENT UNIVERSITY FUND BOOK VALUE

September 30, 1973 Balance		\$671,246,405.63
Additions (October, 1973)		
Realized Net Gain or (Loss)		
on Security Transactions	\$ 2,849.19	
From General Land Office	1,903,910.97	1,906,760.16
October 31, 1973 Balance		\$673,153,165.79

INVESTMENTS ACQUIRED

Par Value or No. Shares	Description	Price	Total Net Cost	Yield at Cost
<u>CORPORATE BONDS:</u>				
\$ 100,000	Florida Power & Light Co. 4-5/8% 1st Mtge., due 4/1/94	\$ 67.03	\$ 67,030.00	7.90%
100,000	Long Island Lighting Co. 4-1/8% 1st Mtge., due 5/1/88	68.50	68,500.00	7.78
200,000	Mississippi Power & Light Co. 5-1/8% 1st Mtge., due 1/1/96	71.146	142,292.00	7.90
41,000	Southern Electric Generating Co. 5-1/4% 1st Mtge., Series 1961, due 6/1/92	71.50	29,315.00	8.28
55,000	Wisconsin Electric Power Co. 5% 1st Mtge., due 11/15/90	72.345	<u>39,789.75</u>	<u>8.00</u>
TOTAL - Corporate Bonds			<u>346,926.75</u>	<u>7.92</u>
<u>COMMON STOCKS:</u>				
25,000 Shs.	Allegheny Power System, Inc.	19.997	499,922.68	7.20
5,000 "	Beatrice Foods Co.	24.696	123,479.80	2.51
60,800 "	Central & South West Corp.	21.11	1,283,396.62	5.12
37,000 "	Continental Telephone Corp.	22.78	842,802.38	4.04
20,970 "	Florida Power & Light Co.	36.50	765,405.00	3.34
20,000 "	General Foods Corp.	27.44	548,799.60	5.10
10,000 "	Gulf States Utilities Co.	18.775	187,753.05	5.96
40,000 "	Middle South Utilities, Inc.	22.00	880,016.55	5.45
12,200 "	Tampa Electric Co.	18.898	230,549.75	4.66
70,000 "	United Telecommunications, Inc.	19.28	1,349,432.14	5.40
25,000 "	Virginia Electric & Power Co.	18.75	<u>468,750.00</u>	<u>6.29</u>
TOTAL - Common Stocks			<u>7,180,307.57</u>	<u>5.08</u>
TOTAL - STOCKS AND BONDS			<u>7,527,234.32</u>	<u>5.21</u>
<u>COMMERCIAL PAPER:</u>				
\$ 626,000	Ford Motor Credit Co.	100.00	626,000.00	9.33
650,000	General Motors Acceptance Corp.	100.00	650,000.00	8.92
1,466,000	J. C. Penney Financial Corp.	100.00	<u>1,466,000.00</u>	<u>8.50</u>
TOTAL - Commercial Paper			<u>2,742,000.00</u>	<u>8.79</u>
TOTAL - INVESTMENTS ACQUIRED			<u>\$10,269,234.32</u>	<u>6.17%</u>

INVESTMENTS DISPOSED OF

Par Value or No. Shares	Description	Price	Total Net Proceeds	Gain or (Loss)
<u>BOND MATURITIES AND PREPAYMENTS</u>				
<u>U. S. GOVERNMENT OBLIGATIONS (Guaranteed):</u>				
<u>Various Government Guaranteed Bonds--</u>				
\$ 79,874.72	Farmers Home Administration Insured Notes	\$100.00	\$ 79,874.72	\$ 1,917.00
103,111.09	GNMA, Various Pools	100.00	103,111.09	945.21
3,000.00	U. S. Govt. Insured Merchant Marine Bonds, 7.85%, due 10/31/89	100.00	<u>3,000.00</u>	(<u>13.02</u>)
	TOTAL - Various Government Guaranteed Bonds		<u>185,985.81</u>	<u>2,849.19</u>
<u>FHA Mortgages--</u>				
179,615.33	Principal Payments	100.00	<u>179,615.33</u>	<u>-0-</u>
	TOTAL - U. S. Government Obligations (TOTAL - LONG TERM INVESTMENTS)		<u>365,601.14</u>	<u>2,849.19</u>
<u>COMMERCIAL PAPER:</u>				
\$ 948,000	Ford Motor Credit Co.	100.00	948,000.00	-0-
6,179,100	General Motors Acceptance Corp.	100.00	6,179,100.00	-0-
1,343,000	Sears Roebuck Acceptance Corp.	100.00	<u>1,343,000.00</u>	<u>-0-</u>
	TOTAL - Commercial Paper		<u>8,470,100.00</u>	<u>-0-</u>
	TOTAL - INVESTMENTS DISPOSED OF		<u>\$ 8,835,701.14</u>	<u>\$ 2,849.19</u>

BOND MATURITIES AND PREPAYMENTS
(October, 1973)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>
<u>U. S. Government Obligations (Guaranteed)</u>			
<u>Farmers Home Administration</u>			
\$ 79,874.72	Farmers Home Administration 6% Insured Notes, due 12/14/91	\$ 79,874.72	\$ 1,917.00
<u>GNMA Pass-Throughs</u>			
5,978.69	GNMA, Pass-Through Pool #92, 8%, due 2/15/2001	5,978.69	(94.46)
354.43	GNMA, Pass-Through Pool #114, 8%, due 1/15/2001	354.43	(80.99)
812.34	GNMA, Pass-Through Pool #152, 8%, due 2/15/2001	812.34	(178.47)
732.75	GNMA, Pass-Through Pool #236, 8%, due 1/15/2001	732.75	(105.08)
6,477.88	GNMA, Pass-Through Pool #456, 8%, due 4/15/2001	6,477.88	(521.47)
7,170.90	GNMA, Pass-Through Pool #650, 8%, due 4/15/2001	7,170.90	(237.36)
26,890.04	GNMA, Pass-Through Pool #682, 7-1/2%, due 5/15/2001	26,890.04	(852.41)
8,019.79	GNMA, Pass-Through Pool #832, 6-1/2%, due 1/15/2002	8,019.79	355.28
4,425.89	GNMA, Pass-Through Pool #852, 6-1/2%, due 1/15/2002	4,425.89	185.00
6,040.67	GNMA, Pass-Through Pool #905, 6-1/2%, due 7/15/2001	6,040.67	354.59
450.89	GNMA, Pass-Through Pool #920, 8%, due 9/15/2001	450.89	1.17
478.90	GNMA, Pass-Through Pool #1029, 6-1/2%, due 12/15/2001	478.90	30.51
1,696.76	GNMA, Pass-Through Pool #1033, 6-1/2%, due 2/15/2002	1,696.76	70.92
953.60	GNMA, Pass-Through Pool #1105, 6-1/2%, due 1/15/2002	953.60	34.81
975.74	GNMA, Pass-Through Pool #1157, 6-1/2%, due 1/15/2002	975.74	43.23
3,610.61	GNMA, Pass-Through Pool #1252, 6-1/2%, due 1/15/2002	3,610.61	115.18
2,696.87	GNMA, Pass-Through Pool #1306, 6-1/2%, due 1/15/2002	2,696.87	116.24
1,823.43	GNMA, Pass-Through Pool #1997, 6-1/2%, due 8/15/2002	1,823.43	92.45
13,059.51	GNMA, Pass-Through Pool #2084, 7%, due 9/15/2002	13,059.51	161.94
10,461.40	GNMA, Pass-Through Pool #2455, 5-1/2%, due 2/15/99	10,461.40	1,454.13
<u>103,111.09</u>	Total GNMA Pass-Throughs	<u>103,111.09</u>	<u>945.21</u>
<u>Other</u>			
<u>3,000.00</u>	U. S. Govt. Insured Merchant Marine Bonds, 653 Leasing Co. 7.85% Sinking Fund Bonds, due 10/31/89	<u>3,000.00</u>	(<u>13.02</u>)
<u>\$ 185,985.81</u>	TOTAL BOND MATURITIES AND PREPAYMENTS	<u>\$ 185,985.81</u>	<u>\$ 2,849.19</u>

CASH STATEMENT
October 31, 1973

	Permanent Fund	Available Fund
<u>RECEIPTS:</u>		
From General Land Office	\$ 1,903,910.97	
From Disposition of Securities:		
U. S. Government Obligations		
Farmers Home Administration	79,874.72	
GNMA Principal Payments	103,111.09	
Other Govt. Guaranteed Bonds	3,000.00	
FHA Mortgages	179,615.33	
Commercial Paper	8,470,100.00	
Interest Collected:		
U. S. Government Obligations		
U. S. Treasury Securities		\$ 294,000.00
Farmers Home Administration		3,272.26
GNMA Interest Payments		150,714.48
Other Govt. Guaranteed Bonds		(15.29)
FHA Mortgages		75,891.30
Corporate Bonds		901,925.67
Convertible Debentures		102,710.00
Commercial Paper		183,172.05
Dividends Collected:		
Common and Preferred Stocks		842,207.11
Amortization of Premium	2,804.10	
TOTAL RECEIPTS	10,742,416.21	\$2,553,877.58
Cash on Hand 10/1/73	30,036.43	
TOTAL RECEIPTS AND CASH	\$10,772,452.64	

CASH STATEMENT
October 31, 1973
(Continued)

	Permanent Fund	Available Fund
<u>DISBURSEMENTS:</u>		
Securities Acquired:		
Corporate Bonds	\$ 346,926.75	
Common Stocks	7,180,307.57	
Commercial Paper	2,742,000.00	
Amortization of Discount	32,532.31	
To Clear Out Available Fund		\$2,553,877.58
TOTAL DISBURSEMENTS	10,301,766.63	\$2,553,877.58
Cash and Receivables 10/31/73:		
Cash on Hand	467,686.01	
Accounts Receivable	3,000.00	
TOTAL DISBURSEMENTS, CASH AND RECEIVABLES	\$10,772,452.64	

LAND AND INVESTMENT REPORT

For Month Ended November 30, 1973

I. PERMANENT UNIVERSITY FUND

PERMANENT UNIVERSITY FUND - INVESTMENT MATTERS.--

REPORT ON SECURITIES TRANSACTIONS.--The following securities transactions have been made for the Permanent University Fund in November, 1973. The Associate Deputy Chancellor for Investments, Trusts and Lands recommends approval by the Board of Regents of these transactions.

COMPARISON
SUMMARY OF ASSETS

SECURITY	BOOK VALUE 11/30/72	BOOK YIELD 11/30/72	BOOK VALUE 11/30/73	BOOK YIELD 11/30/73
<u>DEBT SECURITIES:</u>				
U. S. Government Obligations--				
Treasury Bonds	\$ 92,894,756.75	4.95%	\$ 81,760,282.43	5.06%
Various Government Guaranteed Bonds	24,339,547.37	6.91	31,756,249.04	7.02
FHA Mortgages	<u>15,244,954.38</u>	<u>7.01</u>	<u>13,732,193.73</u>	<u>7.01</u>
TOTAL - U. S. Government Obligations	<u>132,479,258.50</u>	<u>5.55</u>	<u>127,248,725.20</u>	<u>5.76</u>
Corporate Bonds	<u>239,673,571.55</u>	<u>4.93</u>	<u>244,909,923.59</u>	<u>4.98</u>
TOTAL - DEBT SECURITIES	<u>372,152,830.05</u>	<u>5.15</u>	<u>372,158,648.79</u>	<u>5.25</u>
<u>EQUITY SECURITIES:</u>				
Convertible Debentures	12,296,880.32	5.31	10,097,290.00	5.42
Convertible Preferred Stocks	8,839,695.50	3.66	6,342,900.64	3.80
Common Stocks	<u>243,467,918.46</u>	<u>4.31</u>	<u>254,325,351.63</u>	<u>4.80</u>
TOTAL - EQUITY SECURITIES	<u>264,604,494.28</u>	<u>4.33</u>	<u>270,765,542.27</u>	<u>4.80</u>
TOTAL - LONG TERM INVESTMENTS	<u>636,757,324.33</u>	<u>4.81</u>	<u>642,924,191.06</u>	<u>5.06</u>
<u>CASH & EQUIVALENT:</u>				
Short Term U. S. Treasury Securities	--	--	22,199,149.29	6.46
Commercial Paper	3,281,000.00	<u>5.01</u>	9,174,000.00	<u>9.26</u>
Investment Transactions--				
Accounts Receivable	924,759.03		5,224.94	
Accounts Payable	61,541.38		-0-	
Cash	<u>577,548.74</u>		<u>106,676.64</u>	
TOTAL - CASH & EQUIVALENT	<u>4,844,849.15</u>		<u>31,485,050.87</u>	<u>7.25</u>
TOTAL - SECURITIES, CASH & EQUIVALENT	<u>\$641,602,173.48</u>	<u>4.80%</u>	<u>\$674,409,241.93*</u>	<u>5.16%</u>

*Includes \$39,166,932.51 Realized Net Profit

Indicated Annual Income \$ 30,796,904.00 \$ 34,799,516.00

SUMMARY OF TRANSACTIONS
November 30, 1973

	Cost	Yield at Cost
Purchases:		
U. S. Government Obligations		
(Direct)	\$ 7,362,368.91	8.24%
(Guaranteed)	2,100,000.00	7.93
Corporate Bonds	1,000,000.00	8.125
Common Stocks	<u>4,946,590.61</u>	<u>5.30</u>
TOTAL STOCK AND BOND PURCHASES	<u>\$15,408,959.52</u>	<u>7.25%</u>
Bond Maturities and Prepayments:		
U. S. Government Obligations		
(Direct)	\$ 9,785,618.91	-0-
(Guaranteed)--		
Various Govt. Guaranteed Bonds	155,342.90	\$ 1,160.95
FHA Mortgages	<u>34,530.78</u>	<u>-0-</u>
TOTAL BOND MATURITIES AND PREPAYMENTS	<u>\$ 9,975,492.59</u>	<u>\$ 1,160.95</u>

PERMANENT UNIVERSITY FUND BOOK VALUE

October 31, 1973 Balance		\$673,153,165.79
Additions (November, 1973)		
Realized Net Gain or (Loss)		
on Security Transactions	\$ 1,160.95	
From General Land Office	<u>1,254,915.19</u>	<u>1,256,076.14</u>
November 30, 1973 Balance		<u>\$674,409,241.93</u>

INVESTMENTS ACQUIRED

Par Value, Maturity Value or No. Shares	Description	Price	Total Net Cost	Yield at Cost
<u>U. S. GOVERNMENT OBLIGATIONS (Direct and Guaranteed):</u>				
<u>Short Term Treasuries (Direct)--</u>				
\$4,300,000	Bills, due 11/29/73	\$ 99.665556	\$ 4,285,618.91	8.63%
3,100,000	4-1/8% Bonds, due 2/15/74	99.25	<u>3,076,750.00</u>	<u>7.69</u>
	TOTAL - Short Term Treasuries		<u>7,362,368.91</u>	<u>8.24</u>
<u>Various Government Guaranteed Bonds--</u>				
1,100,000	U. S. Govt. Guaranteed Interstate Land Development, Inc. New Community Debs., Series B, 7.95%, due 12/1/88	100.00	1,100,000.00	7.95
1,000,000	U. S. Govt. Guaranteed Newfields Development Corp. New Community Debs., Series A, 7.90%, due 11/15/93	100.00	<u>1,000,000.00</u>	<u>7.90</u>
	TOTAL - Various Government Guaranteed Bonds		<u>2,100,000.00</u>	<u>7.93</u>
	TOTAL - U. S. Government Obligations (Direct and Guaranteed)		<u>9,462,368.91</u>	<u>8.17</u>
<u>CORPORATE BONDS:</u>				
1,000,000	Wells Fargo & Co. 8-1/8% Promissory Notes, due 11/1/98	100.00	<u>1,000,000.00</u>	<u>8.125</u>
<u>COMMON STOCKS:</u>				
25,000 Shs.	Central & South West Corp.	19.625	490,625.00	5.50
78,300 "	Continental Telephone Corp.	21.622	1,693,062.35	4.25
15,000 "	Middle South Utilities, Inc.	20.401	306,015.72	5.88
35,000 "	Public Service Co. of Indiana, Inc.	37.75	1,321,250.00	6.41
49,800 "	Tampa Electric Co.	17.271	860,129.64	5.10
16,000 "	United Telecommunications, Inc.	17.75	<u>275,507.90</u>	<u>6.04</u>
	TOTAL - Common Stocks		<u>4,946,590.61</u>	<u>5.30</u>
	TOTAL - STOCKS AND BONDS		<u>15,408,959.52</u>	<u>7.25</u>
<u>COMMERCIAL PAPER:</u>				
\$2,559,000	J. C. Penney Financial Corp.	100.00	2,559,000.00	8.65
600,000	Sears Roebuck Acceptance Corp.	100.00	<u>600,000.00</u>	<u>9.625</u>
	TOTAL - Commercial Paper		<u>3,159,000.00</u>	<u>8.84</u>
	TOTAL - INVESTMENTS ACQUIRED		<u>\$18,567,959.52</u>	<u>7.52%</u>

INVESTMENTS DISPOSED OF

Par Value, Maturity Value or No. Shares	Description	Price	Total Net Proceeds	Gain or (Loss)
<u>BOND MATURITIES AND PREPAYMENTS</u>				
<u>U. S. GOVERNMENT OBLIGATIONS (Direct and Guaranteed):</u>				
<u>Short Term Treasuries (Direct)--</u>				
\$5,500,000	4-1/8% Bonds, due 11/15/73	\$100.00	\$ 5,500,000.00	-0-
4,300,000	Bills, due 11/29/73	100.00	<u>4,285,618.91</u>	<u>-0-</u>
	TOTAL - Short Term Treasuries		<u>9,785,618.91</u>	<u>-0-</u>
<u>Various Government Guaranteed Bonds--</u>				
155,342.90	GNMA, Various Pools	100.00	<u>155,342.90</u>	<u>\$ 1,160.95</u>
<u>FHA Mortgages (Guaranteed)--</u>				
34,530.78	Principal Payments	100.00	<u>34,530.78</u>	<u>-0-</u>
	TOTAL - U. S. Government Obligations		<u>9,975,492.59</u>	<u>1,160.95</u>
	(TOTAL - BOND MATURITIES AND PREPAYMENTS)			
<u>COMMERCIAL PAPER:</u>				
4,536,000	Ford Motor Credit Co.	100.00	4,536,000.00	-0-
215,000	General Motors Acceptance Corp.	100.00	215,000.00	-0-
400,000	J. C. Penney Financial Corp.	100.00	400,000.00	-0-
1,916,000	Sears Roebuck Acceptance Corp.	100.00	<u>1,916,000.00</u>	<u>-0-</u>
	TOTAL - Commercial Paper		<u>7,067,000.00</u>	<u>-0-</u>
	TOTAL - INVESTMENTS DISPOSED OF		<u>\$17,042,492.59</u>	<u>\$ 1,160.95</u>

BOND MATURITIES AND PREPAYMENTS
(November, 1973)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>
<u>U. S. Government Obligations (Direct and Guaranteed)</u>			
<u>Short Term Treasuries (Direct)</u>			
\$ 5,500,000.00	U. S. Treasury Bonds, 4-1/8%, due 11/15/73	\$ 5,500,000.00	\$ --
<u>4,300,000.00</u>	U. S. Treasury Bills, due 11/29/73	<u>4,285,618.91</u>	--
<u>9,800,000.00</u>	Total Short Term Treasuries (Direct)	<u>9,785,618.91</u>	--
<u>GNMA Pass-Throughs (Guaranteed)</u>			
2,716.94	GNMA, Pass-Through Pool #92, 8%, due 2/15/2001	2,716.94	(42.93)
357.03	GNMA, Pass-Through Pool #114, 8%, due 1/15/2001	357.03	(81.58)
8,098.13	GNMA, Pass-Through Pool #152, 8%, due 2/15/2001	8,098.13	(1,779.16)
732.59	GNMA, Pass-Through Pool #236, 8%, due 1/15/2001	732.59	(105.05)
1,334.44	GNMA, Pass-Through Pool #456, 8%, due 4/15/2001	1,334.44	(107.42)
1,587.50	GNMA, Pass-Through Pool #650, 8%, due 4/15/2001	1,587.50	(52.55)
29,292.65	GNMA, Pass-Through Pool #682, 7-1/2%, due 5/15/2001	29,292.65	(928.58)
10,218.05	GNMA, Pass-Through Pool #832, 6-1/2%, due 1/15/2002	10,218.05	452.66
3,973.40	GNMA, Pass-Through Pool #852, 6-1/2%, due 1/15/2002	3,973.40	166.09
7,703.86	GNMA, Pass-Through Pool #905, 6-1/2%, due 7/15/2001	7,703.86	452.22
8,894.36	GNMA, Pass-Through Pool #920, 8%, due 9/15/2001	8,894.36	23.13
481.83	GNMA, Pass-Through Pool #1029, 6-1/2%, due 12/15/2001	481.83	30.69
1,706.66	GNMA, Pass-Through Pool #1033, 6-1/2%, due 2/15/2002	1,706.66	71.34
1,171.35	GNMA, Pass-Through Pool #1105, 6-1/2%, due 1/15/2002	1,171.35	42.75
8,903.00	GNMA, Pass-Through Pool #1157, 6-1/2%, due 1/15/2002	8,903.00	394.40
12,818.76	GNMA, Pass-Through Pool #1252, 6-1/2%, due 1/15/2002	12,818.76	408.92
930.07	GNMA, Pass-Through Pool #1306, 6-1/2%, due 1/15/2002	930.07	40.09
12,854.69	GNMA, Pass-Through Pool #1997, 6-1/2%, due 8/15/2002	12,854.69	651.73
33,599.43	GNMA, Pass-Through Pool #2084, 7%, due 9/15/2002	33,599.43	416.63
<u>7,968.16</u>	GNMA, Pass-Through Pool #2455, 5-1/2%, due 2/15/99	<u>7,968.16</u>	<u>1,107.57</u>
<u>155,342.90</u>	Total GNMA Pass-Throughs (Guaranteed)	<u>155,342.90</u>	<u>1,160.95</u>
<u>\$ 9,955,342.90</u>	TOTAL BOND MATURITIES AND PREPAYMENTS	<u>\$ 9,940,961.81</u>	<u>\$ 1,160.95</u>

CASH STATEMENT
November 30, 1973

	<u>Permanent Fund</u>	<u>Available Fund</u>
<u>RECEIPTS:</u>		
From General Land Office	\$ 1,254,915.19	
From Disposition of Securities:		
U. S. Government Obligations		
U. S. Treasury Securities	9,785,618.91	
GNMA Principal Payments	155,342.90	
FHA Mortgages	34,530.78	
Commercial Paper	7,067,000.00	
Interest Collected:		
U. S. Government Obligations		
U. S. Treasury Securities		\$ 213,342.55
GNMA Interest Payments		152,174.88
Other Govt. Guaranteed Bonds		2,570.42
FHA Mortgages		88,024.13
Corporate Bonds		1,218,353.82
Convertible Debentures		32,500.00
Commercial Paper		78,182.70
Dividends Collected:		
Common and Preferred Stocks		423,444.02
Amortization of Premium	5,640.64	
Accounts Receivable Collected	<u>3,000.00</u>	
TOTAL RECEIPTS	18,306,048.42	<u>\$2,208,592.52</u>
Cash on Hand 11/1/73	<u>467,686.01</u>	
TOTAL RECEIPTS AND CASH	<u>\$18,773,734.43</u>	

CASH STATEMENT
November 30, 1973
(Continued)

	Permanent Fund	Available Fund
<u>DISBURSEMENTS:</u>		
Securities Acquired:		
U. S. Government Obligations		
U. S. Treasury Securities	\$ 7,362,368.91	
Other Govt. Guaranteed Bonds	2,100,000.00	
Corporate Bonds	1,000,000.00	
Common Stocks	4,946,590.61	
Commercial Paper	3,159,000.00	
Amortization of Discount	93,873.33	
To Clear Out Available Fund		\$2,208,592.52
TOTAL DISBURSEMENTS	18,661,832.85	<u>\$2,208,592.52</u>
Cash and Receivables 11/30/73:		
Cash on Hand	106,676.64	
Accounts Receivable	5,224.94	
TOTAL DISBURSEMENTS, CASH AND RECEIVABLES	\$18,773,734.43	

For Month Ended October 31, 1973

II. TRUST AND SPECIAL FUNDS

TRUST AND SPECIAL FUNDS - INVESTMENT MATTERS.--

REPORT ON SECURITIES TRANSACTIONS.--The following securities transactions have been made for the Trust and Special Funds in October, 1973. The Associate Deputy Chancellor for Investments, Trusts and Lands recommends approval by the Board of Regents of these transactions.

INVESTMENTS ACQUIRED

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Cost</u>	<u>Yield at Cost</u>
<u>CORPORATE BONDS:</u>			
See Bond Purchase Schedule for Detail			
\$ 25,000	The L. D. and Marie Gale Unitrust	\$ 21,549.50	7.90%
25,000	Clark W. Thompson Trust - GMB	<u>21,549.50</u>	<u>7.90</u>
	TOTAL - Corporate Bonds	<u>43,099.00</u>	<u>7.90%</u>
<u>COMMON STOCKS:</u>			
See Stock Purchase Schedule for Detail			
	Common Trust Fund	298,884.45	3.26%
	The L. D. and Marie Gale Unitrust	25,210.36	4.55
	Clark W. Thompson Trust - GMB	<u>59,467.05</u>	<u>4.48</u>
	TOTAL - Common Stocks	<u>383,561.86</u>	<u>3.53%</u>
	TOTAL - STOCKS AND BONDS	<u>\$ 426,660.86</u>	
<u>SHORT TERM PAPER:</u>			
180,000	City National Bank 8-1/4% CD, due 10/9/74 (Damage Payments for West Texas Lands)	\$ 180,000.00	8.25%
140,000	FMC 9-3/4% Note, due 11/2/73 (Office of Investments, Trusts & Lands - Clearing Account)	140,000.00	9.82
113,000	SRAC 9-3/4% Note, due 11/7/73 (Common Trust Fund)	113,000.00	9.83
298,000	SRAC 9-5/8% Note, due 11/15/73 (\$260,000 - Common Trust Fund 38,000 - Common Trust Fund - Undistributed Receipts)	298,000.00	9.70
117,000	SRAC 9-1/4% Note, due 11/30/73 (Common Trust Fund - Undistributed Receipts)	117,000.00	9.38
132,000	SRAC 9% Note, due 11/30/73 (\$100,000 - Agnes Thelma Anderson Fund for Student Aid - GMB 6,000 - Maud McCain Harding Fund 16,000 - N. K. Wright Memorial Scholar- ship - Engineering Foundation 10,000 - R. P. Doherty Memorial Fund - HMS)	132,000.00	9.12

INVESTMENTS ACQUIRED
(Continued)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Cost</u>	<u>Yield at Cost</u>
	<u>SHORT TERM PAPER: (Continued)</u>		
\$178,000	J. C. Penney 8-3/4% Note, due 11/30/73 (\$80,300 - Common Trust Fund - Undistributed Receipts 48,500 - The L. D. and Marie Gale Unitrust 49,200 - Clark W. Thompson Trust - GMB)	\$ 178,000.00	8.83%
47,900	SRAC 9-1/8% Note, due 11/30/73 (\$ 3,000 - Common Trust Fund - Undistributed Receipts 1,000 - Lloyd Bentsen, Jr. Professorship in Public Affairs 7,000 - Murray Case Sells Foundation Student Loan Fund 700 - Student Property Deposit Scholarship Fund 1,000 - Texas Union Building Fund 2,500 - Arthur Young Distinguished Professorship Fund - BAF 800 - C. Aubrey Smith Professorship in Accounting 11,700 - Hogg Foundation: W. C. Hogg Fund 8,100 - T. U. Taylor Scholarship Fund - College of Engineering Foundation 2,200 - Hal P. Bybee Memorial Fund - Geology Foundation 4,000 - AH - Anderson-Mayfair Mortgage Retirement Fund 1,000 - AH - Frances King Black Memorial Fund for Cancer Research 1,200 - AH - Madeline Kavanagh Fund 800 - AH - Anna and Fannie Lucas Memorial Fund for Cancer Research 1,000 - AH - Mary Adline Gillespie Nixon Fund for Cancer Research 1,900 - AH - UCF - The Agnes Vaughan Boazman Memorial Fund for Cancer Research)	47,900.00	9.22
80,000	SRAC 10.30% Note, due 11/19/73 (Common Trust Fund purchased from Stiles Foundation 10/12/73)	80,000.00	10.48

INVESTMENTS DISPOSED OF

Par Value	Description and Fund	Total Net Proceeds	Gain or (Loss)
<u>U. S. GOVERNMENT OBLIGATIONS (Guaranteed):</u>			
See Bond Maturities and Prepayments Schedule for Detail			
\$ 8,084.88	Common Trust Fund	\$ 8,084.88	\$ 16.47
1,060.19	The William Buchanan Chair in Internal Medicine - DMS	1,060.19	9.30
361.06	Reserve for Possible Fire Losses - Temporary Student Housing Units	361.06	4.40
843.24	Texas Union Building Fund	843.24	74.96
2,365.39	Student Property Deposit Scholarship Fund	2,365.39	59.76
1,404.57	Student Property Deposit Scholarship Fund - Temporary	1,404.57	49.12
5,830.17	U.T. System - General Tuition Revenue Bonds, Series 1971, 1972, & 1972A - Reserve Fund	5,830.17	(76.68)
3,079.34	U.T. Austin - Dormitory Revenue Bond Fund, Series 1954 - Reserve Fund	3,079.34	(142.89)
662.12	U.T. Austin - Dormitory Revenue Bonds Fund, Series 1956 - Reserve Fund	662.12	(33.34)
1,509.82	U.T. Austin - Student Housing Revenue Bonds of 1963 - Reserve Fund	1,509.82	35.17
4,960.02	U.T. Austin - Housing System Revenue Bonds, Series 1967 - Reserve Fund	4,960.02	122.83
1,612.26	U.T. Austin - Building Revenue Bonds, Series 1969 - Utility Plant - Student Fee Revenue Bonds - Reserve Fund	1,612.26	(84.96)
4,665.51	U.T. Austin - Combined Fee Revenue Bonds, Series 1970, 1971 & 1972 - Reserve Fund	4,665.51	264.02
686.81	U.T. Austin - Student Union Revenue Bonds, Series 1958 - Reserve Fund	686.81	32.17
2,234.90	Galveston Medical Branch - Dormitory Revenue Bonds, Series 1955 - Reserve Fund	2,234.90	0.61
1,784.62	M.D. Anderson Hospital - Endowment and Hospital Revenue Bonds, Series 1972 - Interest & Sinking Fund	1,784.62	105.29
2,662.78	M.D. Anderson Hospital - Endowment and Hospital Revenue Bonds, Series 1972 - Reserve Fund	2,662.78	153.83
156.92	U.T. El Paso - Student Housing Revenue Bonds of 1961 - Reserve Fund	156.92	4.55
886.18	U.T. El Paso - Building Revenue Bonds, Series 1969 - Reserve Fund	886.18	23.19
731.57	U.T. El Paso - Student Union Building Revenue Bonds, Series A and B, 1967 - Reserve Fund	731.57	(23.27)
4,149.82	U.T. El Paso - Combined Fee Revenue Bonds, Series 1970 & 1971 - Reserve Fund	4,149.82	96.01

INVESTMENTS DISPOSED OF
(Continued)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Proceeds</u>	<u>Gain or (Loss)</u>	
<u>U. S. GOVERNMENT OBLIGATIONS (Guaranteed): (Continued)</u>				
\$ 424.46	U.T. Arlington - Housing System Revenue Bonds - Series 1963 - Reserve Fund	\$ 424.46	\$ 2.67	
453.08	U.T. Arlington - Student Center Fee Bonds, Series 1960 - Reserve Fund	453.08	-0-	
467.24	U.T. Arlington - Gymnasium Fee Bonds - Series 1961 - Reserve Fund	467.24	-0-	
1,552.56	U.T. Arlington - Student Fee Revenue Bonds - Series 1964, Series 1966, and Series 1968 - Reserve Fund	1,552.56	(48.04)	
111.54	U.T. Arlington - Combined Fee Revenue Bonds, Series 1971, 1971A & 1973 - Reserve Fund	<u>111.54</u>	<u>5.28</u>	
	TOTAL - U. S. Government Obligations (Guaranteed)	<u>52,741.05</u>	<u>650.45</u>	
<u>CORPORATE BONDS:</u>				
See Bond Maturities and Prepayments Schedule for Detail				
2,083.33	Jack G. Taylor Endowment Fund	<u>2,083.33</u>	<u>-0-</u>	
	See Bond Sales Schedule for Detail			<u>Yield at Sale Price</u>
200,000.00	Office of Investments, Trusts & Lands - Clearing Account	<u>139,619.00</u>	<u>15,619.00</u>	<u>6.09%</u>
	TOTAL - STOCKS AND BONDS DISPOSED OF	<u>\$ 194,443.38</u>	<u>\$16,269.45</u>	
<u>SHORT TERM PAPER:</u>				
22,000	SRAC 10-1/4% Note, due 10/1/73 (College of Engineering - Ford Fdn. Grant - Various Purposes)	\$ 22,000.00	-0-	
150,000	FMC 6-3/4% Note, due 10/9/73 (Damage Payments for West Texas Lands)	150,000.00	-0-	
70,000	FMC 7-1/8% Note, due 10/9/73 (Damage Payments for West Texas Lands)	70,000.00	-0-	
267,000	SRAC 10.30% Note, due 10/15/73 (Common Trust Fund)	267,000.00	-0-	
52,400	SRAC 10.30% Note, due 10/3/73 (Damage Payments for West Texas Lands)	52,400.00	-0-	

INVESTMENTS DISPOSED OF
(Continued)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Proceeds</u>	<u>Gain or (Loss)</u>
	<u>SHORT TERM PAPER: (Continued)</u>		
\$231,500	SRAC 9-5/8% Note, due 10/19/73 (\$ 5,900 - Winedale Stagecoach Inn Fund 95,300 - The L. D. and Marie Gale Unitrust 130,300 - GMB - Clark W. Thompson Trust)	\$ 231,500.00	-0-
175,000	SRAC 10.30% Note, due 10/12/73 (Common Trust Fund)	175,000.00	-0-
80,000	SRAC 10.30% Note, due 11/19/73 (The J. V. and H. A. Stiles Foundation - Income Sold to Common Trust Fund 10/12/73)	80,000.00	-0-

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND
(October, 1973)

STOCK PURCHASES

<u>NO. OF SHS.</u> <u>PURCHASED</u>	<u>ISSUE</u>	<u>COST</u>		<u>YIELD</u> <u>AT COST</u>
		<u>UNIT</u>	<u>TOTAL</u>	
4,100 Shs.	Continental Telephone Corporation Common Stock	\$ 22.938	\$ 94,045.43	4.01%
8,300 "	Beatrice Foods Company Common Stock	24.679	204,839.02	2.92
			<u>\$ 298,884.45</u>	<u>3.26%</u>

BOND MATURITIES AND PREPAYMENTS

<u>PAR</u> <u>VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>
\$ 204.17	GNMA, Pass-Through Pool #95, 8%, due 12/15/2000	\$ 204.17	(\$ 11.05)
3,646.67	GNMA, Pass-Through Pool #163, 8%, due 2/15/2001	3,646.67	(197.28)
588.60	GNMA, Pass-Through Pool #548, 8%, due 4/15/2001	588.60	(31.84)
217.09	GNMA, Pass-Through Pool #650, 8%, due 4/15/2001	217.09	(11.74)
251.55	GNMA, Pass-Through Pool #708, 6-1/2%, due 11/15/2001	251.55	10.57
2,709.46	GNMA, Pass-Through Pool #852, 6-1/2%, due 1/15/2002	2,709.46	265.80
467.34	GNMA, Pass-Through Pool #920, 8%, due 9/15/2001	467.34	(7.99)
<u>\$ 8,084.88</u>		<u>\$ 8,084.88</u>	<u>\$ 16.47</u>

STOCK PURCHASES
(October, 1973)

<u>NO. OF SHS.</u> <u>PURCHASED</u>	<u>ISSUE</u>	<u>COST</u>		<u>YIELD</u> <u>AT COST</u>
		<u>UNIT</u>	<u>TOTAL</u>	
<u>THE L. D. AND MARIE GALE UNITRUST</u>				
200 Shs.	Allegheny Power System, Inc. Common Stock	\$ 20.76	\$ 4,152.04	6.94%
200 "	Beatrice Foods Company Common Stock	24.679	4,935.88	2.92
300 "	Continental Telephone Corporation Common Stock	22.938	6,881.37	4.01
100 "	Safeway Stores, Inc. Common Stock	39.157	3,915.70	4.09
200 "	Security Pacific Corporation Common Stock	26.627	5,325.37	5.26
			\$ 25,210.36	4.55%

CLARK W. THOMPSON TRUST - GALVESTON MEDICAL BRANCH

400 Shs.	Allegheny Power System, Inc. Common Stock	\$ 20.76	\$ 8,304.07	6.94%
500 "	Beatrice Foods Company Common Stock	24.679	12,339.70	2.92
600 "	Continental Telephone Corporation Common Stock	22.938	13,762.75	4.01
300 "	Safeway Stores, Inc. Common Stock	39.157	11,747.11	4.09
500 "	Security Pacific Corporation Common Stock	26.627	13,313.42	5.26
			\$ 59,467.05	4.48%

BOND PURCHASES
(October, 1973)

<u>PAR</u> <u>VALUE</u>	<u>ISSUE</u>	<u>COST</u>		<u>YIELD</u> <u>AT COST</u>
		<u>UNIT</u>	<u>TOTAL</u>	
<u>THE L. D. AND MARIE GALE UNITRUST</u>				
<u>\$ 25,000</u>	Georgia Power Co. 6-5/8% 1st Mtge., due 9/1/98	\$ 86.198	<u>\$ 21,549.50</u>	<u>7.90%</u>
<u>CLARK W. THOMPSON TRUST - GALVESTON MEDICAL BRANCH</u>				
<u>\$ 25,000</u>	Georgia Power Co. 6-5/8% 1st Mtge., due 9/1/98	\$ 86.198	<u>\$ 21,549.50</u>	<u>7.90%</u>

OFFICE OF INVESTMENTS, TRUSTS & LANDS - CLEARING ACCOUNT
(October, 1973)

BOND SALES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD AT SALE PRICE</u>
<u>\$ 200,000</u>	University of Texas Medical Branch Dormitory Revenue Bonds, 3.30%, due 9/1/90-91	<u>\$ 139,619.00</u>	<u>\$15,619.00</u>	<u>6.09%</u>

JACK G. TAYLOR ENDOWMENT FUND
(October, 1973)

BOND MATURITIES AND PREPAYMENTS

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>
<u>\$ 2,083.33</u>	Universal Telephone, Inc. 8% Sub. Conv. Note, due 4/1/75	<u>\$ 2,083.33</u>	-0-

THE WILLIAM BUCHANAN CHAIR IN INTERNAL MEDICINE - DALLAS MEDICAL SCHOOL
(October, 1973)

BOND MATURITIES AND PREPAYMENTS

\$ 753.21	GNMA, Pass-Through Pool #650, 8%, due 4/15/2001	\$ 753.21	(\$ 14.09)
<u>306.98</u>	GNMA, Pass-Through Pool #852, 6-1/2%, due 1/15/2002	<u>306.98</u>	<u>23.39</u>
<u>\$ 1,060.19</u>		<u>\$ 1,060.19</u>	<u>\$ 9.30</u>

GNMA PASS-THROUGH MATURITIES AND PREPAYMENTS
(October, 1973)

<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>
<u>RESERVE FOR POSSIBLE FIRE LOSSES - TEMPORARY STUDENT HOUSING UNITS:</u>		
GNMA, Pool #852, 6-1/2%, due 1/15/2002	\$ 361.06	\$ 4.40
<u>TEXAS UNION BUILDING FUND:</u>		
GNMA, Pool #852, 6-1/2%, due 1/15/2002	\$ 843.24	\$ 74.96
<u>STUDENT PROPERTY DEPOSIT SCHOLARSHIP FUND:</u>		
GNMA, Pool #121, 8%, due 11/15/2000	\$ 38.54	(\$ 1.08)
GNMA, Pool #184, 8%, due 4/15/2001	413.44	-0-
GNMA, Pool #852, 6-1/2%, due 1/15/2002	903.41	0.54
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	1,010.00	60.30
	<u>\$ 2,365.39</u>	<u>\$ 59.76</u>
<u>STUDENT PROPERTY DEPOSIT SCHOLARSHIP FUND - TEMPORARY:</u>		
GNMA, Pool #708, 6-1/2%, due 11/15/2001	\$ 392.99	\$ 8.25
GNMA, Pool #852, 6-1/2%, due 1/15/2002	1,011.58	40.87
	<u>\$ 1,404.57</u>	<u>\$ 49.12</u>
<u>U. T. SYSTEM - GENERAL TUITION REVENUE BONDS, SERIES 1971, 1972 & 1972A - RESERVE FUND:</u>		
GNMA, Pool #194, 8%, due 1/15/2001	\$ 2,017.74	(\$ 75.67)
GNMA, Pool #708, 6-1/2%, due 11/15/2001	156.99	7.46
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	479.40	22.77
GNMA, Pool #1745, 6-1/2%, due 9/15/2002	926.86	51.53
GNMA, Pool #2283, 8%, due 9/15/2001	2,160.80	(79.52)
GNMA, Pool #2308, 8%, due 4/15/2001	88.38	(3.25)
	<u>\$ 5,830.17</u>	<u>(\$ 76.68)</u>
<u>U. T. AUSTIN - DORMITORY REVENUE BOND FUND, SERIES 1954 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 481.40	\$ -0-
GNMA, Pool #548, 8%, due 4/15/2001	2,597.94	(142.89)
	<u>\$ 3,079.34</u>	<u>(\$ 142.89)</u>
<u>U. T. AUSTIN - DORMITORY REVENUE BONDS FUND, SERIES 1956 - RESERVE FUND:</u>		
GNMA, Pool #548, 8%, due 4/15/2001	\$ 534.47	(\$ 29.40)
GNMA, Pool #650, 8%, due 4/15/2001	127.65	(3.94)
	<u>\$ 662.12</u>	<u>(\$ 33.34)</u>
<u>U. T. AUSTIN - STUDENT HOUSING REVENUE BONDS OF 1963 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 719.27	\$ -0-
GNMA, Pool #650, 8%, due 4/15/2001	127.65	(3.94)
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	662.90	39.11
	<u>\$ 1,509.82</u>	<u>\$ 35.17</u>

GNMA PASS-THROUGH MATURITIES AND PREPAYMENTS (Continued)
(October, 1973)

<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>
<u>U. T. AUSTIN - HOUSING SYSTEM REVENUE BONDS, SERIES 1967 - RESERVE FUND:</u>		
GNMA, Pool #121, 8%, due 11/15/2000	\$ 131.03	\$ 7.40
GNMA, Pool #184, 8%, due 4/15/2001	430.43	-0-
GNMA, Pool #548, 8%, due 4/15/2001	872.75	(48.00)
GNMA, Pool #650, 8%, due 4/15/2001	487.81	(15.07)
GNMA, Pool #708, 6-1/2%, due 11/15/2001	78.39	3.73
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	84.55	5.14
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	<u>2,875.06</u>	<u>169.63</u>
	<u>\$ 4,960.02</u>	<u>\$ 122.83</u>
<u>U. T. AUSTIN - BUILDING REVENUE BONDS, SERIES 1969</u>		
<u>UTILITY PLANT - STUDENT FEE REVENUE BONDS - RESERVE FUND:</u>		
GNMA, Pool #121, 8%, due 11/15/2000	\$ 842.84	(\$ 46.86)
GNMA, Pool #548, 8%, due 4/15/2001	710.38	(39.07)
GNMA, Pool #920, 8%, due 9/15/2001	<u>59.04</u>	<u>0.97</u>
	<u>\$ 1,612.26</u>	<u>(\$ 84.96)</u>
<u>U. T. AUSTIN - COMBINED FEE REVENUE BONDS, SERIES 1970, 1971, 1972 & 1973 -</u>		
<u>RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 99.11	\$ -0-
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	438.53	20.48
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	<u>4,127.87</u>	<u>243.54</u>
	<u>\$ 4,665.51</u>	<u>\$ 264.02</u>
<u>U. T. AUSTIN - STUDENT UNION REVENUE BONDS, SERIES 1958 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 141.59	\$ -0-
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	<u>545.22</u>	<u>32.17</u>
	<u>\$ 686.81</u>	<u>\$ 32.17</u>
<u>GALVESTON MEDICAL BRANCH - DORMITORY REVENUE BONDS, SERIES 1955 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 1,223.32	\$ -0-
GNMA, Pool #852, 6-1/2%, due 1/15/2002	<u>1,011.58</u>	<u>0.61</u>
	<u>\$ 2,234.90</u>	<u>\$ 0.61</u>
<u>M. D. ANDERSON HOSPITAL - ENDOWMENT AND HOSPITAL REVENUE BONDS, SERIES 1972 -</u>		
<u>INTEREST & SINKING FUND:</u>		
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	<u>\$ 1,784.62</u>	<u>\$ 105.29</u>
<u>M. D. ANDERSON HOSPITAL - ENDOWMENT AND HOSPITAL REVENUE BONDS, SERIES 1972 -</u>		
<u>RESERVE FUND:</u>		
GNMA, Pool #1279, 6-1/2%, due 7/15/2002	\$ 450.17	\$ 25.21
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	1,340.70	79.10
GNMA, Pool #1710, 6-1/2%, due 9/15/2002	<u>871.91</u>	<u>49.52</u>
	<u>\$ 2,662.78</u>	<u>\$ 153.83</u>

GNMA PASS-THROUGH MATURITIES AND PREPAYMENTS (Continued)
(October, 1973)

<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>
<u>U. T. EL PASO - STUDENT HOUSING REVENUE BONDS OF 1961 - RESERVE FUND:</u>		
GNMA, Pool #852, 6-1/2%, due 1/15/2002	\$ 156.92	\$ 4.55
<u>U. T. EL PASO - BUILDING REVENUE BONDS, SERIES 1969 - RESERVE FUND:</u>		
GNMA, Pool #121, 8%, due 11/15/2000	\$ 118.62	\$ 2.43
GNMA, Pool #184, 8%, due 4/15/2001	419.10	-0-
GNMA, Pool #920, 8%, due 9/15/2001	10.40	0.24
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	338.06	20.52
	<u>\$ 886.18</u>	<u>\$ 23.19</u>
<u>U. T. EL PASO - STUDENT UNION BUILDING REVENUE BONDS, SERIES A AND B, 1967 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 447.42	\$ -0-
GNMA, Pool #548, 8%, due 4/15/2001	284.15	(23.27)
	<u>\$ 731.57</u>	<u>(\$ 23.27)</u>
<u>U. T. EL PASO - COMBINED FEE REVENUE BONDS, SERIES 1970, 1971 & 1973 - RESERVE FUND:</u>		
GNMA, Pool #194, 8%, due 1/15/2001	\$ 1,527.13	(\$ 57.27)
GNMA, Pool #920, 8%, due 9/15/2001	34.75	0.53
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	37.62	2.28
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	2,550.32	150.47
	<u>\$ 4,149.82</u>	<u>\$ 96.01</u>
<u>U. T. ARLINGTON - HOUSING SYSTEM REVENUE BONDS - SERIES 1963 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 368.13	\$ -0-
GNMA, Pool #708, 6-1/2%, due 11/15/2001	56.33	2.67
	<u>\$ 424.46</u>	<u>\$ 2.67</u>
<u>U. T. ARLINGTON - STUDENT CENTER FEE BONDS, SERIES 1960 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 453.08	\$ -0-
<u>U. T. ARLINGTON - GYMNASIUM FEE BONDS - SERIES 1961 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 467.24	\$ -0-
<u>U. T. ARLINGTON - STUDENT FEE REVENUE BONDS - SERIES 1964, SERIES 1966, AND SERIES 1968 - RESERVE FUND:</u>		
GNMA, Pool #121, 8%, due 11/15/2000	\$ 62.29	\$ 4.06
GNMA, Pool #548, 8%, due 4/15/2001	1,177.20	(64.75)
GNMA, Pool #852, 6-1/2%, due 1/15/2002	313.07	12.65
	<u>\$ 1,552.56</u>	<u>(\$ 48.04)</u>
<u>U. T. ARLINGTON - COMBINED FEE REVENUE BONDS, SERIES 1971, 1971A, 1973 & 1973A - RESERVE FUND:</u>		
GNMA, Pool #708, 6-1/2%, due 11/15/2001	\$ 80.54	\$ 3.83
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	31.00	1.45
	<u>\$ 111.54</u>	<u>\$ 5.28</u>

For Month Ended November 30, 1973

II. TRUST AND SPECIAL FUNDS

TRUST AND SPECIAL FUNDS - INVESTMENT MATTERS.--

REPORT ON SECURITIES TRANSACTIONS.--The following securities transactions have been made for the Trust and Special Funds in November, 1973. The Associate Deputy Chancellor for Investments, Trusts and Lands recommends approval by the Board of Regents of these transactions.

COMPARISON
SUMMARY OF ASSETS
THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND

SECURITY	BOOK VALUE 11/30/72	BOOK YIELD 11/30/72	BOOK VALUE 11/30/73	BOOK YIELD 11/30/73
<u>DEBT SECURITIES:</u>				
U. S. Government Obligations	\$ 1,835,924.16	7.56%	\$ 1,796,389.03	7.57%
Corporate Bonds	<u>12,263,466.06</u>	<u>7.17</u>	<u>14,467,186.57</u>	<u>7.37</u>
TOTAL - DEBT SECURITIES	<u>14,099,390.22</u>	<u>7.22</u>	<u>16,263,575.60</u>	<u>7.40</u>
<u>EQUITY SECURITIES:</u>				
Convertible Debentures	174,375.00	3.14	394,250.00	6.18
Convertible Preferred Stocks	212,121.60	3.21	212,121.60	3.21
Common Stocks	<u>22,031,300.90</u>	<u>3.95</u>	<u>22,335,738.04</u>	<u>4.21</u>
TOTAL - EQUITY SECURITIES	<u>22,417,797.50</u>	<u>3.94</u>	<u>22,942,109.64</u>	<u>4.23</u>
TOTAL - LONG TERM INVESTMENTS	<u>36,517,187.72</u>	<u>5.20</u>	<u>39,205,685.24</u>	<u>5.55</u>
<u>CASH & EQUIVALENT:</u>				
Short Term Notes	110,000.00	5.38	2,124,000.00	8.94
Cash	<u>166,168.41</u>		<u>17,323.24</u>	
TOTAL - CASH & EQUIVALENT	<u>276,168.41</u>		<u>2,141,323.24</u>	
TOTAL - COMMON TRUST FUND SECURITIES, CASH & EQUIVALENT	<u>\$36,793,356.13</u>	<u>5.18%</u>	<u>\$41,347,008.48</u>	<u>5.72%</u>
Total Market Value	\$40,908,342.18		\$39,804,872.37	
Market Unit Value	\$2.48479794985		\$2.188915499	
Rate of Income per Unit	11.55¢		13.64¢	
Yield on Market	4.66%		6.23%	

INVESTMENTS ACQUIRED

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Cost</u>	<u>Yield at Cost</u>
	<u>U. S. GOVERNMENT OBLIGATIONS (Guaranteed):</u> See Bond Purchase Schedule for Detail		
	<u>Various Government Guaranteed Bonds--</u>		
\$708,500	Galveston Medical Branch - Endowment and Hospital Revenue Bonds, Series 1973 - Reserve Fund	\$ 708,500.00	7.90%
117,800	M.D. Anderson Hospital - Endowment and Hospital Revenue Bonds, Series 1972 - Reserve Fund	117,800.00	7.90
123,700	U.T. Arlington - Combined Fee Revenue Bonds, Series 1971, 1971A, 1973 & 1973A - Reserve Fund	<u>123,700.00</u>	<u>7.90</u>
	TOTAL - U. S. Government Obligations (Guaranteed)	<u>950,000.00</u>	<u>7.90%</u>
	<u>COMMON STOCKS:</u> See Stock Purchase Schedule for Detail		
	Common Trust Fund	<u>178,587.50</u>	<u>7.34%</u>
	TOTAL - STOCKS AND BONDS	<u>\$1,128,587.50</u>	
	<u>SHORT TERM PAPER:</u>		
52,600	FMC 8.65% Note, due 11/30/73 (\$45,000 - Common Trust Fund - Undistributed Receipts 5,100 - Office of Investments, Trusts and Lands - Clearing Account 2,500 - Student Property Deposit Scholarship Fund)	\$ 52,600.00	8.68%
33,000	SRAC 9.55% Note, due 11/30/73 (\$ 5,000 - Common Trust Fund 28,000 - Common Trust Fund - Undistributed Receipts)	33,000.00	9.59
63,000	SRAC 8-3/4% Note, due 11/30/73 (\$15,000 - Common Trust Fund 48,000 - Common Trust Fund - Undistributed Receipts)	63,000.00	8.80
6,300	J. C. Penney 9.00% Note, due 12/17/73 (\$4,300 - Student Property Deposit Scholarship Fund 2,000 - The William Buchanan Chair in Internal Medicine - DMS)	6,300.00	9.04
1,900	J. C. Penney 9.00% Note, due 1/4/74 (Office of Investments, Trusts and Lands - Clearing Account)	1,900.00	9.08

INVESTMENTS DISPOSED OF

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Proceeds</u>	<u>Gain or (Loss)</u>
<u>U. S. GOVERNMENT OBLIGATIONS (Guaranteed):</u>			
See Bond Maturities and Prepayments Schedule for Detail			
\$ 16,895.22	Common Trust Fund	\$ 16,895.22	(\$ 190.56)
442.33	The William Buchanan Chair in Internal Medicine - DMS	442.33	17.88
324.15	Reserve for Possible Fire Losses - Temporary Student Housing Units	324.15	3.95
757.02	Texas Union Building Fund	757.02	67.30
1,839.49	Student Property Deposit Scholar- ship Fund	1,839.49	31.33
1,106.40	Student Property Deposit Scholar- ship Fund - Temporary	1,106.40	40.77
7,453.79	U.T. System - General Tuition Revenue Bonds, Series 1971, 1972 & 1972A - Reserve Fund	7,453.79	(141.30)
813.67	U.T. Austin - Dormitory Revenue Bond Fund, Series 1954 - Reserve Fund	813.67	(15.79)
87.34	U.T. Austin - Dormitory Revenue Bonds Fund, Series 1956 - Reserve Fund	87.34	(4.12)
1,167.68	U.T. Austin - Student Housing Revenue Bonds of 1963 - Reserve Fund	1,167.68	19.59
2,461.68	U.T. Austin - Housing System Revenue Bonds, Series 1967 - Reserve Fund	2,461.68	94.42
2,091.96	U.T. Austin - Building Revenue Bonds, Series 1969 - Utility Plant - Student Fee Revenue Bonds - Reserve Fund	2,091.96	(31.45)
2,746.14	U.T. Austin - Combined Fee Revenue Bonds, Series 1970, 1971 & 1972 - Reserve Fund	2,746.14	148.00
444.98	U.T. Austin - Student Union Revenue Bonds, Series 1958 - Reserve Fund	444.98	16.83
2,246.12	Galveston Medical Branch - Dormitory Revenue Bonds, Series 1955 - Reserve Fund	2,246.12	0.54
949.64	M.D. Anderson Hospital - Endowment and Hospital Revenue Bonds, Series 1972 - Interest & Sinking Fund	949.64	55.08
5,690.92	M.D. Anderson Hospital - Endowment and Hospital Revenue Bonds, Series 1972 - Reserve Fund	5,690.92	321.15
140.87	U.T. El Paso - Student Housing Revenue Bonds of 1961 - Reserve Fund	140.87	4.09
1,123.16	U.T. El Paso - Building Revenue Bonds, Series 1969 - Reserve Fund	1,123.16	27.87
520.76	U.T. El Paso - Student Union Building Revenue Bonds, Series A, and B, 1967 - Reserve Fund	520.76	(2.57)
2,869.79	U.T. El Paso - Combined Fee Revenue Bonds, Series 1970 & 1971 - Reserve Fund	2,869.79	61.83

INVESTMENTS DISPOSED OF
(Continued)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Proceeds</u>	<u>Gain or (Loss)</u>
<u>U. S. GOVERNMENT OBLIGATIONS (Guaranteed):</u>			
<u>(Continued)</u>			
\$ 431.05	U.T. Arlington - Housing System Revenue Bonds - Series 1963 - Reserve Fund	\$ 431.05	\$ 1.33
495.55	U.T. Arlington - Student Center Fee Bonds, Series 1960 - Reserve Fund	495.55	-0-
511.03	U.T. Arlington - Gymnasium Fee Bonds - Series 1961 - Reserve Fund	511.03	-0-
473.91	U.T. Arlington - Student Fee Revenue Bonds - Series 1964, Series 1966, and Series 1968 - Reserve Fund	473.91	8.20
71.81	U.T. Arlington - Combined Fee Revenue Bonds, Series 1971, 1971A & 1973 - Reserve Fund	<u>71.81</u>	<u>3.36</u>
	TOTAL - U. S. Government Obligations (Guaranteed)	<u>54,156.46</u>	<u>537.73</u>
 <u>COMMON STOCKS:</u>			
See Stock Sales Schedule for Detail			
	Tom Slick Memorial Trust for The University of Texas at Austin	<u>36.20</u>	<u>--</u>
	TOTAL - STOCKS AND BONDS DISPOSED OF	<u>\$ 54,192.66</u>	<u>\$ 537.73</u>
 <u>SHORT TERM PAPER:</u>			
203,000	SRAC 9-5/8% Note, due 11/7/73 (Prepaid for Common Trust Fund on 11/1/73)	\$ 203,000.00	-0-
10,000	SRAC 10.30% Note, due 11/19/73 (Common Trust Fund - Undistributed Receipts)	10,000.00	-0-
3,000	SRAC 8-3/4% Note, due 11/26/73 (Common Trust Fund - Undistributed Receipts)	3,000.00	-0-
45,000	FMC 8.65% Note, due 11/30/73 (Common Trust Fund - Undistributed Receipts)	45,000.00	-0-
67,000	SRAC 9.55% Note, due 11/30/73 (\$ 1,000 - Common Trust Fund 66,000 - Common Trust Fund - Undistributed Receipts)	67,000.00	-0-
48,000	SRAC 8-3/4% Note, due 11/30/73 (Common Trust Fund - Undistributed Receipts)	48,000.00	-0-

INVESTMENTS DISPOSED OF
(Continued)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Proceeds</u>	<u>Gain or (Loss)</u>
	<u>SHORT TERM PAPER: (Continued)</u>		
\$ 77,000	Capital National Bank 10-3/8% CD, due 11/30/73 (Common Trust Fund - Undistributed Receipts)	\$ 77,000.00	-0-
103,000	First City National Bank of Houston 10.70% CD, due 11/30/73 (Common Trust Fund - Undistributed Receipts)	103,000.00	-0-
117,000	SRAC 9-1/4% Note, due 11/30/73 (Common Trust Fund - Undistributed Receipts)	117,000.00	-0-
132,000	SRAC 9.00% Note, due 11/30/73 (\$100,000 - GMB - Agnes Thelma Anderson Fund for Student Aid 16,000 - N. K. Wright Memorial Scholarship - Engineer- ing Foundation 10,000 - HMS - R. P. Doherty Memorial Fund 6,000 - Maud McCain Harding Fund)	132,000.00	-0-
80,300	J. C. Penney 8-3/4% Note, due 11/30/73 (Common Trust Fund - Undistributed Receipts)	80,300.00	-0-
35,200	SRAC 9-1/8% Note, due 11/30/73 (\$ 3,000 - Common Trust Fund - Undistributed Receipts 1,000 - Lloyd Bentsen, Jr. Profes- sorship in Public Affairs 2,500 - Arthur Young Distinguished Professorship Fund - BAF 800 - C. Aubrey Smith Professor- ship in Accounting 11,700 - Hogg Fdn.: W. C. Hogg Fund 8,100 - T. U. Taylor Scholarship Fund - Engineering Fdn. 2,200 - Hal P. Bybee Memorial Fund - Geology Fdn. 1,000 - AH - Frances King Black Memorial Fund for Cancer Research 1,200 - AH - Madeline Kavanagh Fund 800 - AH - Anna & Fannie Lucas Memorial Fund for Cancer Research 1,000 - AH - Mary Adline Gillespie Nixon Fund for Cancer Research 1,900 - AH - UCF - The Agnes Vaughan Boazman Memorial Fund for Cancer Research)	35,200.00	090

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND

(November, 1973)

STOCK PURCHASES

<u>NO. OF SHS.</u> <u>PURCHASED</u>	<u>ISSUE</u>	<u>COST</u>		<u>YIELD</u> <u>AT COST</u>
		<u>UNIT</u>	<u>TOTAL</u>	
9,100 Shs.	Allegheny Power System, Inc. Common Stock	\$ 19.625	\$ <u>178,587.50</u>	<u>7.34%</u>

BOND MATURITIES AND PREPAYMENTS

<u>PAR</u> <u>VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>
\$ 2,936.54	GNMA, Pass-Through Pool #95, 8%, due 12/15/2000	\$ 2,936.54	(\$ 158.87)
2,067.25	GNMA, Pass-Through Pool #163, 8%, due 2/15/2001	2,067.25	(111.84)
65.06	GNMA, Pass-Through Pool #548, 8%, due 4/15/2001	65.06	(3.52)
48.06	GNMA, Pass-Through Pool #650, 8%, due 4/15/2001	48.06	(2.60)
126.90	GNMA, Pass-Through Pool #708, 6-1/2%, due 11/15/2001	126.90	5.29
2,432.46	GNMA, Pass-Through Pool #852, 6-1/2%, due 1/15/2002	2,432.46	238.62
<u>9,218.95</u>	GNMA, Pass-Through Pool #920, 8%, due 9/15/2001	<u>9,218.95</u>	(<u>157.64</u>)
<u>\$ 16,895.22</u>		<u>\$ 16,895.22</u>	<u>(\$ 190.56)</u>

THE WILLIAM BUCHANAN CHAIR IN INTERNAL MEDICINE - DALLAS MEDICAL SCHOOL

(November, 1973)

BOND MATURITIES AND PREPAYMENTS

\$ 166.74	GNMA, Pass-Through Pool #650, 8%, due 4/15/2001	\$ 166.74	(\$ 3.12)
<u>275.59</u>	GNMA, Pass-Through Pool #852, 6-1/2%, due 1/15/2002	<u>275.59</u>	<u>21.00</u>
<u>\$ 442.33</u>		<u>\$ 442.33</u>	<u>\$ 17.88</u>

TOM SLICK MEMORIAL TRUST FOR THE UNIVERSITY OF TEXAS AT AUSTIN
(November, 1973)

STOCK RECEIVED

<u>NO. OF SHS.</u> <u>RECEIVED</u>	<u>ISSUE</u>	
49 Shs.	National Bancshares Corporation of Texas Common Stock	(Received in 20% stock dividend)

STOCK SALES

<u>NO. OF SHS.</u> <u>SOLD</u>	<u>ISSUE</u>	<u>NET SALES PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>
4/5 Sh.	National Bancshares Corporation of Texas Common Stock (Fractional share on 20% stock dividend)	<u>\$ 36.20</u>	--

BOND PURCHASES
(November, 1973)

<u>PAR</u> <u>VALUE</u>	<u>ISSUE</u>	<u>UNIT</u>	<u>COST</u> <u>TOTAL</u>	<u>YIELD</u> <u>AT COST</u>
	<u>U. S. Government Obligations (Guaranteed)</u>			
	<u>GALVESTON MEDICAL BRANCH - ENDOWMENT AND HOSPITAL REVENUE BONDS, SERIES 1973 - RESERVE FUND</u>			
<u>\$ 708,500</u>	U. S. Govt. Guaranteed Newfields Development Corp. New Community Debs., Series A, 7.90%, due 11/15/93	\$100.00	<u>\$ 708,500.00</u>	<u>7.90%</u>
	<u>M. D. ANDERSON HOSPITAL - ENDOWMENT AND HOSPITAL REVENUE BONDS, SERIES 1972 - RESERVE FUND</u>			
<u>\$ 117,800</u>	U. S. Govt. Guaranteed Newfields Development Corp. New Community Debs., Series A, 7.90%, due 11/15/93	\$100.00	<u>\$ 117,800.00</u>	<u>7.90%</u>
	<u>U. T. ARLINGTON - COMBINED FEE REVENUE BONDS, SERIES 1971, 1971A, 1973 & 1973A - RESERVE FUND</u>			
<u>\$ 123,700</u>	U. S. Govt. Guaranteed Newfields Development Corp. New Community Debs., Series A, 7.90%, due 11/15/93	\$100.00	<u>\$ 123,700.00</u>	<u>7.90%</u>

GNMA PASS-THROUGH MATURITIES AND PREPAYMENTS
(November, 1973)

<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>
<u>RESERVE FOR POSSIBLE FIRE LOSSES - TEMPORARY STUDENT HOUSING UNITS:</u>		
GNMA, Pool #852, 6-1/2%, due 1/15/2002	\$ 324.15	\$ 3.95
<u>TEXAS UNION BUILDING FUND:</u>		
GNMA, Pool #852, 6-1/2%, due 1/15/2002	\$ 757.02	\$ 67.30
<u>STUDENT PROPERTY DEPOSIT SCHOLARSHIP FUND:</u>		
GNMA, Pool #121, 8%, due 11/15/2000	\$ 38.82	(\$ 1.08)
GNMA, Pool #184, 8%, due 4/15/2001	452.19	-0-
GNMA, Pool #852, 6-1/2%, due 1/15/2002	811.05	0.49
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	537.43	31.92
	<u>\$ 1,839.49</u>	<u>\$ 31.33</u>
<u>STUDENT PROPERTY DEPOSIT SCHOLARSHIP FUND - TEMPORARY:</u>		
GNMA, Pool #708, 6-1/2%, due 11/15/2001	\$ 198.24	\$ 4.08
GNMA, Pool #852, 6-1/2%, due 1/15/2002	908.16	36.69
	<u>\$ 1,106.40</u>	<u>\$ 40.77</u>
<u>U. T. SYSTEM - GENERAL TUITION REVENUE BONDS, SERIES 1971, 1972 & 1972A - RESERVE FUND:</u>		
GNMA, Pool #194, 8%, due 1/15/2001	\$ 1,042.97	(\$ 39.11)
GNMA, Pool #708, 6-1/2%, due 11/15/2001	79.19	3.70
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	482.33	22.91
GNMA, Pool #1745, 6-1/2%, due 9/15/2002	935.62	52.02
GNMA, Pool #2283, 8%, due 9/15/2001	2,641.97	(97.22)
GNMA, Pool #2308, 8%, due 4/15/2001	2,271.71	(83.60)
	<u>\$ 7,453.79</u>	<u>(\$ 141.30)</u>
<u>U. T. AUSTIN - DORMITORY REVENUE BOND FUND, SERIES 1954 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 526.52	\$ -0-
GNMA, Pool #548, 8%, due 4/15/2001	287.15	(15.79)
	<u>\$ 813.67</u>	<u>(\$ 15.79)</u>
<u>U. T. AUSTIN - DORMITORY REVENUE BONDS FUND, SERIES 1956 - RESERVE FUND:</u>		
GNMA, Pool #548, 8%, due 4/15/2001	\$ 59.08	(\$ 3.25)
GNMA, Pool #650, 8%, due 4/15/2001	28.26	(0.87)
	<u>\$ 87.34</u>	<u>(\$ 4.12)</u>
<u>U. T. AUSTIN - STUDENT HOUSING REVENUE BONDS OF 1963 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 786.68	\$ -0-
GNMA, Pool #650, 8%, due 4/15/2001	28.26	(0.87)
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	352.74	20.46
	<u>\$ 1,167.68</u>	<u>\$ 19.59</u>

GNMA PASS-THROUGH MATURITIES AND PREPAYMENTS (Continued)
(November, 1973)

<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>
<u>U. T. AUSTIN - HOUSING SYSTEM REVENUE BONDS, SERIES 1967 - RESERVE FUND:</u>		
GNMA, Pool #121, 8%, due 11/15/2000	\$ 131.95	\$ 7.32
GNMA, Pool #184, 8%, due 4/15/2001	470.77	-0-
GNMA, Pool #548, 8%, due 4/15/2001	96.47	(5.31)
GNMA, Pool #650, 8%, due 4/15/2001	107.99	(3.34)
GNMA, Pool #708, 6-1/2%, due 11/15/2001	39.55	1.85
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	85.07	5.17
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	<u>1,529.88</u>	<u>88.73</u>
	<u>\$ 2,461.68</u>	<u>\$ 94.42</u>
 <u>U. T. AUSTIN - BUILDING REVENUE BONDS, SERIES 1969</u>		
<u>UTILITY PLANT - STUDENT FEE REVENUE BONDS - RESERVE FUND:</u>		
GNMA, Pool #121, 8%, due 11/15/2000	\$ 848.81	(\$ 46.35)
GNMA, Pool #548, 8%, due 4/15/2001	78.52	(4.32)
GNMA, Pool #920, 8%, due 9/15/2001	<u>1,164.63</u>	<u>19.22</u>
	<u>\$ 2,091.96</u>	<u>(\$ 31.45)</u>
 <u>U. T. AUSTIN - COMBINED FEE REVENUE BONDS, SERIES 1970, 1971, 1972 & 1973 -</u>		
<u>RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 108.40	\$ -0-
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	441.21	20.60
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	<u>2,196.53</u>	<u>127.40</u>
	<u>\$ 2,746.14</u>	<u>\$ 148.00</u>
 <u>U. T. AUSTIN - STUDENT UNION REVENUE BONDS, SERIES 1958 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 154.86	\$ -0-
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	<u>290.12</u>	<u>16.83</u>
	<u>\$ 444.98</u>	<u>\$ 16.83</u>
 <u>GALVESTON MEDICAL BRANCH - DORMITORY REVENUE BONDS, SERIES 1955 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 1,337.96	\$ -0-
GNMA, Pool #852, 6-1/2%, due 1/15/2002	<u>908.16</u>	<u>0.54</u>
	<u>\$ 2,246.12</u>	<u>\$ 0.54</u>
 <u>M. D. ANDERSON HOSPITAL - ENDOWMENT AND HOSPITAL REVENUE BONDS, SERIES 1972 -</u>		
<u>INTEREST & SINKING FUND:</u>		
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	<u>\$ 949.64</u>	<u>\$ 55.08</u>
 <u>M. D. ANDERSON HOSPITAL - ENDOWMENT AND HOSPITAL REVENUE BONDS, SERIES 1972 -</u>		
<u>RESERVE FUND:</u>		
GNMA, Pool #1279, 6-1/2%, due 7/15/2002	\$ 3,684.36	\$ 206.32
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	713.42	41.38
GNMA, Pool #1710, 6-1/2%, due 9/15/2002	<u>1,293.14</u>	<u>73.45</u>
	<u>\$ 5,690.92</u>	<u>\$ 321.15</u>

GNMA PASS-THROUGH MATURITIES AND PREPAYMENTS (Continued)
(November, 1973)

<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>
<u>U. T. EL PASO - STUDENT HOUSING REVENUE BONDS OF 1961 - RESERVE FUND:</u>		
GNMA, Pool #852, 6-1/2%, due 1/15/2002	\$ 140.87	\$ 4.09
<u>U. T. EL PASO - BUILDING REVENUE BONDS, SERIES 1969 - RESERVE FUND:</u>		
GNMA, Pool #121, 8%, due 11/15/2000	\$ 119.46	\$ 2.40
GNMA, Pool #184, 8%, due 4/15/2001	458.38	-0-
GNMA, Pool #920, 8%, due 9/15/2001	205.19	4.82
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	340.13	20.65
	<u>\$ 1,123.16</u>	<u>\$ 27.87</u>
<u>U. T. EL PASO - STUDENT UNION BUILDING REVENUE BONDS, SERIES A AND B, 1967 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 489.35	\$ -0-
GNMA, Pool #548, 8%, due 4/15/2001	31.41	(2.57)
	<u>\$ 520.76</u>	<u>(\$ 2.57)</u>
<u>U. T. EL PASO - COMBINED FEE REVENUE BONDS, SERIES 1970, 1971 & 1973 - RESERVE FUND:</u>		
GNMA, Pool #194, 8%, due 1/15/2001	\$ 789.38	(\$ 29.60)
GNMA, Pool #920, 8%, due 9/15/2001	685.48	10.42
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	37.85	2.30
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	1,357.08	78.71
	<u>\$ 2,869.79</u>	<u>\$ 61.83</u>
<u>U. T. ARLINGTON - HOUSING SYSTEM REVENUE BONDS - SERIES 1963 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 402.63	\$ -0-
GNMA, Pool #708, 6-1/2%, due 11/15/2001	28.42	1.33
	<u>\$ 431.05</u>	<u>\$ 1.33</u>
<u>U. T. ARLINGTON - STUDENT CENTER FEE BONDS, SERIES 1960 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 495.55	\$ -0-
<u>U. T. ARLINGTON - GYMNASIUM FEE BONDS - SERIES 1961 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 511.03	\$ -0-
<u>U. T. ARLINGTON - STUDENT FEE REVENUE BONDS - SERIES 1964, SERIES 1966, AND SERIES 1968 - RESERVE FUND:</u>		
GNMA, Pool #121, 8%, due 11/15/2000	\$ 62.73	\$ 4.01
GNMA, Pool #548, 8%, due 4/15/2001	130.12	(7.16)
GNMA, Pool #852, 6-1/2%, due 1/15/2002	281.06	11.35
	<u>\$ 473.91</u>	<u>\$ 8.20</u>
<u>U. T. ARLINGTON - COMBINED FEE REVENUE BONDS, SERIES 1971, 1971A, 1973 & 1973A - RESERVE FUND:</u>		
GNMA, Pool #708, 6-1/2%, due 11/15/2001	\$ 40.62	\$ 1.90
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	31.19	1.46
	<u>\$ 71.81</u>	<u>\$ 3.36</u>