

Chancellor's Docket No. 53
THE UNIVERSITY OF TEXAS SYSTEM
Office of the Chancellor

January 13, 1972

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

Mrs. Johnson and Gentlemen:

The dockets 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 4, 1972. 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 Austin
The University of Texas at El Paso
The University of Texas at Arlington
The University of Texas at Dallas
The University of Texas Southwestern Medical School at Dallas
The University of Texas Medical School at San Antonio
The University of Texas Dental School at San Antonio
The University of Texas Medical Branch at Galveston
The University of Texas Medical School at Houston
The University of Texas Dental Branch at Houston
The University of Texas M. D. Anderson Hospital and Tumor Institute at Houston
The University of Texas Graduate School of Biomedical Sciences at Houston
Division of Graduate Studies
Division of Continuing Education
The University of Texas School of Public Health at Houston
The University of Texas Nursing School (System-wide)

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

GIFTS

The following gifts have been received. I recommend acceptance by the Board of Regents:

<u>Donor</u>	<u>Item</u>	<u>Amount</u>
1. Mr. and Mrs. J. A. R. Moseley 4804 Alan Dale Lane Dallas, Texas 75209	Oil painting by Edmund Osthaus (to be hung in the Bauer House). The painting, done in 1910, is of two setter bird dogs, entitled "On Point".	\$11,500.00 (Appraisal value)
2. Mrs. John Leddy Jones P. O. Box 20695 Dallas, Texas 75220	Two checks in the amount of \$5,000 each, to be used for projects at the discretion of Chancellor LeMaistre and Chancellor-Emeritus Ransom.	\$10,000.00
3. Mrs. Richard J. Price 3711 San Felipe Apartment 11-C Houston, Texas 77027	Chancellor's Council (100 shares of Howard B. Wolf, Inc. Common Stock)	\$ 1,303.15 (Proceeds from sale)

D. C.

THE UNIVERSITY OF TEXAS SYSTEM
Office of the Chancellor

1082

January 13, 1972

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

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10 + 7

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GIFTS (Continued)

1083

<u>Donor</u>	<u>Item</u>	<u>Amount</u>
4. Mr. F. H. Connally General American Oil Company of Texas Meadows Building Dallas, Texas 75206	Chancellor's Council (30 shares of General American Oil Company Common Stock)	\$ 1,021.53 (Proceeds from Sale)
5. Standard Oil (Indiana) Foundation, Inc. Mr. Donald E. Burney, Executive Director 910 South Michigan Avenue Chicago, Illinois 60605	Three \$1,000 awards for undergraduate teaching effectiveness for 1971-72; a \$2,000 contingency fund allocated for partial support of teaching effectiveness seminars.	\$ 5,000.00
6. Mrs. Ralph H. Cameron 232 Park Hill San Antonio, Texas 78212	To <u>The University of Texas</u> <u>at San Antonio.</u> Personal library of Colonel Ralph H. Cameron.	\$20,200.00 (Appraisal value)

APPROVAL TO CONTINUE EMPLOYMENT AFTER AGE 65

Mr. J. L. Andrews, Oil Gauger in the Department of Oil Field Supervision and Geophysical Exploration -- Office of Investments Trusts and Lands, was 65 on November 6, 1971. Normal retirement would be August 31, 1972. Mr. Andrews is in good health and is thoroughly able to continue the discharge of his duties. System Administration recommends his continued employment during the fiscal year 1972-73.

AMENDMENTS TO U. T. SYSTEM GROUP INSURANCE POLICIES

1. It is recommended that The University of Texas System Group Term Life Contract #G-2302 with Aetna Life and Casualty Company be amended effective April 1, 1972 to provide an option for each employee participating under the group term life policy to purchase as a payroll deduction excess paid up at age 65 life insurance with cash value benefits. Such employees could choose an amount of up to one times annual earnings in multiples of \$5,000, not to exceed a maximum of \$15,000.

Employees who are eligible to purchase this coverage are:

1. New employees who are eligible for, and elect to participate in, group term life, and
2. Current employees who are participating under the group term life policy, and
3. Current employees who are eligible for, and did not elect to participate in group term life but have not been denied coverage due to failure to pass evidence of insurability requirements, and now do elect to participate in group term life.

Current employees who have been denied coverage due to failure to pass evidence of insurability requirements will not be eligible to purchase either group term life or the excess coverage.

The University of Texas System will be able to offer this excess paid up life insurance with cash value as an option to eligible employees at competitive rates.

Franklin
Misc

41084

AMENDMENTS TO U. T. SYSTEM GROUP INSURANCE POLICIES (Continued)

2. It is recommended that The University of Texas System Contract with Blue Cross-Blue Shield be amended to change the rate schedule applicable to all components effective February 1, 1972, to provide adequate premiums to meet the actual costs of medical claims, which now exceed premium income. For the contract period January 1, 1972 through December 31, 1972, rates will be increased by approximately 13.7%. However, due to the fact that the actual rate change will not be applicable until February 1, 1972, and must provide for increases necessary for an annual period, the monthly premiums paid average about 15.5%. Since increased hospital and medical costs are reflected in significantly increased claims against The University of Texas System group medical insurance program, it is necessary to protect the financial soundness of the group by increasing the rates, which have been carefully worked out with Blue Cross-Blue Shield.

CONTRACTS AND GRANTS (FEDERAL)

207

Amendment No. 2 to National Science Foundation Institutional Grant for Science No. GU 3764 has been awarded to System Administration of The University of Texas System. This amendment awards \$38,577 effective December 3, 1971 and continuing until the funds are expended. Funds awarded under Grant No. GU 3764 now total \$109,127. The additional funds will be allocated at a subsequent date to projects complying with the scientific purposes permitted by the grant.

CONTRACTS AND GRANTS (OTHER)

The following contracts and agreements have been executed by the appropriate University of Texas officials on behalf of The University of Texas at San Antonio:

1. Lease Agreement between The University of Texas at San Antonio and the City of San Antonio. This lease is for 3,112 square feet of space located in the Eager Building at 600 HemisFair Plaza. The period of the lease is September 1, 1971 through August 31, 1973. The rate is 16 cents per square foot per month, making the monthly rental \$500.
2. Contract between The University of Texas at San Antonio and Southwestern Bell Telephone Company. The telephone service is to consist of Centrex II Communications Service Package with console operation and 400 station lines at the campus located at FM 1604 and Babcock Road, San Antonio, Texas. Payment will be based on the Telephone Company's published tariffs and this supplemental contract. The service period is to begin on or about September 1, 1973 and end at 6 P.M. on August 31, 1975. The contract includes a termination charge of \$81,000 for removal and discontinuance of the service, less a credit of 1/36 of this amount for each month service has been retained and paid.

400

400

REPORT OF AMENDMENTS TO THE 1971-72 SYSTEM ADMINISTRATION BUDGET

Office of the Chancellor

1. Remove Francis A. Miskell, Director of State Affairs at an annual salary rate of \$30,000, from the budget as of December 12, 1971, the date of his death. (RBC# D-54)

System Personnel Office - Workmen's Compensation Insurance Division

2. Transfer \$3,771 from W.C.I. - Physical Examinations to W.C.I. - Classified Salaries to establish a new position of Accounting Clerk I. This position will provide additional bookkeeping, reporting, and statistical assistance for increased W.C.I. claims. (RBC# D-53)

Office of Facilities Planning and Construction (Revolving Fund)

Appointments:

	<u>Name</u>	<u>Title</u>	<u>Annual Salary Rate</u>	<u>Effective Date of Appointment</u>
3.	John P. Beeson	Resident Construction Manager	\$18,500	11-1-71
4.	Fred S. Radwanski	Resident Construction Manager	18,500	12-13-71
5.	William H. Clift	Architect and Planning Advisor	17,200	11-1-71
6.	W. Edwin Dennis	Architect and Planning Advisor	15,000	1-1-72
7.	William R. Lane	Project Coordinator	15,600	12-1-71
8.	Lawrence J. Bernhardt	Project Coordinator	15,000	1-1-72
9.	Corey A. Hoffpauir	Landscape Technician	12,500	1-1-72
10.	William K. Bowne	Assistant, Furniture and Equipment Division	12,500	1-1-72
11.	Lotta E. Neal (RBC's # D-44, D-45, D-50, D-51, D-56, D-66, D-68, D-69, D-70)	Construction Inspector	12,000	1-1-72

Resignations:

	<u>Name</u>	<u>Title</u>	<u>Annual Salary Rate</u>	<u>Date of Resignation</u>
12.	Luther B. Gilmer	Architect and Planning Advisor	\$16,200	12-31-71
13.	Charles O. Holmes	Construction Inspector	11,000	12-31-71
14.	John T. Blair (RBC's # D-58, D-59, D-60)	Construction Inspector	10,000	12-31-71

Regional Medical Program of Texas (U. S. Department of Health, Education and Welfare Contract)

- 15. Appoint Gerald M. Mussey as Operations Officer effective January 1, 1972 at an annual salary rate of \$13,000. (RBC# D-52)
- 16. Increase the annual salary rate of Beverly A. Draw, Information Officer, from \$12,700 to \$13,000 effective December 1, 1971. (RBC# D-55)
- 17. Resign John L. Oxley, Regional Representative at an annual salary rate of \$15,000 effective November 30, 1971. (RBC# D-49)

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Mise*

Plant Funds

- 18. Transfer \$8,500 from the Interest on Construction Funds Time Deposits account to the U. T. System Offices - Furnishings and Remodeling account. (RBC# D-47)

The University of Texas at San Antonio

- 19. Appoint G. C. Franklin as Vice President for Fiscal Affairs and Operations at an annual salary rate of \$28,000 effective December 1, 1971. (RBC# SAA-25)
- 20. Transfer \$2,000 from the institutional Unallocated Account to the Office of University and Student Affairs - Travel account to establish a travel account for this office. (RBC# SAA-28)
- 21. Transfer \$49,000 from the institutional Unallocated Account to General Services - Maintenance and Operation. This will provide funds for lease of additional space, and for the purchase of furniture and equipment. (RBC's #SAA-24, SAA-26)

The University of Texas Institute of Texan Cultures at San Antonio

22. Transfer \$4,793.34 from the institutional Unallocated Account to Administration - Classified Salaries to establish an additional clerical position which is needed to handle the increased administrative work load and demand for extension materials. (RBC# TC-55)

The University of Texas of the Permian Basin

23. Appoint Henry W. Hise as Assistant to the President at an annual salary rate of \$14,000 effective November 1, 1971. (RBC# PB-43)
24. Appoint James J. Love as Chief of Police at an annual salary rate of \$12,500 effective November 1, 1971. (RBC# PB-41)
25. Change the status of Norman H. Grine from Executive Assistant at an annual salary rate of \$12,000 to Purchasing Agent at an annual salary rate of \$13,200 effective December 1, 1971. (RBC's # PB-49, PB-50)
26. Lapses were made from the accounts listed below to the institutional Unallocated Salaries account as follows:

Office of the President - Administrative Salaries	\$ 3,833.30
Vice President for Business Affairs - Classified Salaries	4,149.00
Executive Director of Student Services - Administrative Salaries	1,541.00
Development Board - Classified Salaries	1,446.00
News and Information - Administrative Salaries	4,500.00
Dean of Arts and Education - Administrative Salaries	9,500.00
Learning Resources Center - Administrative Salaries	1,349.00
Physical Plant - Classified Salaries	<u>1,446.00</u>
TOTAL	<u>\$27,764.30</u>

(RBC's #PB-30, PB-31, PB-32, PB-33, PB-38, PB-45, PB-46, PB-48)

27. Transfers were made from the institutional Unallocated Salaries account to the following departmental accounts:

Vice President for Business Affairs - Administrative Salaries	\$20,316.66
News and Information - Classified Salaries	7,400.00
Grounds Maintenance - Classified Salaries	<u>1,450.20</u>
TOTAL	<u>\$29,166.86</u>

(RBC's #PB-34, PB-35, PB-39, PB-47)

28. Transfer \$25,000 from the Learning Resources Center - Books account, as follows:

\$10,000 to Physical Plant - Equipment

\$15,000 to the institutional Unallocated Account.

(RBC's #PB-36, PB-37)

OTHER FISCAL ITEMS

1. Reallocation of Source of Funds between U. T. El Paso Projects 201-164, Resurfacing and Relighting Tennis Courts and Project 201-124, Electrical Distribution System, Phase II, and Additional Transfer within Latter Account --

For bookkeeping purposes, transfer from Electrical Distribution System - Phase II project to the Resurfacing and Lighting Tennis Courts project \$16,729.28 in Legislative Appropriations for Repairs and Rehabilitation to Buildings (which would otherwise have lapsed at August 31, 1971) in lieu of a like amount of PUF Bond proceeds initially appropriated to the latter project and hereby transferred therefrom to the Electrical Distribution - Phase II project.

Within the Electrical Distribution System - Phase II project, transfer \$4,076.73 from the allotment account to the Douglass Brothers, Inc. contract account to provide for additional related work.

2. Combining Related Projects with the Fine Arts Complex Construction Project at U. T. El Paso --

Regental action at the October 22, 1971 meeting awarded the construction contract on the above project and authorized total appropriations of \$7,250,000 to this project. For bookkeeping purposes, it is desirable to combine therewith certain smaller appropriations previously made by the Board for separate but related project accounts as follows:

\$21,240.00 at the meetings in March and April, 1971, for relocation of a sanitary sewer line for site of Fine Arts Complex.

\$15,000.00 at the meeting in June, 1971, to cover the installation of the isolation valves, relocation of the gas line, Engineer's fees and other miscellaneous items related to the Fine Arts Complex.

Sources of both the above appropriations were from Combined Fee Revenue Bonds, Series 1970.

3. The University of Texas at Austin Appropriation for the Expansion of Memorial Stadium and for the Physical Education Building --

Appropriate \$1,250,000.00 to the allotment account for the Memorial Stadium and Physical Education Building project which has been allocated to this project from Permanent University Fund Bond Proceeds. This amount will include funds for furniture and furnishings in the building for which an appropriation has not heretofore been made.

Sincerely,

Charles A. LeMaistre /a.

Charles A. LeMaistre, M.D.
Chancellor

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THE UNIVERSITY OF TEXAS AT AUSTIN

INDEX

February 4, 1972

Meeting

	<u>Page</u>
Budget	M-28
Contracts	
Academic and Business	M-14
Research	M-1
Faculty Legislation	M-21
Gifts	M-22
Travel for Faculty and Staff	M-16
Use of Textbooks Written by Faculty	M-19

The UNIVERSITY of TEXAS at AUSTIN

1089

Office of the President

January 7, 1972

Chancellor Charles A. LeMaistre
The University of Texas System
Austin, Texas 78712

Dear Chancellor LeMaistre:

The following docket for The University of Texas at Austin is submitted for your approval and submission to the Board of Regents at its meeting in Austin on February 4, 1972.

RESEARCH AND OTHER ACADEMIC CONTRACTS: The following contracts, grants and amendments have been signed by the appropriate official upon recommendation of the respective technical directors, fiscal officers, and the Office of Sponsored Projects.

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 will conform to established procedures.

I recommend your approval and ratification of signatures.

CONTRACTS and GRANTS (Federal):

1. Modification AFOSR-71-1998B to Grant AFOSR-71-1998, by which the United States Air Force, Air Force Office of Scientific Research, Arlington, Virginia, adds \$37,584 to the grant funds and extends the period of the grant through November 30, 1972. 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, Associate Professor of Aerospace Engineering and Engineering Mechanics.
2. Modification AFOSR 71-2021A to Grant AFOSR 71-2021, by which the United States Air Force, Air Force Office of Scientific Research, Arlington, Virginia, adds \$15,241 to the grant funds and extends the period of the grant through January 14, 1973. The research entitled, "The Effect of Wave Length on the Degradation of Certain Polymers," continues under the direction of Dr. W. Albert Noyes, Jr., Ashbel Smith Professor of Chemistry.
3. Grant AFOSR-72-2221, by which the United States Air Force, Air Force Office of Scientific Research, Arlington, Virginia, provides \$30,546 for support of research entitled, "Learning Control Applications to Thermonuclear Reactor Control." The grant is effective for the period December 1, 1971 through November 30, 1972, and the research will be under the direction of Dr. D. G. Lainiotis, Professor of Electrical Engineering.

4. Grant AFOSR-72-2233, by which the United States Air Force, Air Force Office of Scientific Research, Arlington, Virginia, provides \$33,000 for support of research entitled, "Orbit Determination in the Presence of Unmodeled Accelerations." The grant is effective for the period December 1, 1971 through November 30, 1972, and the research will be under the direction of Dr. Byron D. Tapley, Professor of Aerospace Engineering and Engineering Mechanics.
5. Modification P00001, Supplemental Agreement to Contract F33657-72-C-0158, by which the United States Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, amends the contract by making applicable thereto and a part thereof DD Form 254 dated 12 October 1971 in lieu of the form dated 23 July 1971, without otherwise changing the contract. The research continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
6. Modification P00002, Supplemental Agreement to Contract F44620-71-C-0015, by which the United States Air Force, Air Force Office of Scientific Research, Arlington, Virginia, provides \$27,787 in additional funds, extends the period of the contract through October 31, 1972, incorporates the Price Stabilization Clause, and makes certain changes in the reports section and updates the Government Property and Transfer of Title clauses. The research on high intensity sound continues in the Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
7. Modification No. 7, Supplemental Agreement to Contract DA-49-193-MD-2942, by which the Department of the Army, Army Medical Research and Development Command, Washington, D. C., sets a fixed overhead rate of 46% of salaries and wages for the period September 1, 1969 through May 31, 1970. The research entitled, "Novel 4-Quinolinemethanol Antimalarials," was under the direction of Dr. Royston M. Roberts, Professor of Chemistry.
8. Contract DAAB07-72-C-0086, by which the Department of the Army, U.S. Army Electronics Command, Fort Monmouth Procurement Branch, Fort Monmouth, New Jersey, provides \$83,862 for support of research entitled, "Advanced Optical Jamming Study." The contract is effective for the period December 15, 1971, through December 14, 1972, and the research will be performed in the Electrical Engineering Research Laboratory under the direction of Dr. Alfred H. LaGrone, Professor of Electrical Engineering.
9. Modification P 207, Supplemental Agreement to Contract DADA17-69-C-9073, by which the Department of the Army, U. S. Army Medical Research and Development Command, Washington, D. C., sets a fixed overhead rate of 46% of salaries and wages for the period September 1, 1969 through January 31, 1972. The research entitled, "Process of Modeling of Biological Waste Treatment," continues under the direction of Dr. David M. Himmelblau, Professor of Chemical Engineering.
10. Grant DA-ARO-D-31-124-72-G34, by which the Department of the Army, Army Research Office-Durham, Durham, North Carolina, provides \$28,634 for support of research entitled, "Computational and Applied Mathematics." The grant is effective for the period January 1, 1972 through August 31, 1972, and the research will be under the direction of Dr. Robert T. Gregory, Professor of Mathematics and of Computer Sciences, and Dr. David M. Young, Professor of Mathematics and of Computer Sciences.

11. Modification P207, Supplemental Agreement to Contract DADA17-69-C-9067, by which the Department of the Army, U.S. Army Medical Research and Development Command, Washington, D. C., sets a fixed overhead rate of 46% of salaries and wages for the period September 1, 1969 through December 31, 1971. The studies on prophylactic and curative treatment of malaria continues under the direction of Dr. Karl Folkers, Professor of Chemistry and of Pharmacy.
12. Purchase Order DACW63-72-M-0343, by which the Department of the Army, Corps of Engineers, U. S. Army Engineer District, Fort Worth, Texas, provides \$1,500 for support of a project to design a public archeological display for the Lavon Lake project office. The purchase order is effective for a period beginning October 6, 1971, and the project will be under the direction of Dr. David S. Dibble, Acting Director, Texas Archeological Salvage Project.
13. Modification P00007, Supplemental Agreement to Basic Contract N00014-67-A-0126, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, adds Clause 46 concerning Stabilization of Prices, Rents, Wages and Salaries (August 1971) to the General Provisions of the contract between the Navy and The University of Texas at Austin and all subcontracts thereunder.
14. Modification No. 05, Supplemental Agreement to Contract N00014-67-A-0126-0004, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, adds \$20,000 to the contract funds and extends the period of the contract through September 30, 1972. The research entitled, "Study of Subsurface Resistivity Determination of the Central Texas Region by Magnetotellurics," continues under the direction of Dr. H. W. Smith, Professor of Electrical Engineering.
15. Modification No. 03, Supplemental Agreement to Contract N00014-67-A-0126-0007, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, increases the contract funds by \$35,000 and extends the period of the contract through August 31, 1972. The research entitled, "Orbital Mechanics," continues under the direction of Dr. Victor Szebehely, Professor of Aerospace Engineering and Engineering Mechanics.
16. Modification No. 01, Supplemental Agreement to Contract N00014-70-A-0166-0004, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, provides \$50,000 additional funds to increase the total estimated cost of the contract to \$84,834 and extends the period for performance through December 31, 1972. This modification also adds Payment Instructions for Multiple Fund Accounting Citations clause to the contract. The research in nonlinear air acoustics continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
17. Modification P00012, Supplemental Agreement to Contract N00017-66-C-0378, by which the Department of the Navy, Naval Ordnance Systems Command, Washington, D. C., incorporates into the contract the Negotiated Overhead Rates (Sept. 1970) clauses. The research continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.

18. Modification P00022, Supplemental Agreement to Contract N00024-68-C-1339, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., extends the period of the contract through May 31, 1972, provides \$30,000 additional funds and increases the total estimated cost to \$1,868,232. It also increases the per diem travel rate to not exceed \$25 per day and adds the Stabilization of Prices Clause. Research continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
19. Modification No. 06, Supplemental Agreement to Contract N00014-70-A-0166-0001, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, extends the period of the contract through May 31, 1972 and adds the Price Stabilization Clause without changing the total estimated cost. Research continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
20. Modification No. 2, Supplemental Agreement to Contract N00014-70-A-0166-0002, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, provides \$35,000 to increase the total estimated cost to \$190,000 and extends the period of the contract through October 31, 1972. Research continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
21. Modification P00015 to Contract N00024-70-C-1117, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., adds certain Government Property, without otherwise changing the contract. Research continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
22. Modification P00005 to Contract N00024-70-C-1268, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., corrects the address of the Office of Administration for the contract and extends the period for performance through June 30, 1972, or until all funds shall have been expended, whichever occurs first, without increasing the estimated cost. The research continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
23. Modification P00006 to Contract N00024-70-C-1410, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., makes certain changes from previously directed investigative studies to tests and evaluation of a sonar system without otherwise changing the contract. Research continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
24. Modification P00001, Supplemental Agreement to Contract N00123-71-C-1593, by which the Department of the Navy, Naval Regional Procurement Office, Los Angeles, California, incorporates into the contract advance payments, finding and authority clauses in accordance with the Advance Payment Pool Agreement between the Government and the University, dated February 3, 1971. The research continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.

25. Modification No. 05, Supplemental Agreement to Contract N00014-67-A-0126-0008, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, increases the contract funds by \$12,000 and extends the period of the contract through October 31, 1972. The research entitled, "Mathematical Methods in Manpower Management," continues under the direction of Dr. Abraham Charnes, Professor of General Business.
26. Modification No. 16, Supplemental Agreement to Contract AT-(40-1)-2972, by which the U. S. Atomic Energy Commission, Oak Ridge Operations, Oak Ridge, Tennessee, sets the final fixed overhead rates for the period September 1, 1969 through March 31, 1972. The research in nuclear physics continues under the direction of Dr. Ira Lon Morgan, Professor of Physics, and Director, Center for Nuclear Studies.
27. Modification No. 7, Supplemental Agreement to Contract AT-(40-1)-3458, by which the U.S. Atomic Energy Commission, Oak Ridge Operations, Oak Ridge, Tennessee, adds \$100,000 to the contract funds and extends the period of the contract through September 30, 1972. The research entitled, "Anomalous Diffusion and Thermalization of Turbulent Plasmas," continues under the direction of Dr. William E. Drummond, Professor of Physics.
28. Modification No. 1, Supplemental Agreement to Contract AT-(40-1)-4087, by which the U. S. Atomic Energy Commission, Oak Ridge Operations, Oak Ridge, Tennessee, adds \$200,000 to the contract funds and extends the period of the contract through September 30, 1972. The research entitled, "Texas Turbulent Torus," continues under the direction of Dr. William E. Drummond, Professor of Physics, and Dr. A .E. Robson, Research Scientist.
29. Modification No. 3, Supplemental Agreement to Contract AT-(40-1)-3992, by which the U. S. Atomic Energy Commission, Oak Ridge, Tennessee, increases contract funds by \$150,000 and extends the period of the contract through August 31, 1972. The research in elementary particle theory continues under the direction of Dr. E. C. G. Sudarshan, Professor of Physics, and Dr. Uyval Ne'eman, Professor of Physics.
30. Modification No. 1, Supplemental Agreement to Contract NAS 9-10976, by which the National Aeronautics and Space Administration, Manned Spacecraft Center, Houston, Texas, adds \$74,580 to the contract funds and extends the period of the contract through August 15, 1972. The research entitled, "Separated Flow Phenomena," continues under the direction of Dr. John J. Bertin, Associate Professor of Aerospace Engineering and Engineering Mechanics.
31. Amendment No. 11 to Contract NASr-242, by which the National Aeronautics and Space Administration, Washington, D. C., extends the period of the contract through September 29, 1972. The program continues under the direction of Dr. Harlan J. Smith, Professor of Astronomy, and Director, Research in Astronomy (McDonald Observatory).
32. Modification No. 2, Change Order to Contract NSR 44-012-120, by which the National Aeronautics and Space Administration, Washington, D. C., extends the period of the contract through June 30, 1972. The research to determine the propagation limitation on the accuracy of radio tracking system used for position fixing continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.

33. Grant NGR 44-012-221, by which the National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, provides \$59,741 for support of research entitled, "Pressure Fluctuations Under a Turbulent Boundary Layer." The grant is effective for the period November 1, 1971 through October 31, 1972, and the research will be under the direction of Dr. Ronald L. Panton, Associate Professor of Mechanical Engineering.
34. Modification No. 1, Supplemental Agreement to Contract OEC-0-71-3181-(821), by which the Department of Health, Education, and Welfare, Office of Education, Washington, D. C., changes the name of the Project Director in Article 4 of the contract to Dr. Paul W. English, Professor of Geography, and Acting Director, Center for Middle Eastern Studies.
35. Modification No. 10, Supplemental Agreement to Contract OEC-6-10-108, by which the Department of Health, Education, and Welfare, Office of Education, Washington, D. C. increases contract funds by \$805,000 and extends the period of the contract through June 30, 1973. The Research and Development Center for Teacher Education continues under the direction of Dr. Robert F. Peck, Professor of Educational Psychology, and Dr. Oliver H. Bown, Professor of Educational Psychology.
36. Modification No. 3, Supplemental Agreement to Contract OEC-7-70-0187-(211), by which the Department of Health, Education, and Welfare, Office of Education, Dallas, Texas, increases the contract funds by \$99,900 to a total of \$432,946. The program entitled, "Establishment of a Consultant Center for Educational Leaders in Texas Concerned with Problems of School Desegregation," continues under the direction of Dr. W. E. Barron, Professor of Educational Administration.
[NOT ACCEPTED. SEE MODIFICATION No. 6]
37. Modification No. 4, Supplemental Agreement to Contract OEC-7-70-0187-(211), by which the Department of Health, Education, and Welfare, Office of Education, Dallas, Texas, deletes from the contract provisions that portion of the contract pertaining to the development of desegregation plans. The program entitled, "Establishment of a Consultant Center for Educational Leaders in Texas Concerned with Problems of School Desegregation," continues under the direction of Dr. W. E. Barron, Professor of Educational Administration.
38. Modification No. 6, Supplemental Agreement to Contract OEC-7-70-0187-(211), by which the Department of Health, Education, and Welfare, Office of Education, Dallas, Texas, removes from the contract funds the \$99,900 awarded under Modification No. 3. This action reduces the total estimated cost of the contract to \$333,046. Modification No. 5, dated October 1, 1971, will not be executed by either party and therefore does not exist. The program entitled, "Establishment of a Consultant Center for Educational Leaders in Texas Concerned with Problems of Desegregation," continues under the direction of Dr. W. E. Barron, Professor of Educational Administration.
39. Amendment No. 3 to Grant OEG-0-71-0223-(824-820), by which the Department of Health, Education, and Welfare, Office of Education, Washington, D. C., reduces the grant by \$1,800. The Doctoral Dissertation Research Abroad continues to be coordinated by Dr. Fred P. Ellison, Associate Dean of the Graduate School.

40. Revision No. 2 to Grant OEG-0-71-0273(715), by which the Department of Health, Education, and Welfare, Office of Education, Washington, D. C., provides the balance in funds of \$64,771 for the period through June 30, 1972. The Teacher Corps Assistance Project continues under the direction of Dr. Frederick Williams, Professor of Speech, and Director, Center for Communication Research.
41. Revision No. 3 to Grant OEG-0-71-0273(715), by which the Department of Health, Education, and Welfare, Office of Education, Washington, D. C., provides additional funds of \$9,270 for an increase of effort (25% to 100%) and travel for one Special Assistant of Management for the period July 1, 1971 through October 29, 1971. The Teacher Corps Assistance Project continues under the direction of Dr. Frederick Williams, Professor of Speech, and Director of the Center for Communication Research.
42. Revision No. 4 to Grant OEG-0-71-0273(715), by which the Department of Health, Education, and Welfare, Office of Education, Washington, D. C., provides \$17,898 for a conference entitled, "Toward a Philosophy of Education for the Mexican-American." The Teacher Corps Assistance Project continues under the direction of Dr. Frederick Williams, Professor of Speech, and Director, Center for Communication Research.
43. Revision No. 7 to Grant OEG-4-6-062267-1551(607), by which the Department of Health, Education, and Welfare, Office of Education, Washington, D. C., increases grant funds by \$360,124 and extends the period of the grant through August 31, 1972. The Special Education Instructional Materials Center continues under the direction of Dr. William G. Wolfe, Professor of Special Education.
44. Revision No. 8 to Grant OEG-4-6-062267-1551(607), by which the Department of Health, Education, and Welfare, Office of Education, Washington, D. C., corrects the grant number to read OEG-4-6-062267-1551(607) in lieu of the number OEG-4-6-062267-1511(607) erroneously shown on Revision No. 7. The Special Education Instructional Materials Center continues under the direction of Dr. William G. Wolfe, Professor of Special Education.
45. Grant CA12851-01, by which the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, provides \$22,081 for support of research entitled, "Embryonic and Virally Induced Tumor Cell Membrane Antigens." The grant is effective for the period December 1, 1971 through November 30, 1974, and the \$22,081 now appropriated is for the period December 1, 1971 through November 30, 1972. The research will be under the direction of Dr. Bob G. Sanders, Associate Professor of Zoology.
46. Grant GM09326-11, by which the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, provides \$86,000 for support of research entitled, "Genetic and Chemical Studies of Protein Variations." The grant is effective for the period January 1, 1972 through December 31, 1976, and the \$86,000 now appropriated is for the period January 1, 1972 through December 31, 1972. The research will be under the direction of Dr. H. Eldon Sutton, Professor of Zoology.

47. Grant HD03803-04, by which the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, provides \$294,000 for support of research entitled, "Control Mechanisms in Reproduction and Development." The grant is effective for the period November 1, 1971 through October 1, 1974, and the \$294,000 now appropriated is for the period November 1, 1971 through October 31, 1972. The research will be under the direction of Dr. Antone G. Jacobson, Professor of Zoology.
48. Revised Grant NS 08251-04, by which the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, reduces the budget by \$9,725 to a new total of \$12,820 and shows a new termination date of February 29, 1972. The research entitled, "Physiology of Chemoreception," continues under the direction of Dr. Frank E. Hanson, Assistant Professor of Zoology.
49. Revised Grant 5 K06 CA18366-10, Career Award—Research Career Program, by which the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, adjusts fringe benefits and indirect costs to amount requested. The research entitled, "Chromosomes and Mitosis in Health and Disease," continues under the direction of Dr. H. Eldon Sutton, Professor of Zoology, and Dr. John J. Biesele, Professor of Zoology.
50. Grant 5 K04 GM14160-02, Development Award—Research Career Program, by which the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, provides \$16,800 for support of research entitled, "Structural Studies of Biological Complexes." The grant is effective for the period January 1, 1972 through December 31, 1972, and the research will be under the direction of Dr. Rowland Pettit, Professor of Chemistry, and Dr. David J. DeRosier, Assistant Professor of Chemistry.
51. Grant 5 K04 HD09327-03, Development Award—Research Career Program, by which the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, provides \$24,667 for support of research entitled, "Rhythms, Photoreception and Reproductive Control." The grant is effective for the period January 1, 1972 through December 31, 1972, and the research will be under the direction of Dr. H. Eldon Sutton, Professor of Zoology, and Dr. Michael Menaker, Associate Professor of Zoology.
52. Modification No. 3, Supplemental Agreement to Contract HSM-42-70-7, by which the Department of Health, Education, and Welfare, Public Health Service, National Institute of Mental Health, Rockville, Maryland, sets the overhead rate at 46% of salaries and wages for the period October 1, 1969 through July 30, 1970. The program was conducted under the direction of Dr. Robert S. Kahan, Associate Professor of Journalism.
53. Grant No. 44-P-30141/6-01, by which the Department of Health, Education, and Welfare, Rehabilitation Services Administration, Washington, D. C., provides \$4,272 for support of a Region VI Training Conference. The grant is effective for the period December 1, 1971 through April 1, 1972, and the program will be under the direction of Dr. G. D. Carnes, Associate Professor of Special Education.

54. Amendment No. 4, Revision to Grant No. 44-P-30067/6-06, by which the Department of Health, Education, and Welfare, Rehabilitation Services Administration, Social and Rehabilitation Service, Washington, D. C., adjusts the grant to correct error in computing indirect costs. The total remains the same. The training program in rehabilitation counseling continues under the direction of Dr. Giles D. Carnes, Associate Professor of Special Education.
55. Modification No. 2, Supplemental Agreement to Contract No. 81-46-70-24, by which the Department of Labor, Manpower Administration, Washington, D. C., extends the period of the contract through November 30, 1971. The research entitled, "Negro Employment in the South: The Federal Service and the Construction Industry," continues under the direction of Dr. F. Ray Marshall, Professor of Economics.
56. Amendment dated December 9, 1971, to Grant PS-6374-72-92, by which the National Endowment for the Humanities, Washington, D. C., adds \$65,470 to the grant funds and extends the period of the grant through August 31, 1972. The "Bicentennial Program of the Colleges and Universities of Texas" continues under the direction of Dr. John A. Gronouski, Dean, The Lyndon B. Johnson School of Public Affairs.
57. Grant RO-6120-72-128, by which the National Endowment for the Humanities, Washington, D. C., provides \$14,966 for support of research entitled, "Studies for Interpretations and Translation of Rigveda Poems." The grant is effective for the period November 1, 1971 through October 31, 1972, and the research will be under the direction of Dr. W. P. Lehmann, Ashbel Smith Professor of Linguistics and of Germanic Languages.
58. Amendment No. 1 to Grant GB-27464, by which the National Science Foundation, Washington, D. C. provides additional funds of \$16,000 and extends the period of the grant through June 30, 1973. The research entitled, "Mechanism of Flavoenzyme Reaction," continues under the direction of Dr. J. Lawrence Fox, Assistant Professor of Zoology.
59. Grant GJ-31528, by which the National Science Foundation, Washington, D. C., provides \$31,600 for support of research entitled, "Studies on Mathematical Foundations of Soft Algebra." The grant is effective for the period December 15, 1971 through May 31, 1974, and the research will be under the direction of Dr. Raymond T. Yeh, Associate Professor of Computer Sciences.
60. Grant GJ-31753, by which the National Science Foundation, Washington, D. C., provides \$68,400 for support of a project entitled, "An Experiment in the Transportability of Computer-Based Curriculum Materials." The grant is effective for the period November 1, 1971 through April 30, 1973, and the project will be under the direction of Dr. Charles H. Warlick, Director, Computation Center, and Dr. James C. Browne, Departments of Computer Sciences and of Physics.
61. Amendment No. 1 to Grant GK-2624, by which the National Science Foundation, Washington, D. C., extends the period of the grant through September 14, 1972. The research entitled, "Thermal Migration of Small Particles in Liquids," continues under the direction of Dr. James R. Brock, Professor of Chemical Engineering.

62. Amendment No. 1 to Grant GN-509, by which the National Science Foundation, Washington, D. C., extends the period of the grant to December 31, 1975, without additional funds. Publication of The Prehistory of the Tehuacan Valley continues under the direction of Frank H. Wardlaw, Director, The University of Texas Press.
63. Grant GN-31447, by which the National Science Foundation, Washington, D. C., provides \$22,900 for support of the publication of San Lorenzo, Olmec Man and Olmec Land. The grant is effective for the period December 1, 1971 through November 30, 1976, and the project will be under the direction of Frank H. Wardlaw, Director, The University of Texas Press.
64. Grant GN-31397, by which the National Science Foundation, Washington, D. C., provides \$18,300 for support of publication of Urbanization at Teotihuacan, Mexico, Volume I. The grant is effective for the period November 1, 1971 through April 30, 1976, and the publication will be under the direction of Frank H. Wardlaw, Director, The University of Texas Press.
65. Amendment No. 1 to Grant GP-20370, by which the National Science Foundation, Washington, D. C., extends the period of the grant through June 30, 1972. The research entitled, "Photo-Induced Effects at Gas-Solid Interfaces," continues under the direction of Dr. John M. White, Associate Professor of Chemistry.
66. Grant GS-31640, by which the National Science Foundation, Washington, D. C., provides \$4,750 for support of Doctoral Dissertation Research in Anthropology. The grant is effective for the period December 1, 1971 through May 31, 1974, and the project will be under the direction of Dr. Morgan D. Maclachlan, Assistant Professor of Anthropology.
67. Grant GS-31890, by which the National Science Foundation, Washington, D. C., provides \$50,600 for support of research entitled, "Implications of a Theory of Self-Awareness." The grant is effective for the period January 1, 1972 through June 30, 1974, and the research will be under the direction of Dr. Robert A. Wicklund, Assistant Professor of Psychology.
68. Amendment No. 2 to Institutional Grant for Science GU-3766, by which the National Science Foundation, Washington, D. C., awards additional funds of \$86,013 to The University of Texas at Austin for use in strengthening research and research training activities in science at the University.
69. Grant GW-6911, by which the National Science Foundation, Washington, D. C., provides \$72,265 for support of the 1972 Summer Institute in General Science for Secondary School Teachers. The grant is effective for the period December 6, 1971, through September 30, 1972, and the program will be under the direction of Dr. Addison E. Lee, Professor of Science Education and Biology.
70. Grant GW-7055, by which the National Science Foundation, Washington, D. C., provides \$121,844 for support of an Academic Year Institute in Science for Secondary School Teachers. The grant is effective for the period November 18, 1971 through October 31, 1973, and the project will be under the direction of Dr. Addison E. Lee, Professor of Science Education and Biology, and Director, Science Education Center.

71. Grant GY-9335, by which the National Science Foundation, Washington, D. C., provides \$86,694 for support of a project entitled, "Development of a New Interdisciplinary Earth Science Course." The grant is effective for the period November 17, 1971 through October 31, 1972, and the project will be under the direction of Dr. Addison E. Lee, Professor of Science Education and Biology, and Director, Science Education Center.
72. Grant GY-9411, by which the National Science Foundation, Washington, D. C., provides \$41,364 for support of the 1972 Short Course in the Vector Space Theory of Matter for College Teachers. The grant is effective for the period October 14, 1971, through September 30, 1972, and the project will be under the direction of Dr. F. A. Matsen, Professor of Chemistry and of Physics.
73. Amendment No. 3 to Contract NSF-C560, by which the National Science Foundation, Washington, D. C., incorporates into Section E of the contract a paragraph setting forth specified final negotiated overhead rates. The geodetic and upper atmospheric studies in the Antarctica using artificial earth satellites continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.

CONTRACTS, GRANTS and AGREEMENTS (Other):

1. Contract for Reimbursement No. 29390, by which the Texas Education Agency, Austin, Texas, provides \$25,943 for support of research entitled, "Coping Styles and Achievement." The contract is effective for the period December 1, 1971 through June 30, 1972, and the research will be under the direction of Dr. Robert F. Peck, Professor of Educational Psychology.
2. Contract dated December 10, 1971, by which the Houston-Galveston Area Council of Governments provides \$15,000 for support of "Technical Assistance in the Development of a Unified Work Program and Joint Funding Package." The contract is effective for the period December 10, 1971, through April 20, 1972, and the program will be under the direction of Dr. Nicholas P. Thomas, Director, Bureau of Government Research, The Lyndon B. Johnson School of Public Affairs.
3. Grant 1-E5-606, by which the Texas Criminal Justice Council, Austin, Texas, provides \$71,192 for support of a "Criminal Justice Project Internship Program." The grant is effective for the period September 1, 1971 through August 31, 1972, and the program will be under the direction of Dr. A. W. Alschuler, Professor of Law.
4. Grant 1J1-515, by which the Texas Criminal Justice Council, Austin, Texas, provides \$87,120 for support of a Criminal Justice Reference Library. The grant is effective for the period September 1, 1971 through August 31, 1972, and the project will be under the direction of Roy M. Mersky, Professor of Law.

CONTRACTS, GRANTS and AGREEMENTS (Non-Governmental):

F 1100

1. Letter Extension for ASHRAE Research Project RP-79, by which the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc., United Engineering Center, New York, New York, extends the period of the Memorandum of Agreement through August 31, 1972. The research entitled, "Friction Factors and Loss Coefficients for Oval-Shaped Spiral Air Duct and Fittings," continues under the direction of Dr. John W. Heyt, Assistant Professor of Mechanical Engineering.
2. Modification No. 1 to Memorandum of Agreement between The University of Texas at Austin and The Edison Electric Institute, by which the Research Division, New York, New York, provides additional funds of \$400,000 for support of EEI Project RP96 and extends the period of the Agreement through June 30, 1973. The research entitled, "The Texas Turbulent Tokamak Experiment," continues under the direction of Dr. William E. Drummond, Professor of Physics.
3. Grant No. 710-0572, by which The Ford Foundation, New York, New York, provides \$195,000 for support of direct instructional and related expenses of policy research seminars in the Lyndon B. Johnson School of Public Affairs and supportive research activities of the Bureau of Governmental Affairs. The grant is effective for the period September 1, 1971, through May 31, 1973, and the research will be under the direction of Dr. John A. Gronouski, Dean, The Lyndon B. Johnson School of Public Affairs.
4. Grant No. 71-201, by which The Moody Foundation, Galveston, Texas, provides \$36,400 for support of the continuing Oral Business History Project in the graduate school of business. The grant is effective for the period September 1, 1971 through August 31, 1973, and the project will be under the direction of Dr. Floyd Brandt, Professor of Management.
5. Letter of Award dated October 11, 1971, by which the Phillips Petroleum Company, Bartlesville, Oklahoma, awards \$4,500 for a Professional Development Fund, allocating \$2,400 to the College of Engineering, \$1,200 to the College of Natural Sciences, \$500 to the College of Business Administration, and \$400 to the School of Law.
6. Award Letter dated October 29, 1971, by which the Research Corporation, New York, New York, provides \$10,000 for support of research entitled, "Millimeter Observations of Interstellar Molecules." The research will be under the direction of Dr. Paul A. Vanden Bout, Assistant Professor of Astronomy.
7. Award Letter dated October 29, 1971, by which the Research Corporation, New York, New York, provides \$10,000 for support of research entitled, "Magnetic Field Effects on Delayed Fluorescence and Electrochemiluminescence." The research will be under the direction of Dr. Allen J. Bard, Professor of Chemistry, and Dr. S.E. Webber, Associate Professor of Chemistry.

CONTRACTS, GRANTS and AGREEMENTS (Non-Governmental):

8. Grant-in-Aid BR1295T, by which the Alfred P. Sloan Foundation, New York, New York, provides \$14,828.90 for continuation of an Alfred P. Sloan Research Fellowship, in physics, originally awarded to Rice University. The fellowship extends through September 15, 1972, and is awarded to Dr. W. David Arnett, Associate Professor of Astronomy.

ACADEMIC AND BUSINESS CONTRACTS. The following contracts have been executed at The University of Texas at Austin by the official indicated. I recommend approval and ratification of signatures.

1. Interagency Cooperation Contract No. IAC(72-73)-176, between The University of Texas at Austin (Graduate School of Social Work) and the Department of Public Welfare, signed by Vice President James H. Colvin, whereby the University agrees to arrange, conduct and teach one Seminar in two series on the general subject of planning and financial systems. Period covered is from September 14, 1971 through October 31, 1971. Total amount not to exceed \$2,900.
2. Interagency Cooperation Contract No. IAC(72-73)-185, between The University of Texas at Austin (Center for Research in Water Resources) and The Lower Colorado River Authority, signed by Vice President James H. Colvin, whereby the University agrees to evaluate water temperature, water quality and biological data. Period covered is from September 1, 1971 through August 31, 1972. Amount is not to exceed \$52,234.
3. Interagency Cooperation Contract No. IAC(72-73)-266, between The University of Texas at Austin (Visual Instruction Bureau) and the Texas Rehabilitation Commission, signed by Vice President James H. Colvin, whereby the University is to provide 16 mm film to be used in in-service training programs. Period covered is from November 1, 1971 through August 31, 1972. Amount not to exceed \$600.
4. Interagency Cooperation Contract No. IAC(72-73)-273, between The University of Texas at Austin (Lyndon B. Johnson School of Public Affairs) and Office of the Governor (Division of Planning Coordination), signed by Vice President James H. Colvin, whereby the University will plan and develop a curriculum for a short course up to ten sessions for State government employees in modern management techniques and current issues in public management. Period covered is from October 1, 1971 through August 31, 1972. Amount not to exceed \$2,500.
5. Interagency Cooperation Contract No. IAC(72-73)-274, between The University of Texas at Austin (Visual Instruction Bureau) and Angelo State University, signed by Vice President James H. Colvin, whereby the University agrees to furnish visual instruction films and other instructional aids. Period covered is from October 26, 1971 through August 31, 1973. Amount not to exceed \$1,000.
6. Interagency Cooperation Contract No. IAC(72-73)-275, between The University of Texas at Austin (Computation Center) and the Texas State Department of Public Welfare, signed by Vice President James H. Colvin, whereby the University agrees to furnish the services of its Computation Center and its equipment on available time basis. Period covered is from October 1, 1971 through June 15, 1972. Amount not to exceed \$1,050.
7. Interagency Cooperation Contract No. IAC(72-73)-277, between The University of Texas at Austin (Bureau of

- Business Research) and the Texas Highway Department, signed by Vice President James H. Colvin, whereby the University agrees to furnish income data on 43 counties in Texas. Period covered is from November 1, 1971 through August 31, 1972. Amount not to exceed \$430.
8. Interagency Cooperation Contract No. IAC(72-73)-278, between The University of Texas at Austin (Bursar's Office) and the Texas Youth Council (Waco State Home), signed by Vice President James H. Colvin, whereby the University agrees to provide room, board, student activities and other normal services to students at the University during the 1971-72 fiscal year. Period covered is from September 1, 1971 through August 31, 1972. Amount not to exceed \$2,100.
 9. Interagency Cooperation Contract No. IAC(72-73)-285, between The University of Texas at Austin (Computation Center) and the Texas Water Rights Commission, signed by Vice President James H. Colvin, whereby the University agrees to furnish the services of its Computation Center and its equipment on available time basis. Period covered is from September 1, 1971 through August 31, 1972. Amount not to exceed \$5,000.
 10. Interagency Cooperation Contract No. IAC(72-73)-287, between The University of Texas at Austin (Computation Center) and the Texas Education Agency, signed by Vice President James H. Colvin, whereby the University agrees to furnish the services of its Computation Center and its equipment on available time basis. Period covered is from September 20, 1971 through August 31, 1972. Amount not to exceed \$500.
 11. Interagency Cooperation Contract No. IAC(72-73)-311, between The University of Texas at Austin (Bureau of Business Research) and the Office of the Governor (Division of Planning Coordination), signed by Vice President James H. Colvin, whereby the University agrees to perform the services set forth in the document in connection with the Project of the Office of the Governor under Urban Planning Grant Contract No. Tex P-313. Period covered is from December 7, 1971 through February 28, 1972. Amount not to exceed \$3,000.
 12. Cooperative Highway Research Program Agreement between The University of Texas at Austin (Center for Highway Research) and the Texas Highway Department, signed by Clyde E. Lee, Director of the Center for Highway Research, relative to highway research re Factors Affecting Splice Development Length. Period is from September 1, 1971 through August 31, 1972. Estimated cost for this period is \$32,000.
 13. Agreement between The University of Texas at Austin (Special Education Instruction Materials Center) and the Region XIII Education Service Center of the Texas Education Agency, signed by Vice President James H. Colvin, whereby the University will be responsible for providing educational and instructional materials and services, including the loan of materials, consultation, teacher training, professional leadership in the evaluation, selection, and development of instructional materials, media and books to special

education teachers in 15 Texas counties which are in the area of responsibility of the Region XIII Education Service Center of the Texas Education Agency. Period covered is from September 1, 1971 through August 31, 1972. Amount of agreement is an estimated \$25,000 worth of materials to be purchased and delivered to the University for loan to ESC XIII and a service fee of \$2,500 to be paid each quarter.

14. Basic Agreement No. DABE34-72-A-0274 between The University of Texas at Austin and the Department of the U. S. Army, Sam Houston, Texas, signed by Vice President James H. Colvin, whereby the University will provide instruction for military personnel of the Department of the Army, Fort Sam Houston, Texas for the Fall Semester 1971. The date of the contract is August 15, 1971.

TRAVEL FOR FACULTY AND STAFF. The following trips are reported in accordance with Section 12 of the Budget Rules and Procedures when expenses are paid from funds not specifically designated for travel; and in accordance with Section 13.23 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. Maxine Cousins Hairston, Assistant Professor of English, October 29, 1971, to Nacagdoches, Texas, to present a paper at a meeting of the Texas Joint English Committee for School and College, District VII. Expenses in the approximate amount of \$48 to be paid from English Academic Development Fund.
2. Wilson M. Hudson, Professor of English, October 28, 1971, to October 30, 1971, to New Orleans, Louisiana, to attend the annual meeting of the South-Central Modern Language Association. Expenses in the approximate amount of \$116 to be paid from English Academic Development Fund.
3. Joseph Jay Jones, Professor of English, October 28, 1971 to October 30, 1971, to New Orleans, Louisiana to attend the annual meeting of South-Center Modern Language Association as chairman of the Placement Committee, and to participate in discussion of curricula and program in English. Expenses in the approximate amount of \$154.50 to be paid from English Academic Development Fund.
4. Joseph Jay Jones, Professor of English, December 26, 1971 to December 31, 1971, to Chicago, Illinois, to confer with the Editor of WLW as a member of the editorial board and with other members of Group 12, Modern Language Association, about program and policies of the group, World Literature Written in English; to represent The Department of English as chairman of Placement Committee to assist graduate students in attendance at the meeting to arrange and hold interviews. Expenses in the approximate amount of \$264.30 to be paid from English Academic Development Fund.
5. Gareth Morgan, Professor of Classics, October 15, 1971 to October 18, 1971, to El Paso, Texas, to address the Texas Foreign Language Association Fall Conference. Expenses in the approximate amount of \$86 to be paid from Classics Academic Development Fund.

6. Jan Louis Perkowski, Associate Professor of Slavic Languages, October 28, 1971 to October 31, 1971, to Columbus, Ohio, to attend the American Association for the Advancement of Slavic Studies Planning Conference on the Future of Slavic Studies to aid in re-examining the program to develop concrete proposals for further financial support from the U. S. Office of Education and the Ford Foundation. Expenses in the approximate amount of \$227 to be paid from European Studies Development Fund.
7. John R. Durbin, Associate Professor of Mathematics, November 25, 1971 to November 27, 1971, to Ontario, Canada, to attend the Combinatorial Group Theory Conference at York University. Expenses in the approximate amount of \$253 to be paid from Academic Development Fund.
8. Daniel R. DiFeo, Jr., Research Science Assistant I in Botany, January 1, 1972 (to be appointed) to April 1, 1972, to Santiago and Valdivia, Chile, to work on the collection of *Kaganeckia oblonga*, and others, in connection with the IBP program sponsored by NSF; and to make extracts of fresh plant material which are necessary for the completion of research. Expenses in the approximate amount of \$1,445 to be paid from GB-27152 Foreign Travel Funds (Mabry).
9. Mark T. Muller, Research Scientist V, Department of Chemistry, November 15, 1971 to November 18, 1971, to Las Vegas, Nevada, to Lag Vegas, Nevada, to attend the Annual Fall Joint Computer Conference to evaluate new innovations in computer-based education teaching methods and techniques for possible implementation in the Research and Development Center at The University of Texas at Austin. Expenses in the approximate amount of \$296 to be paid from Academic Development Program funds.
10. Edward L. Powers, Professor of Zoology, January 1, 1972 to June 1, 1972 to Jerusalem, Isreal to present a paper at The Conference on Molecular Mechanisms of Radiation Effects in Cells held at the Hebrew University; to take resident in Manchester, England for research at the Christie Hospital on Mechanisms of Radiation Damage. Expenses in the approximate amount of \$853.50 to be paid from NDEA Title IV Program, O. E. #1 (Powers).
11. Ronald Prokopy, Research Associate, Department of Zoology, October 10, 1971 to November 10, 1971, to Door County, Wisconsin, to collect cherry fruit flies for specimens in on-going research. Expenses in the approximate amount of \$420 to be paid from regular travel funds and GM 15769-05 Bush, Zoology fund.
12. Roger D. Abrahams, Director of African and Afro-American Research Institute, Interdisciplinary Programs, November 11, 1971 to November 14, 1971, to Washington, D. C., to attend annual American Folklore Society meetings, exchanging ideas on programs and curriculum for possible implementation in classes at The University of Texas at Austin. Expenses in the approximate amount of \$190 to be paid from African and Afro-American Research Institute funds.

13. Geneva Gay, Acting Chairman of Afro-American Studies, Interdisciplinary Programs, November 21, 1971 to November 28, 1971, to Denver, Colorado, to attend the National Council for the Social Studies Pre-Convention Clinic on "Racism and Social Justice". Expenses in the approximate amount of \$151 to be paid from Office of the Provost/Division of General and Comparative Studies Academic Development Fund.
14. Joseph Michel, Professor of Foreign Language Education, November 21, 1971 to November 25, 1971, to Chicago, Illinois to attend annual meeting of the American Council on the Teaching of Foreign Languages where he will make a report. Expenses in the approximate amount of \$213.75 will be paid from Foreign Language Education Academic Fund.
15. Carl R. Ashbaugh, Assistant Professor of Educational Administration, October 31, 1971 to November 2, 1971, to Ohio State University, Columbus, Ohio, to accompany members of the Dean's Committee on Reorganization of Undergraduate Education. Expenses in the approximate amount of \$214.50 to be paid from College-Wide Development Fund.
16. John D. King, Coordinator, Special Education Administration Program, October 31, 1971 to November 2, 1971, to Columbus, Ohio, to examine teacher education program at Ohio State University for evaluation and possible utilization by the Task Force on Curricular Reform. Expenses in the approximate amount of \$201 to be paid from College-Wide Development Fund.
17. Edmund T. Emmer, Assistant Professor of Educational Psychology, November 3, 1971 to November 5, 1971 to Grand Forks, North Dakota, to examine components of the University of North Dakota's teacher education program. Expenses in the approximate amount of \$220 to be paid from College-Wide Development Fund.
18. Dale G. Bettis, Assistant Professor of Aerospace Engineering and Engineering Mechanics, December 16, 1971 to January 15, 1972, to the University of Cambridge, London, England, to visit their Institute of Theoretical Astronomy; to European Space Operations Center of ESRO(ESOC), Darmstadt, West Germany; to attend Seminar fur Angewandte Mathematik, ETH, Clausiusstr, Zurich, Switzerland.
19. Mrs. Marilyn Prentice, Social Work Unit Supervisor, October 24, 1971 to October 27, 1971, to Washington, D. C., to attend meeting of Eastern Region of National Association of Social Workers to enrich the course content of second year field instruction courses and to bring greater knowledge of this area to the faculty of the School of Social Work. Expenses in the approximate amount of \$278 to be paid from Academic Development Fund.
20. Karl Folkers, Director of the Institute of Biomedical Research, December 7, 1971 to January 6, 1972, to Oslo, Norway in connection with cooperative clinical studies at the University of Oslo; to Stockholm Sweden, to visit Kabi/Aktiebolaget, the company supporting some of his current research

on hypothalamic hormones; to Basel, Switzerland to visit F. Hoggmann-Laruche Co., Ltd., who provide $H_6C_{10}O_4$; to Milan, Italy to the University of Milano Medical School to help plan a testing program there; to E. Merck & Co. in Darmstadt, Germany in connection with studies on CoQ and the hormones. The majority of expenses will be reimbursed by Kabi and Roche; minor expenses can justifiably be charged to Detro Fund for Research.

21. Virgil Everett Barnes, Research Scientist, Director of Tektite Research, January 4, 1972 to February 2, 1972, to Cairo, Egypt and the locality of Libyan Desert glass, as an integral part of the research project on Origin of Tektites and to visit the area of Libyan Desert glass occurrence to determine its geological setting and collect material for scientific study. He will join an Egyptian Geological Survey expedition and expenses will be taken care of by a Smithsonian Institution Travel Award so it will be at no expense to The University of Texas at Austin.

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 use of the following faculty authored books as textbooks for the 1971-1972 fiscal year:

<u>Title</u>	<u>Author(s)</u>	<u>Cost to Student</u>	<u>Royalty Per Volume Per Author</u>
<u>College of Humanities</u>			
<u>Classics Department</u>			
* Juvenal: The Sixteen Satires	P. Green	\$ 1.45	\$.145
<u>English Department</u>			
* Folktales of Mexico	A. Paredes	10.00	.50
<u>Germanic Languages Department</u>			
* Seven Eddic Lays	L. M. Hollander (Editor)	2.50	-0-
* German: Language and Culture	<u>Lehmann, O'Hare,</u> & Cobet	7.50	.37
<u>Oriental & African Languages and Literatures</u>			
* Prakrit Languages	S. M. Katre	1.00	-0-
<u>College of Natural Sciences</u>			
<u>Computer Sciences Department</u>			
Let's talk LISP	L. Siklossy	5.00	.50
<u>Physical Instruction Department</u>			
* Foil Fencing	W. Wyrick	2.25	-0-

<u>Title</u>	<u>Author(s)</u>	<u>Cost to Student</u>	<u>Royalty Per Volume Per Author</u>
<u>College of Social & Behavioral Sciences</u>			
<u>Anthropology Department</u>			
* For the Reputation of Truth: Politics, Religion and Conflict Among the Pennsylvania Quakers, 1750-1800	R. Bauman	\$ 10.00	\$.75
<u>Government Department</u>			
Political Leadership and Collective Goods	N. Frohlich, J. Oppenheimer, & O. Young	6.00	-0-
* Urban Politics and Public Policy	R. L. Lineberry & I. Sharkansky	5.95	.20
Systems of Political Science	O. R. Young	2.50	.25
<u>Linguistics Department</u>			
Exercises to Accompany Historical Linguistics: An Introduction	W. P. Lehmann	4.15	.24
<u>Sociology Department</u>			
* Sentiment and Symbolism as Ecological Variables - Bobbs-Merrill Reprints S-85	W. I. Firey	.25	negligible
* Toward a Theoretical System of Human Ecology - Bobbs-Merrill Reprints S=397	<u>Gibbs, J. P.</u> & Martin	.25	None
Vilfredo Pareto	J. Lopreato	2.95	None
Political Structure, Ideology & Economic Development	G. Sjoberg	1.00	None
A Methodology for Social Research	<u>G. Sjoberg</u> & R. Nett	9.95	1.19
* Political Development and Economic Development	J. Walton	1.00	None
<u>College of Business Administration</u>			
<u>Accounting Department</u>			
Accounting Information Systems & Business Organizations	B. E. Cushing	4.00	None

<u>Title</u>	<u>Author(s)</u>	<u>Cost to Student</u>	<u>Royalty Per Volume Per Author</u>
<u>College of Education</u>			
<u>Educational Psychology Department</u>			
* Cross-National Research: Social Psychological Methods and Problems	G. J. Manaster; R. J. Havighurst	\$ 5.95	\$.54

Law School

* The Study of Federal Tax Law-Estate & Gift Tax Volume	Pedrick & Kirby: Editorial Board, Hellawell, <u>Morrison</u> , McCord, O'Byrne, Oliver, Pugh, Thurman, Young	7.40	None
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FACULTY LEGISLATION. The following legislation has been passed by the University Council and/or General Faculty. I recommend approval.

1. Recommended Proposal for an Additional Statement in the Admission Section of the School of Communication Catalogue. The University Council adopted this recommendation by circularization November 4, 1971 (D&P 4948).

"Students are admitted as majors in the degree programs of the School of Communication when they have attained junior standing (60 hours) and have completed at least 36 credit hours in the basic requirements in American government, American history, English, foreign language and mathematics-science.

"Lower-division students planning School of Communication majors will be advised in the Office of the Dean of the School. Students should apply for a Degree Card at the Registrar's Office at some time between the completion of 45 and 60 semester hours of credit. Students cannot be admitted to degree programs in the School until they have declared a major and have received a preliminary degree check."

Until a student files a degree card he will be advised and his records kept in the Dean's Office. After declaring his major, he will thereafter be advised in one of the departments of the School.

GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN

The following gifts have been received at The University of Texas at Austin. I recommend acceptance and that the thanks and appreciation of the Board be sent the donors by the Secretary. In the case of scholarships where the recipient is designated by the donor, it has been ascertained that the donor is a charitable or public institution and that the donation does not constitute an evasion of taxes.

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. Gifts for endowment purposes are indicated by an "E" following the dollar amount.

	DONOR	PURPOSE AND CONDITIONS	AMOUNT
1	Alcoa Foundation A. M. Doty, President Alcoa Building Pittsburgh, Pennsylvania 15219	College of Engineering Contribution to extend the Alcoa Professorship in Chemical Engineering for 1971-72	\$20,000.00
2	American Oil Foundation Donald E. Burney Executive Director 910 South Michigan Avenue Chicago, Illinois 60605	College of Engineering Contribution to provide a fellowship in the Department of Mechanical Engineering	5,000.00
3	*American Petroleum Institute Roy F. Carlson 300 Corrigan Tower Dallas, Texas 75201	Division of Extension Contribution in support of the educational training program	5,000.00
4	Atlantic Richfield Foundation W. Bruce Evans, Secretary 717 Fifth Avenue New York, New York 10022	U. T. Austin Contribution to be divided as follows: College of Engineering Chemical Engineering, \$2,000 Mechanical Engineering, 1,000 Petroleum Engineering, 2,000 College of Business Admin- istration--General, 1,000 Accounting, 1,000 Petroleum Land Manage- ment Program, 1,000 Geological Sciences, 1,000	9,000.00
5	CPC International Inc. Howard C. Harder Chairman of the Board International Plaza Englewood Cliffs, New Jersey 07632	College of Engineering Contribution to the Industrial Participants Program	5,000.00

DONOR	PURPOSE AND CONDITIONS	AMOUNT
6 *Amon G. Carter Foundation Mrs. Katrine Deakins Secretary-Treasurer P. O. Box 1036 Fort Worth, Texas 76101	School of Communication Second annual payment on the Foundation's pledge of \$25,000 to the Department of Journalism	\$5,000.00
7 *Chevron Oil Field Research Company J. B. Justus, Vice President P. O. Box 446 La Habra, California 90631	College of Engineering Annual contribution to the Department of Petroleum Engineering for the Rock Mechanics Research Program	15,000.00
8 *Clayton Foundation for Research 1621 Bank of the Southwest Building Houston, Texas 77002	Clayton Foundation Bio- chemical Institute Quarterly contribution toward coordinating the curriculum of the Department of Chemistry with the Biochemical Institute research program	8,750.00
9 College Entrance Examina- tion Board 888 Seventh Avenue New York, New York 10019	U. T. Austin Contribution to provide scholarships for 8 students	7,215.00
10 *Dresser Industries, Inc. P. O. Box 6504 Houston, Texas 77005	Division of Extension Contribution in support of the educational training program	5,000.00
11 Farah Manufacturing Company, Inc. William Farah, President El Paso, Texas 79985	College of Business Administration Contribution in support of the research program of the Center for Cybernetic Studies	15,000.00
12 *Fondation Nationale pour l'Enseignement de la Gestion des Entreprises 115 Boulevard Haussmann Paris, France	College of Business Administration Contribution to assist with support of a program in business education for 15 French educators	20,000.00
13 The Fondren Foundation Walter W. Fondren III Secretary-Treasurer P. O. Box 2558 Houston, Texas 77001	Department of Geological Sciences Contribution to the Geology Foundation to be applied toward a Professorship in Energy Resources	25,000.00
14 The Ford Foundation Norman W. MacLeod Assistant to Treasurer 320 East 43rd Street New York, New York 10017	Department of Government Contribution to provide a research fellowship in political science for Professor R. Harrison Wagner	15,310.00

DONOR	PURPOSE AND CONDITIONS	AMOUNT
15 General Electric Foundation J. Moreau Brown Associate Secretary 1285 Boston Avenue Bridgeport, Connecticut 06602	College of Business Administration Contribution to provide a graduate research program in technological forecasting in the Department of Manage- ment	\$5,000.00
16 General Electric Foundation J. Moreau Brown Associate Secretary 1285 Boston Avenue Bridgeport, Connecticut 06602	College of Business Administration Faculty Development Grant in Accounting and Finance	5,000.00
17 General Motors Corporation Robert J. Jones Committee for Educational Grants and Scholarships 3044 West Grand Boulevard Detroit, Michigan 48202	U. T. Austin Contribution to provide four scholarships for designated students	5,300.00
18 *Gulf Oil Foundation Z. D. Bonner, President Gulf Oil Chemicals Co. Gulf Building Pittsburgh, Pennsylvania 15219	College of Engineering Contribution to be used for a graduate research program in the Department of Chemical Engineering	5,000.00
19 Halliburton Education Foundation, Inc. John P. Harbin, President 3211 Southland Center Dallas, Texas 75201	College of Business Administration Unrestricted grant in support of teaching excellence for faculty members actively teaching on campus	5,000.00
20 Halliburton Education Foundation, Inc. John P. Harbin, President 3211 Southland Center Dallas, Texas 75201	College of Engineering Contribution to provide the Halliburton Professorship in Petroleum Engineering for 1971-72	15,000.00
21 Houston Endowment Inc. J. H. Creekmore, President P. O. Box 52338 Houston, Texas 77052	School of Communication Contributions to Department of Journalism to provide: Public Affairs Reporting Program, \$10,000 Martin Emmet Walter Scholarships, \$5,000 Jesse H. Jones Scholarships in Journalism, \$4,000	19,000.00

DONOR	PURPOSE AND CONDITIONS	AMOUNT
22 * Latin American Scholarship Program of American Universities, Inc. 25 Mt. Auburn Street Cambridge, Massachusetts 02138	International Office Continuation of regular support to provide scholarships for foreign students	\$26,653.00
23 The Lubrizol Foundation Douglas W. Richardson President Cleveland, Ohio 44117	College of Engineering Contribution to Department of Chemical Engineering to provide two scholarships and a fellowship for 1971-72	5,000.00
24 Shell Companies Foundation Charles E. Parker, Jr. Senior Vice President P. O. Box 2463 Houston, Texas 77001	College of Engineering Contribution to provide the 1971-72 Shell Aid for the use of administrative officers in the Department of Petroleum Engineering	5,000.00
25 Shell Companies Foundation Charles E. Parker, Jr. Senior Vice President P. O. Box 2463 Houston, Texas 77001	Department of Geological Sciences Contribution to provide the 1971-72 Shell Aid for the use of administrative officers in this department	5,000.00
26 *Sun Oil Company James L. Cain P. O. Box 2880 Dallas, Texas 75221	U. T. Austin Contribution to provide student scholarships as follows: College of Business Administration, \$1,500 College of Engineering: Department of Chemical Engineering, \$1,000 Department of Petroleum Engineering, \$1,500 Department of Geological Sciences, \$1,000	5,000.00
The following nonmonetary gifts have also been received:		
27 Selig Altschul 170 Broadway New York, New York	Humanities Research Center Large collection of published annual reports of several airline companies, to be added to the History of Aviation Collection	1,650.00**
28 *Mrs. Max H. Bickler 901 West 16th Street Austin, Texas 78701	Humanities Research Center Gift of two framed works of art of the early Texana period	5,500.00**

DONOR	PURPOSE AND CONDITIONS	AMOUNT
29 Estate of Stanley I. Dunn David Scher, Attorney 60 East 42nd Street New York, New York 10017	Humanities Research Center Bequest of three Norman Bel Geddes stainless steel plaques for the Hoblitzelle Theatre Arts Collection	\$2,750.00**
30 Richard T. Fleming Curator, University Writings Collection The University of Texas at Austin Austin, Texas 78712	Humanities Research Center Contribution of his personal collection of approximately 8,000 post cards and photo- graphs collected during trips to Europe, the Middle East, Mexico, and Central America	No value** given
31 Adrian H. Goldstone 35 Lee Street Mill Valley, California 94941	Humanities Research Center Gift of miscellaneous corre- spondence, a book, and papers relating to Arthur Machen for the Arthur Machen Library	900.00**
32 Archibald A. Hill 3403 Mt. Bonnell Road Austin, Texas 78703	Humanities Research Center Gift of a large collection of books from his personal library to be used by the Department of Linguistics	11,250.00**
33 *Alfred A. Knopf 201 East 50th Street New York, New York 10022	Humanities Research Center Collection of accounts, letters, legal papers, and files of the London Branch of Alfred A. Knopf, Inc.; also, materials relating to the <u>American Mercury</u> , to be added to the Alfred A. and Blanche W. Knopf Library	2,250.00**
34 *Alfred A. Knopf 201 East 50th Street New York, New York 10022	Humanities Research Center Collection of books, magazines, and pamphlets for the Alfred A. and Blanche W. Knopf Library	675.00**
35 Alfred A. Knopf 201 East 50th Street New York, New York 10022	Humanities Research Center Painting, on cloth, by Aldemir Martins, to be added to the Alfred A. and Blanche W. Knopf Library collections	1,500.00**
36 *Joe Lackey 5339 Fieldwood Houston, Texas 77027	Humanities Research Center Collection of early Texana materials, consisting of legal papers and records, pamphlets, correspondence, and photographs, to be added to his previous gift from the archives of Vachel Weldon	2,062.00**

DONOR	PURPOSE AND CONDITIONS	AMOUNT ¹¹¹⁵
37 Mrs. Anesia Pinheiro Machado Ava. Copacabana 1394, Apt. 1002 Rio de Janeiro, Brazil	Humanities Research Center Gift of a collection of rare and historic materials pertain- ing to early aviation history in Brazil, to be added to the History of Aviation Collection	No value given**
38 Ted Perry School of the Arts Department of Cinema Studies New York University 144 Bleecker Street New York, New York 10012	School of Communication Contribution to the Department of Radio-Television-Film of a collection of periodicals from his personal library, to be added to the Motion Picture Center Library	220.00**
39 Mrs. Robert Raynolds Head of Meadow Road Newtown, Connecticut 06470	Humanities Research Center Collection of correspondence, photographs, and other items relating to the work of her husband, Robert Raynolds; also two items relating to Thomas Wolfe	1,750.00**
40 * Paul Rogers 8100 Hillrise Drive Austin, Texas 78759	Humanities Research Center Gift of a collection of photo- graphs, documents, and journals relating to the Spanish Civil War	600.00**
41 C. R. Smith 2358 Massachusetts Avenue, N.W. Washington, D. C. 20008	U. T. Austin Gift to the University Art Museum of two paintings by Henry Farny: Watercolor, size 21" by 14", entitled "Peace Be With You" Oil painting, size 12" by 9", entitled "Sitting Bull"	7,500.00** 7,500.00**
42 * Mrs. Robert L. White 1503 Lorrain Austin, Texas 78703	Humanities Research Center Gift of three volumes of Art Journal dated 1876-1877, books, magazine articles, and other miscellaneous items	375.00**

RECOMMENDED AMENDMENTS TO THE 1970-71 BUDGET

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.

<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>Laboratory for Computer-Assisted Instruction</u>				
Change of Status				
Research Scientist (Faculty)				
1. Theodore Boessenroth	7/17 - 8/31	100	9	\$ 12,000
Change Source of Funds Only:				
To: MITRE Contract Funds				
From: NSF Grant Funds (RBC# 2000-0000)				
Research Scientist (Faculty)				
2. Gerald W. Faust	8/1 - 8/31	100	9	15,000
Change Source of Funds Only:				
To: MITRE Contract Funds				
From: NSF Grant Funds (RBC# 2000-0000)				
Research Scientist (Faculty)				
3. Wilson Judd				
Change Source of Funds Only:				
To: MITRE Contract Funds				
NSF Grant Funds				
From: NSF Grant Funds				
(RBC# 2000-0000)				

THE UNIVERSITY OF TEXAS AT AUSTIN
CURRENT GENERAL FUNDS
AUGUST 31, 1971, BALANCES TO BE REAPPROPRIATED TO 1971-72

3117

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
	General Administration	
	Data Processing Division - Maintenance, Operation and Equipment	\$ 590.88*
	Office of the Dean of Students - Maintenance, Operation and Equipment	638.76*
	Office of the Dean of Students - Orientation Program	2,837.83*
	Counseling and Psychological Services Center - Maintenance, Operation and Equipment	57.04*
	Telephone Counseling and Referral Service - Maintenance, Operation and Equipment	77.39*
	Office of the Registrar - Maintenance, Operation and Equipment	1,067.08*
	Measurement and Evaluation Center - Maintenance, Operation and Equipment	615.48*
	Student Financial Aids - Maintenance, Operation and Equipment	1,158.43*
	Student Financial Aids - Special Equipment	41.98
	International Office - Maintenance, Operation and Equipment	188.40*
	Teacher Placement Service - Maintenance, Operation and Equipment	114.88*
	General Institutional Expense	
	Choral Organizations - Maintenance, Operation and Equipment	49.53*
	Official Publications - Maintenance, Operation and Equipment	748.72*
	Stenographic Bureau - Maintenance, Operation and Equipment	108.19*
	Stenographic Bureau - Special Equipment - Copy Center	1,183.63
	Special Services - Classified Personnel	8,887.91*
	Special Services - Maintenance, Operation and Equipment	63,216.49*
	Office of Institutional Studies - Maintenance, Operation and Equipment	3.19*
	Special Services - Security Division - Maintenance, Operation and Equipment	4,400.00
	Miscellaneous General Institutional Expenses - Educational Films for Departments	587.05
	Miscellaneous General Institutional Expenses - Enrollment Control Study	2,682.15

<u>Account No.</u>	<u>Account Title</u>	<u>1118</u> <u>Amount</u>
[REDACTED]	The Balcones Research Center - Administrative Section - Maintenance, Operation and Equipment	\$ 282.88*
[REDACTED]	University Film Program	93.35*
[REDACTED]	Resident Instruction	
[REDACTED]	Comparative Studies - Maintenance, Operation and Equipment	32.37*
[REDACTED]	School of Architecture	
[REDACTED]	Architecture and Planning - S. S. Teaching Salaries	917.00
[REDACTED]	Architecture and Planning - Maintenance, Operation and Equipment	1,400.88*
[REDACTED]	Architecture and Planning - Special Equipment	1,330.61
[REDACTED]	Planning Program - Maintenance, Operation and Equipment	146.92*
[REDACTED]	Provost for Arts and Sciences	
[REDACTED]	Maintenance, Operation and Equipment	272.65*
[REDACTED]	Travel	376.00
[REDACTED]	College of Humanities	
[REDACTED]	Dean of Humanities - Maintenance, Operation and Equipment	368.88*
[REDACTED]	College of Social and Behavioral Sciences	
[REDACTED]	Dean of Social and Behavioral Sciences - Maintenance, Operation and Equipment	681.38
[REDACTED]	College of Arts and Sciences	
[REDACTED]	Anthropology - Special Equipment	3.76
[REDACTED]	Astronomy - Travel	126.50
[REDACTED]	Astronomy - Special Equipment	3,871.63
[REDACTED]	Botany - Maintenance, Operation and Equipment	96.02*
[REDACTED]	Chemistry - Special Equipment	5.33
[REDACTED]	Computer Sciences - Maintenance, Operation and Equipment	350.14*
[REDACTED]	Economics - Maintenance, Operation and Equipment	32.24*
[REDACTED]	English - Maintenance, Operation and Equipment	20.35*
[REDACTED]	Geography - Special Equipment	545.40
[REDACTED]	Geological Sciences - Maintenance, Operation and Equipment	1,213.23*
[REDACTED]	Government - Special Equipment	.04
[REDACTED]	History - Maintenance, Operation and Equipment	182.61*
[REDACTED]	History - Special Equipment	94.32
[REDACTED]	History - Matching Account 26-1860-3980 Equipment Only	276.24

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
██████████	Home Economics - Maintenance, Operation and Equipment	\$ 183.64*
██████████	Home Economics - Travel	300.00
██████████	Home Economics - Special Equipment	11.35'
██████████	Mathematics - Maintenance, Operation and Equipment	1,108.28
██████████	Mathematics - Special Equipment	932.61
██████████	Microbiology - Maintenance, Operation and Equipment	1,283.75*
██████████	Microbiology - Special Equipment	5,971.00
██████████	Philosophy - Special Equipment	9.86
██████████	Physical Instruction - Special Equipment	586.89
██████████	Physics - Maintenance, Operation and Equipment	438.70*
██████████	Psychology - Special Equipment	6,241.78
██████████	Sociology - Special Equipment	31.21
██████████	Spanish and Portuguese - Maintenance, Operation and Equipment	185.44*
██████████	Zoology - Special Equipment	213.62
██████████	Center for Asian Studies - Maintenance, Operation and Equipment	16.46*
██████████	Language Laboratory - Special Equipment	4,900.23
██████████	College of Business Administration	
██████████	Accounting - Maintenance, Operation and Equipment	300.80*
██████████	Finance - Maintenance, Operation and Equipment	83.25*
██████████	General Business - Maintenance, Operation and Equipment	783.65*
██████████	Office of the Dean of Business Administration - Maintenance, Operation and Equipment	306.31*
██████████	Office of the Dean of Business Administration - Special Equipment	935.93
██████████	School of Communication	
██████████	Journalism - Maintenance, Operation and Equipment	246.11*
██████████	Radio-Television Film - Special Equipment	2,233.51
██████████	Speech - Maintenance, Operation and Equipment	198.05'
██████████	Speech - Special Equipment	.81
██████████	Office of the Dean of Communication - Special Equipment	6.57

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
	College of Education	1120
	Cultural Foundations of Education - Maintenance, Operation and Equipment	\$ 29.78*
	Curriculum and Instruction - Maintenance, Operation and Equipment	126.18*
	Educational Administration - Maintenance, Operation and Equipment	13.92*
	Physical and Health Education - Maintenance, Operation and Equipment	93.53*
	Office of the Dean of Education - Special Equipment	4,647.86
	College of Engineering	
	Aero-Space and Engineering Mechanics	
	Aero-Space Engineering - Maintenance, Opera- tion and Equipment	2,016.85*
	Aero-Space Engineering - Special Equipment	.04
	Aero-Space Engineering - Facility Renovation	10.49
	Chemical Engineering - Maintenance, Operation and Equipment	2,003.38*
	Civil Engineering - Maintenance, Operation and Equipment	1,612.66*
	Civil Engineering - Meteorology - Maintenance, Operation and Equipment	247.86*
	Electrical Engineering - Maintenance, Operation and Equipment	1,415.61*
	Mechanical Engineering - Maintenance, Operation and Equipment	252.35*
	Engineering Graphics Division - Maintenance, Operation and Equipment	7.07*
	Nuclear Reactor Teaching Laboratory - Mainte- nance, Operation and Equipment	113.10*
	Petroleum Engineering - Maintenance, Operation and Equipment	227.42*
	Office of the Dean of Engineering - Maintenance, Operation and Equipment	1,456.06*
	Office of the Dean of Engineering - Special Equipment	1,874.08
	Bioengineering Program - Dean of Engineering - Maintenance, Operation and Equipment	4,505.82*
	College of Fine Arts	
	Art - Special Equipment	19.88
	Drama - Maintenance, Operation and Equipment	242.56*
	Music - Maintenance, Operation and Equipment	1,054.46*
	Music - Special Equipment	8,179.99

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
██████████	Office of Dean of Fine Arts - Special Equipment	\$ 137.72
██████████	Student Opera Production - Maintenance, Operation and Equipment	1,275.92*
██████████	School of Law - Maintenance, Operation and Equipment	1,116.52*
██████████	Legal Aid Clinic - Maintenance, Operation and Equipment	184.61*
██████████	College of Pharmacy - Maintenance, Operation and Equipment	992.83*
██████████	College of Pharmacy - Special Equipment	511.62
██████████	Graduate School of Social Work - Special Equipment	968.65
██████████	Office of Radiation Safety and Toxic Materials - Maintenance, Operation and Equipment	63.61*
██████████	Attendance at Professional Meetings	1,459.98
██████████	Organized Activities Relating to Instructional Departments	
██████████	Communication Center - Maintenance, Operation and Equipment	1,103.60*
██████████	Communication Center - Special Equipment	5,586.26
██████████	Communication Center - KUT-FM	163.83*
██████████	Library	
██████████	Maintenance, Operation and Equipment	3,180.79*
██████████	Law Library - Maintenance, Operation and Equipment	102.23*
██████████	Organized Research	
██████████	Research in Astronomy - McDonald Observatory - Maintenance, Operation and Equipment	337.17*
██████████	Research in Astronomy - McDonald Observatory - Special Equipment	10.68
██████████	Research in Botany - Herbarium - Maintenance, Operation and Equipment	68.92*
██████████	Research in Special Education - Matching Funds for VRA Contract 515-T-64	6.12
██████████	Research in Texas History - Maintenance, Operation and Equipment	151.27*
██████████	Population Research Center - Maintenance, Operation and Equipment	7.23*
██████████	Population Research Center - Travel	316.65
██████████	Bureau of Business Research - Maintenance, Operation and Equipment	483.04
██████████	Bureau of Business Research - Travel	149.72*
██████████	Bureau of Business Research - Special Equipment	8.19

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
[REDACTED]	Center for Communication Research - Maintenance and Operation	\$ 74.56*
[REDACTED]	Bureau of Engineering Research - Maintenance, Operation and Equipment	389.78*
[REDACTED]	Antiquities Conservation Laboratory - Salaries	8,683.70
[REDACTED]	Antiquities Conservation Laboratory - Maintenance, Operation and Equipment	3,850.35
[REDACTED]	Cell Research Institute - Maintenance, Operation and Equipment	109.82*
[REDACTED]	Center for Research in Water Resources - Matching Funds for Grants	3,764.79
[REDACTED]	Center for Numerical Analysis - Maintenance, Operation and Equipment	192.57*
[REDACTED]	Center for Statistical Mechanics and Thermodynamics - Maintenance and Operation	1,116.77*
[REDACTED]	Clayton Foundation Biochemical Institute - Maintenance, Operation and Equipment	7.38*
[REDACTED]	Computation Center - Maintenance and Operation	2,376.23*
[REDACTED]	Center for Intercultural Studies in Folklore and Oral History - Maintenance and Operation	58.66*
[REDACTED]	Humanities Research Center - Maintenance, Operation and Equipment	284.96*
[REDACTED]	Institute of Latin American Studies - Maintenance, Operation and Equipment	87.61*
[REDACTED]	Center for Mexican-American Studies - Maintenance, Operation and Equipment	11.81*
[REDACTED]	Port Aransas Marine Institute - Maintenance, Operation and Equipment	273.87*
[REDACTED]	Port Aransas Marine Institute - Special Equipment	3,039.45
[REDACTED]	Lab of Algal Physiology - Maintenance, Operation and Equipment	14.17*
[REDACTED]	Learning Disabilities Center - Maintenance, Operation and Equipment	18.85*
[REDACTED]	Research Instruments Laboratory - Maintenance, Operation and Equipment	11.21*
[REDACTED]	Science Education Center - Special Equipment	153.37*
[REDACTED]	Southwestern Social Science Quarterly - Maintenance, Operation and Equipment	38.65*
[REDACTED]	Research and Publications Projects of the Graduate Program Allotment Account	6,152.53
[REDACTED]	Salaries	2,869.81
[REDACTED]	Special Research Equipment - Graduate Program	11,895.86
[REDACTED]	Education of Spanish Speaking Children and S. S. Measurement - Maintenance, Operation and Equipment	2,078.70

<u>Account No.</u>	<u>Account Title</u>	<u>1123</u> <u>Amount</u>
[REDACTED]	Project RE-403, Reed Bates	\$ 492.04
[REDACTED]	Project RE-409, Hans-Bernhard Moeller	27.03
[REDACTED]	Project RE-413, Charles J. Parrish	22.90
[REDACTED]	Project RE-420, A. M. Sager	100.22
[REDACTED]	Project RE-426, W. L. Rutherford	296.63
[REDACTED]	Project RE-429, E. W. Bach	269.64
[REDACTED]	Project RE-432, Leo Hughes	59.35
[REDACTED]	Project RE-437, G. Fredericks	300.00
[REDACTED]	Project RE-440, L. S. Land	21.50
[REDACTED]	Project RE-450, J. Spence	450.00
[REDACTED]	University Research Institute Project R-133, Philip L. Stotter	513.70*
[REDACTED]	Extension	
[REDACTED]	Bureau of Public School Service - Maintenance, Operation and Equipment	488.51*
[REDACTED]	Industrial and Business Training Bureau - Maintenance, Operation and Equipment	182.75*
[REDACTED]	Office of the Dean of Extension - Maintenance, Operation and Equipment	6.54*
[REDACTED]	Office of the Dean of Extension - Stamps for Extension Division	201.89*
[REDACTED]	Office of the Dean of Extension - Travel	69.45*
[REDACTED]	Physical Plant	
[REDACTED]	Improvements, Remodeling and Major Repairs Allotment Account	45,741.49
[REDACTED]	Furniture and Furnishings - Washington, D. C. Office	339.64
[REDACTED]	Remodeling Spaces in Pharmacy Building - Room 4, Vault, 302A, B, C, 304A, 306, 402, 403, 404, 405, and 407	1,200.00
[REDACTED]	Construction of Plant Shelter	1,758.68
[REDACTED]	Partition - Room 101B W.M.O.B.	84.28
[REDACTED]	Partitions for Room 100 Drama Building	35.64
[REDACTED]	Alterations to Law Library	130.36
[REDACTED]	Remodeling Spaces in Pharmacy Building - Room 4A	56.75
[REDACTED]	Improvements to McDonald Observatory	59.40
[REDACTED]	Remodeling Room 209 Chemistry Building	816.35
[REDACTED]	Remodeling Room 215 Geology Building	474.68
[REDACTED]	Installation of Electrical Outlets in Burdine Hall	545.93

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
[REDACTED]	Remodeling Room 311 - Biological Laboratory	\$ 507.38
[REDACTED]	Converting Room 561 B. E. B. into an Office	400.00
[REDACTED]	Remodeling W. M. O. B. for Counseling - Psychological Services Center	4,291.82
[REDACTED]	Remodeling Room 406 Pharmacy Building	7,256.77
[REDACTED]	Remodeling Spaces in Music Building	16.00
[REDACTED]	Remodeling Room 121 Main Building	22.76
[REDACTED]	Remodeling Room 310 and 312 Wagener Hall	74.74
[REDACTED]	Remodeling Room 108 Chemistry Building	529.58
[REDACTED]	Revisions to Room 204A, 2621 Speedway	453.28
[REDACTED]	Renovation of UJH Auditorium	2,057.60
[REDACTED]	Security Gate at 27th Floor Main B.	248.65
[REDACTED]	Repair Mezes Hall - Fire Area	162.71
[REDACTED]	Construct Office for Criminal Justice Reference Librarian on 2nd Level of Law Library	247.94
[REDACTED]	Furniture for Architecture Annex	984.82
[REDACTED]	Remodeling Room 327 Sutton Hall	58.37
[REDACTED]	Installation of Exhaust Fan, Chemistry Building	131.55
[REDACTED]	Remodeling Government Documents Librarian Office	41.27
[REDACTED]	Remodeling Offices at 2613 Wichita	18,744.02
[REDACTED]	Carpet and Sound-Proof Behavior Therapy Facility - W. M. O. B.	5.50
[REDACTED]	Remodeling of Room 216, ROTC Building	501.35
[REDACTED]	Improvements to Teaching Facilities	2,743.88
[REDACTED]	Alterations to Room 219 Garrison Hall	2,176.59
[REDACTED]	Alterations to Burdine Hall 336 for Dean's Office	1,214.78
[REDACTED]	Remodeling Ground Floor Stack Area, Main Building	3,454.20
[REDACTED]	Remodeling Room 410 - Academic Center	2,323.00
[REDACTED]	Remodeling 1st Floor of Will C. Hogg (Dean's Office)	6,590.62
[REDACTED]	Remodeling Rooms 103 and 105 - Speech Building	1,300.00
[REDACTED]	Installation of Door between Room 206 and 204D Social Work Building	150.00
[REDACTED]	Revisions to Room 217, Drama Building	3,450.00
[REDACTED]	Nursery School Storage Building	1,000.00
[REDACTED]	Improvements to H. E. Building, Rooms 101 and 105	2,800.00

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
[REDACTED]	Remodeling of Room 34 - G. G. Addition	\$ 650.00
[REDACTED]	Improvements to Lighting, Geology Building 528 and 529	700.00
	General Services	
	Administration - Main Campus	
[REDACTED]	Office of Superintendent - Buildings and Grounds - Maintenance, Operation and Equipment	218.33*
	Other General Services - Main Campus	
[REDACTED]	Transportation - Moving Expenses - New Buildings	7.71
[REDACTED]	Transportation - Moving Occupants into Sid Richardson Library	2,695.00
[REDACTED]	Furniture and Furnishings Shop - Special Equipment	40.00
[REDACTED]	Lock and Key Service - Special Equipment	300.00
[REDACTED]	Furniture and General Equipment - Special Equipment	4,118.56
	Building Maintenance	
[REDACTED]	Balcones Research Center - Maintenance, Opera- tion and Equipment	1,029.00*
[REDACTED]	Balcones Research Center - Building Rehabilitation	513.23
	Custodial Services	
[REDACTED]	Main Campus - Special Equipment	.76
[REDACTED]	Main Campus - Special Equipment - New Buildings	39.28
[REDACTED]	Balcones Research Center - Maintenance, Opera- tion and Equipment	33.20*
	Grounds Maintenance	
[REDACTED]	Main Campus - Maintenance, Operation and Equipment	1,428.80*
[REDACTED]	Main Campus - Special Equipment	1,266.45
[REDACTED]	Campus Planning and Landscaping	2,472.73
[REDACTED]	McDonald Observatory - Maintenance, Operation and Equipment	20.72*
[REDACTED]	Texas Memorial Museum - Maintenance, Operation and Equipment	115.29*
	Unallocated Accounts	
[REDACTED]	Teaching Equipment, Research Equipment and Research Collections	6,578.21
[REDACTED]	Unallocated Teaching Equipment	15,022.10
		<u>\$ 134,972.50</u>

Footnote:

* denotes Deduction or Deficit

SPECIAL RESEARCH AND ACADEMIC EXCELLENCE PROGRAM
AUGUST 31, 1971 BALANCES TO BE REAPPROPRIATED TO 1971-1972

1126

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
20-0605-0000	Allotment Account	\$ 45,856.45
	Resident Instruction	
	Arts and Sciences	
20-1844-2010	Government - Departmental Program Development	330.38
20-1895-2100	Interdepartmental Programs - College-Wide Development Program	44,281.00
20-1895-2200	Interdepartmental Programs - Ethnic Studies Program Development Fund	63.99
20-1896-2100	Center for Asian Studies - Latin American Studies Association Academic Development Fund	3,000.00
20-1898-2010	Middle Eastern Studies - Program Development	55.00
20-1898-2900	Middle Eastern Studies - Special Programs, Program Development Fund	195.00
	School of Communications	
20-2498-2100	Interdepartmental Programs - School-Wide Develop- ment Program	716.94
	College of Education	
20-2620-2020	Educational Psychology - Conference on the Black Professor in Higher Education	1,150.94
20-2680-2050	Interdepartmental Programs - College-Wide Develop- ment Program	7,111.26
20-2698-2100	Interdepartmental Programs - Center for History of Education	2,471.25
	College of Fine Arts	
20-3490-2100	Interdepartmental Programs- College-Wide Develop- ment Program	1,823.00
	Organized Research	
20-7450-0120	Research in Slavic Languages - Delos	500.00
20-7463-0100	Center for Economic Development	1,605.86
20-7470-0100	Division of Natural Resources and Environment - Program Development	20,000.00
20-7474-1210	Foreign Language Education Center - Research on Problems of Foreign Language Education	<u>4,487.70</u>
(RBC# 1459)		<u>\$ 133,658.07</u>

RECOMMENDED AMENDMENTS TO 1971-72 BUDGET. Approval is requested for the following changes in the 1971-72 budget. The following amendments to the 1971-72 budget are written on the basis of "budget rates" rather than the "freeze rates" resulting from the President's Executive Order. For the duration of the wage-price freeze, while reported amendments to the budget are based on budget rates, all payrolls are processed in compliance with the rules, regulations, and guidelines issued under authority of the Executive Order.

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.

<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>

GENERAL ADMINISTRATION AND STUDENT SERVICES

Office of the Vice President for Business Affairs

Transfer of Funds

1. Amount of Transfer - \$2,368

To: Office of the Vice President for Business Affairs - Classified Personnel
From: Auxiliary Enterprises Administration - Unallocated

To provide the services of a 1/2 T. Administrative Assistant who will be handling the Auxiliary Enterprises business affairs conducted through this office.
(RBC# 1073)

Office of the Business Manager

Appointment

Budget Analyst

2. Mary A. Guyon 9/1 - 8/31 100 12 \$ 15,500

Sources of Funds:

Transfers from Office of the Business Manager -
Classified Salaries and
Unallocated Salaries

Amend the budget to reflect the appointment of Mrs. Guyon at the budget rate of \$15,500 in lieu of the \$13,200 rate as reflected in the Original 1971-72 Budget for the Office of the Business Manager.
(RBC# 1, 61, 1213)

Resignation

Business Manager

3. G. C. Franklin 9/1 - 8/31 100 12 24,000

Date of Resignation 11/30/71
(RBC# 1157)

<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 ADMINISTRATION AND STUDENT SERVICES (Continued)</u>				
<u>Office of the Business Manager and Office of Accounting</u>				
Change of Status and Salary Increase				
4. Bobby G. Cook				
To: Office of the Business Manager Business Manager	12/1 - 8/31	100	12	\$ 22,000
From: Office of Accounting Director of Accounting	9/1 - 8/31	100	12	<u>20,300</u>
Rate Increase (RBC# 1206, 1207)			<u>12</u>	<u>\$1,700</u>
<u>Office of Accounting</u>				
Change of Status and Salary Increase				
5. James Bedrich				
To: Assistant Director of Accounting	12/1 - 8/31	100	12	14,750
From: Internal Auditor	9/1 - 8/31	100	12	<u>13,200</u>
Rate Increase (RBC# 1264)			<u>12</u>	<u>\$1,550</u>
Change of Status and Salary Increase				
6. James C. Werchan				
To: Director of Accounting	12/1 - 8/31	100	12	18,500
From: Assistant Director of Accounting	9/1 - 8/31	100	12	<u>17,000</u>
Rate Increase (RBC# 1218)			<u>12</u>	<u>\$1,500</u>
<u>Data Processing Division</u>				
Appointment				
Systems Analyst/Programmer II				
7. Howard M. McKinney	9/1 - 8/31	100	12	12,000
Promotion from Computer Programmer II (RBC# 1115)				
<u>Office of the Dean of Students</u>				
Appointment				
Ombudsman				
8. Hector R. DeLeon (RBC# 1083)	10/13 - 5/31	50	12	7,200

Item, Department, Title, Name Period of Appointment % Time

GENERAL ADMINISTRATION
 AND STUDENT SERVICES

Office of the Dean of Students (Continued)

Transfer between Dissimilar
 Appropriations

9. Amount of Transfer - \$8,286

To: Classified Salaries

From: Administrative and Professional Salaries

Reallocation of salary funds within this office to provide the services
 of a Student Development Specialist III for the period 10/20 - 8/31.
 (RBC# 1136)

Counseling-Psychological
 Services Center

Transfer between Dissimilar
 Appropriations

10. Amount of Transfer - \$1,000

To: Consultants

From: Travel

The original budget allocation for Travel included funds for bringing
 consultants to the Center; this transfer is to permit payment of
 consultants for services rendered.
 (RBC# 1084)

Transfer between Dissimilar
 Appropriations

11. Amount of Transfer - \$11,683

To: Classified Salaries

From: Administrative and Professional Salaries

Reallocation of the Center's salary funds to provide for actual
 personnel needs.
 (RBC# 1051)

GENERAL INSTITUTIONAL EXPENSE

Office of Institutional Studies

Transfer between Dissimilar
 Appropriations

12. Amount of Transfer - \$9,700

To: Wages

From: Administrative and Professional Salaries

Reallocation of funds to provide additional part-time clerical help.
 (RBC# 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>GENERAL INSTITUTIONAL EXPENSE (Continued)</u>				
<u>Staff News</u>				
Transfer of Funds				
13. Amount of Transfer - \$1,200				
To: Staff News				
From: Unallocated Maintenance and Operation				
To provide funds needed to continue the publication of <u>Staff News</u> . (RBC# 1226)				
<u>Balcones Research Center</u>				
Employment after Retirement				
Administrative Assistant				
14. Alice M. M. Wilson	9/1 - 8/31	30	12	\$ 5,520
Mrs. Wilson's appointment has been made in accordance with Board of Regents Rules Part I, Chapter III, Section 31 (15) concerning continuation of employment after retirement. (RBC# 944)				
<u>University Film Program</u>				
Transfer of Funds				
15. Amount of Transfer - \$3,073				
To: University Film Program				
From: Unallocated Maintenance and Operation				
To return to the University Film Program an amount equal to the ticket sales for nine pay shows, which funds were deposited to General Budget Income, but are needed now to defray expenses incurred in the presentation of the shows. (RBC# 1201, 1331)				
<u>SCHOOL OF ARCHITECTURE</u>				
Appointment				
Assistant Professor				
16. Terry D. Kahn	9/1 - 5/31	100	9	\$ 12,000
(RBC# 190)				
<u>OFFICE OF THE PROVOST FOR ARTS AND SCIENCES</u>				
Transfer of Funds				
17. Amount of Transfer - \$82,400				
To: Office of the Provost - Special Equipment				
From: Unallocated Special Equipment - \$29,900 Unallocated Teaching Equipment - \$52,500				
Funds will be reallocated by the Office of the Provost to the various Dean's Special Equipment accounts as needed. (RBC# 1018)				

<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>

OFFICE OF THE PROVOST
FOR ARTS AND SCIENCES (Continued)

Transfer of Funds

18. Amount of Transfer - \$80,900

Special Equipment funds transferred to the Office of the Provost for reallocation have been transferred to the various Dean's Offices Special Equipment accounts for reallocation to Departmental Special Equipment accounts as follows:

(1) College of Humanities (RBC# 1019)	\$18,000
(2) College of Social and Behavioral Sciences (RBC# 1020)	12,900
(3) College of Natural Sciences (RBC# 1021)	50,000

COLLEGE OF HUMANITIES

Office of the Dean of Humanities

Transfer of Funds

19. Amount of Transfer - \$17,197

Transfers were made from the Dean's Special Equipment account to the various departmental accounts as follows:

(1) Classics - Special Equipment (RBC# 1145)	\$ 1,276	(5) Spanish and Portuguese - Special Equipment	\$ 340
(2) English - Special Equipment (RBC# 1147)	880	(6) Language Laboratory - Teaching Equipment	12,000
(3) Germanic Languages - Maintenance and Operation (RBC# 1143)	551	(RBC# 1144)	
(4) Oriental and African Languages and Literatures - Special Equipment and Teaching Equipment (RBC# 1172)	2,150		

English

Interdepartmental Transfer

20. Amount of Transfer - \$2,000

To: English - Faculty Salaries

From: Comparative Studies - Faculty Salaries

To provide partial support for the salary of Professor Joseph Kruppa of the English Department who will be teaching a course in Comparative Studies (U.C. 358) during the Spring Semester.
(RBC# 1221)

Interdepartmental Transfer

21. Amount of Transfer - \$800

To: English - Teaching Assistants

From: Ethnic Studies - Faculty Salaries

Funds will be used for partial support of a teaching assistant needed for the Spring Semester.
(RBC# 1235)

<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 HUMANITIES (Continued)</u>				
<u>Classics</u>				
Appointment				
Visiting Professor				
22. Benjamin D. Meritt (RBC# 1097)	1/16 - 5/31	50	9	\$ 20,000
Assistant Instructor				
23. Douglas A. Little (RBC# 1159, 195)	9/1 - 5/31	100	9	8,000
<u>Germanic Languages</u>				
Reappointment				
Instructor				
24. Nils Bredal	1/16 - 5/31	33	9	9,000
Previous appointment was at the same rate. (RBC# 1259)				
Instructor				
25. Elli J. Marlow	1/16 - 5/31	33	9	9,000
Previous appointment was at the same rate. (RBC# 1255)				
<u>Oriental and African Languages and Literatures</u>				
Appointment				
Assistant Professor				
26. Yehuda Shamir	9/1 - 5/31	100	9	10,800
Amend the 1971-72 original budget to reflect the appointment of Mr. Shamir at the budget rate of \$10,800 in lieu of the freeze rate of \$10,000 as shown in the budget of the Department of Oriental and African Languages and Literatures. (RBC# 1323)				
Interdepartmental Transfer				
27. Amount of Transfer - \$1,375				
To: Oriental and African Languages and Literatures - Teaching Assistants				
From: Center for Asian Studies - Faculty Salaries				
Funds available due to a leave of absence of a member of the Center's faculty were used to provide a teaching assistant needed due to large enrollment in Hindi introductory courses. (RBC# 1290)				
Interdepartmental Transfer				
28. Amount of Transfer - \$1,700				
To: Oriental and African Languages and Literatures - Teaching Assistants				
From: Classics - Faculty Salaries				
Reallocation of teaching salaries funds within the College of Humanities to provide teaching assistants funds needed for the Spring Semester. (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 HUMANITIES (Continued)</u>				
<u>Oriental and African Languages and Literatures and Center for Asian Studies</u>				
Resignation				
Assistant Professor				
27. Leon L. Gladecki				
Oriental and African Languages and Literatures	9/1 - 5/31	35	9	\$ 10,500
Center for Asian Studies - Office of Education Contract Funds	9/1 - 5/31	65	9	10,500
Date of Resignation (RBC# 1095, 531)	8/31/71			
<u>Slavic Languages</u>				
Appointment				
Assistant Professor (1971-72 Only)				
30. Zoreslava K. Kaulbach	9/1 - 5/31	100	9	11,000
Sources of Funds:				
Departmental Faculty Salaries and transfer from the Provost's Reserve (RBC# 159, 59)				
Interdepartmental Transfer				
31. Amount of Transfer - \$2,250				
To: Slavic Languages - Teaching Assistants				
From: Classics - Faculty Salaries				
To provide salary support for teaching assistants needed by the Department of Slavic Languages for the Spring Semester. (RBC# 1237)				
<u>Spanish and Portuguese</u>				
Change of Status				
Assistant Professor (1971-72 Only)				
32. Yolanda A. R. Sole				
To:	9/1 - 5/31	67	9	10,000
From:	9/1 - 5/31	50	9	10,000
(RBC# 1210)				
<u>COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES</u>				
<u>Office of the Dean of Social and Behavioral Sciences</u>				
Appointment				
Assistant Dean				
33. Patricia A. S. Kruppa	9/1 - 8/31	50	9	12,000
Concurrent Employment:				
History				
Assistant Professor	9/1 - 1/15	LWOP	---	---
	1/16 - 5/31	50	9	12,000
(RBC# 806, 952, 933, 932, 941)				

<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 SOCIAL AND BEHAVIORAL SCIENCES
Office of the Dean of Social and Behavioral Sciences (Continued)

Transfer of Funds

34. Amount of Transfer - \$12,900

Funds previously transferred to the Dean's Teaching and Special Equipment Account from the Institutional Unallocated Teaching and Special Equipment were reallocated to the various departmental Teaching and Special Equipment accounts as follows:

(1) Anthropology (RBC# 1179)	\$ 529	(5) History (RBC# 1185)	\$1,650
(2) Economics (RBC# 1182)	518	(6) Psychology (RBC# 1186A)	1,070
(3) Geography (RBC# 1181)	1,250	(7) Sociology (RBC# 1187, 1186)	6,478
(4) Government (RBC# 1180)	1,405		

Government

Appointment

Visiting Professor

35. Alan J. Ryan
(RBC# 1261) 1/16 - 5/31 100 9 \$ 22,000

Visiting Professor

36. Marshall E. Dimock
(RBC# 1272) 1/16 - 5/31 100 9 30,000

Professor

37. Oran R. Young
(RBC# 1262) 1/16 - 5/31 100 9 23,000

Instructor

38. Bruce Buchanan, II
(RBC# 1260) 1/16 - 5/31 100 9 11,700

Assistant Instructor

39. Walter L. Weisberg
(RBC# 1152) 10/1 - 1/15 50 9 8,000

Transfer of Funds

40. Amount of Transfer - \$1,488

To: Government - Maintenance and Operation

From: Unallocated Maintenance and Operation

To reimburse the Government Department's maintenance and operation account for expenses incurred in the presentation of Gov. 301K, for which students registered pay a supplemental fee.
(RBC# 1183)

Full-time Salary

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>No. Mos.</u>	<u>Rate</u>
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COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES (Continued)

History

Appointment

Visiting Associate Professor

41. James V. Reese (RBC# 1302)	1/16 - 5/31	100	9	\$ 14,000
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Sociology

Appointment

Visiting Professor

42. Michael Postan (RBC# 1273)	1/16 - 5/31	100	9	30,000
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Reappointment

Assistant Instructor

43. Robert E. Welch, Jr.	1/16 - 5/31	100	9	8,000
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Previous appointment was at the same rate.
(RBC# 1263)

COLLEGE OF NATURAL SCIENCES

Office of the Dean of Natural Sciences

Transfer of Funds

44. Amount of Transfer - \$50,000

Transfers were made from the Dean's Special Equipment account to the various departmental Special Equipment Accounts as follows:

(1) Astronomy (RBC# 1069)	\$7,300	(6) Home Economics (RBC# 1061)	\$6,740
(2) Botany (RBC# 1131)	1,100	(7) Microbiology (RBC# 1134)	8,400
(3) Chemistry (RBC# 1072)	7,000	(8) Physical Instruction (RBC# 1133)	4,000
(4) Computer Sciences (RBC# 1090)	1,500	(9) Zoology (RBC# 1065)	7,415
(5) Geological Sciences (RBC# 1135)	6,545		

Computer Sciences and Computation Center

Appointment

45. Andrew S. Noetzel

Computer Sciences:

Assistant Professor	9/1 - 5/31	70	9	13,500
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Computation Center:

Research Scientist (Faculty)	9/1 - 5/31	30	9	13,500
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Source of Funds:

Computation Center Revolving Funds
(RBC# 429, 518)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u> 4136	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF NATURAL SCIENCES (Continued)</u>				
<u>Computer Sciences and Center for Numerical Analysis</u>				
Appointment				
46. Jo Ann S. Howell				
Computer Sciences:				
Assistant Professor (1971-72 Only)	9/1 - 5/31	25	9	\$ 12,000
Center for Numerical Analysis:				
Research Scientist (Faculty)	9/1 - 12/31	75	9	12,000
Sources of Funds:				
General Budget Funds - 37.5% - via transfer from departmental classified salaries				
U.S. Air Force Contract Funds - 22.5%				
U.S. Army Contract Funds - 15% (RBC# 334, 515, 505, 669, 547)				
<u>Geological Sciences</u>				
Transfer of Funds				
47. Amount of Transfer - \$4,000				
To: Geological Sciences - Visiting Lecturers (\$2,000)				
From: Unallocated Visiting Lecturers (\$2,000)				
To: Unallocated Faculty Salaries (\$2,000)				
From: Geological Sciences - Faculty Salaries (\$2,000)				
To transfer to the appropriate account funds to pay Dr. Gabriel Dengo who, as a visiting lecturer, presented a ten-day seminar for this Department. (RBC# 1077)				
<u>Mathematics</u>				
Appointment				
Visiting Professor				
48. Edwin Hewitt (RBC# 1311)	1/16 - 5/31	100	9	23,400
Visiting Professor				
49. Richard S. Varga (RBC# 1312)	3/1 - 3/31	100	9	20,700
Reappointment				
Assistant Instructor				
50. John M. Camden	1/16 - 5/31	50	9	8,000
Previous appointment was at the same rate. (RBC# 1190)				
Assistant Instructor				
51. Kenneth F. Gregory	1/16 - 5/31	50	9	8,000
Previous appointment was at the same rate. (RBC# 1189)				

<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>Mathematics (Continued)</u>				
Reappointment				
Assistant Instructor				
52. Jimmy C. Lewis	1/16 - 5/31	25	9	\$ 8,000
Previous appointment was at the same rate. (RBC# 1191)				
Assistant Instructor				
53 David O. Nilsson	1/16 - 5/31	50	9	8,000
Previous appointment was at the same rate. (RBC# 1192)				
Assistant Instructor				
54. Ernest S. Pyle, Jr.	1/16 - 5/31	50	9	8,000
Previous appointment was at the same rate. (RBC# 1193)				
<u>Microbiology</u>				
Appointment				
Instructor				
55. Melvin N. Guentzel (RBC# 1310)	1/16 - 5/31	100	9	9,000
Transfer of Funds				
56. Amount of Transfer - \$13,000				
To: Microbiology - Administrative and Professional Salaries				
From: Unallocated Classified Salaries				
Funds are to support the Special Faculty Assignment of Professor Orville Wyss for the Fall Semester. Dr. Wyss was originally budgeted to be full-time teaching in the Microbiology Department for this period. (RBC# 568)				
<u>Physical Instruction</u>				
Resignation				
Assistant Professor				
57. James N. Mowry	9/1 - 5/31	100	9	11,000
Date of Resignation (RBC# 1315)				
<u>Physics</u>				
Appointment				
Professor				
58. George B. Thurston	9/1 - 5/31	---	9	19,800
Concurrent Employment:				
Mechanical Engineering				
Professor	9/1 - 5/31	100	9	19,800
(RBC# 893)				

<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>Physics (Continued)</u>				
Appointment				
Instructor (1971-72 Only)			Academic	
59. Dan S. Ward	9/1 - 1/15	50	<u>Rate</u>	<u>Stipend</u>
(RBC# 546)			\$ 9,000	\$ 2,000
Instructor (1971-72 Only)			Academic	
60. Narayanan S. Menon	9/1 - 1/15	50	<u>Rate</u>	<u>Stipend</u>
(RBC# 545)			\$ 9,000	\$ 2,000
<u>Zoology</u>				
Appointment				
Lecturer				
61. Walter K. Long	1/16 - 5/31	100	9	\$ 19,000
(RBC# 1309)				
Instructor (1971-72 Only)				
62. Comer O. Patterson	9/1 - 5/31	100	9	9,000
(RBC# 207)				
Leave of Absence				
Professor				
63. Crodowaldo Pavan	9/1 - 5/31	100	9	30,500
Term of Leave	1/16 - 5/31			
(RBC# 1314)				
Remove from Budget				
Professor				
64. Ken-ichi Kojima	9/1 - 1/15	100	9	25,000
	1/16 - 5/31	LWOP		
Deceased	11/14/71			
(RBC# 1274, 959)				
<u>DIVISION OF GENERAL AND COMPARATIVE STUDIES</u>				
<u>Comparative Studies and Pharmacy</u>				
Appointment				
Assistant Instructor				
65. Charles W. Bode, Jr.				
Comparative Studies	9/1 - 5/31	20	9	10,000
Pharmacy	9/1 - 5/31	80	9	10,000
(RBC# 359, 296)				

<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)

Language and Area Center for Latin American Studies

Transfer of Funds

66. Amount of Transfer - \$1,357.02

To: Language and Area Center for Latin American Studies - Maintenance and Operation (\$678.51)

From: Unallocated Maintenance and Operation (\$678.51)

To: Unallocated Faculty Salaries (\$678.51)

From: Language and Area Center for Latin American Studies - Teaching Assistants (\$678.51)

Funds available in the Center's Teaching Assistants account were needed for operational expenses.

(RBC# 1332)

COLLEGE OF BUSINESS ADMINISTRATION

General Business

Appointment

Instructor

67. John M. Penrose, Jr. 1/16 - 5/31 67 9 \$ 9,000
(RBC# 1188)

Resignation

Instructor

68. Marie P. Moreland 9/1 - 5/31 100 9 9,200
Date of Resignation 1/15/72
(RBC# 1195)

Assistant Instructor

69. Judith A. M. Dyl 9/1 - 5/31 50 9 8,000
Date of Resignation 12/31/71
(RBC# 1154)

Management

Appointment

Visiting Professor

70. Richard W. Miller 9/1 - 5/31 33 9 18,000

Concurrent Employment:

Language and Area Center
for Latin American Studies
Visiting Professor
(RBC# 317)

9/1 - 5/31 67 9 18,000

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u> ¹¹⁴⁰	
			<u>No. Mos.</u>	<u>Rate</u>

SCHOOL OF COMMUNICATION

Office of the Dean

Transfer of Funds

71. Amount of Transfer - \$10,000

Transfers were made from the Dean's Special Equipment Account to the various Special Equipment accounts as follows:

- (1) Department of Journalism (RBC# 1141) \$1,800
- (2) Department of Radio-Television-Film (RBC# 1140) 1,600
- (3) Department of Speech (RBC# 1139) 6,100
- (4) Center for Communication Research (RBC# 1142) 500

Speech

Appointment

Instructor

72. Marjorie D. Parker (RBC# 764) 9/1 - 5/31 LWOP --- \$ ---

Transfer of Funds

73. Amount of Transfer - \$2,500

To: Speech - Faculty Salaries
From: Unallocated Faculty Salaries

Funds were used to upgrade an unfilled Instructor position to the level of Assistant Professor. (RBC# 1167)

COLLEGE OF EDUCATION

Curriculum and Instruction

Appointment

Assistant Professor

74. Ruth E. H. Wagener 9/1 - 5/31 100 9 \$ 10,000

Mrs. Wagener is the wife of Dr. James W. Wagener, Assistant Vice Chancellor for Academic Programs - U. T. System Administration. (RBC# 153)

Instructor

75. Sarah H. Phillips (RBC# 263) 9/1 - 5/31 50 Academic Rate \$ 9,000 Stipend \$ 4,000

<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>

COLLEGE OF EDUCATIONCurriculum and Instruction (Continued)

Transfer of Funds

76. Amount of Transfer - \$5,917

To: Curriculum and Instruction - Faculty Salaries (\$2,317)
 Curriculum and Instruction - Teaching Assistants (\$3,600)

From: Dean's Reserve for Faculty Salaries

The needs of this department required that the time assignment of Associate Professor Mark W. Seng be increased from 50% to 83% and that additional funds be provided for a Teaching Assistant to staff Spring course offerings.

(RBC# 1286, 1289)

Interdepartmental Transfer

77. Amount of Transfer - \$1,200

To: Curriculum and Instruction - Teaching Assistants

From: Ethnic Studies - Teaching Assistants

To provide partial support of the salary of a Teaching Assistant needed for a section of Ed. C. 332S.

(RBC# 1184)

Educational Administration

Appointment

Associate Professor

78. James P. Duncan 9/1 - 5/31 17 9 \$ 16,125

Source of Funds:

Transfer from Unallocated
 Faculty Salaries

Concurrent Employment:

Office of the Dean of Students
 Dean of Students 9/1 - 5/31 83 12 21,500
 6/1 - 8/31 100

(RBC# 1228, 1202)

Assistant Professor

79. Ronald Brown 9/1 - 5/31 --- --- ---

Concurrent Employment:

Office of the Vice President
 for Student Affairs
 Vice President for
 Student Affairs 9/1 - 8/31 100 12 27,000

(RBC# 1230)

Educational Psychology

Appointment

Lecturer

80. Arthur J. Brownell 1/16 - 5/31 33 9 11,250

Concurrent Employment:

Counseling-Psychological
 Services Center
 Psychologist IV 1/16 - 5/31 67 12 15,000

(RBC# 1267)

<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</u>				
<u>Educational Psychology (Continued)</u>				
Change of Status				
Assistant Professor				
81. June Gallessich				
To:	9/1 - 5/31	50	9	\$ 11,850
From:	9/1 - 5/31	50	9	11,700
To conform Dr. Gallessich's 9-months rate to her 12-months rate.				
Source of Funds:				
Transfer from the Dean's Reserve.				
Concurrent Employment:				
Housing and Food Service - Auxiliary Enterprises Funds				
Counseling Coordinator	9/1 - 8/31	50	12	15,800
(RBC# 1322, 957, 740, 1243)				
<u>Educational Psychology and Hogg Foundation for Mental Health</u>				
Appointment				
Assistant Professor				
82. Jon D. Swartz				
Educational Psychology	9/1 - 5/31	17	9	12,450
Hogg Foundation for Mental Health - USPHS Contract Funds	9/1 - 5/31	83	9	12,450
(RBC# 564, 289)				
<u>Special Education</u>				
Change of Status				
Professor and Chairman				
83 Jasper Harvey				
To:	9/1 - 1/15	67	9	20,750
	1/16 - 5/31	100	9	20,750
From:	9/1 - 5/31	67	9	20,750
Concurrent Employment:				
Special Education				
Project Director	9/1 - 1/15	33	9	20,750
(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>

1143

COLLEGE OF ENGINEERING

Aerospace Engineering and Engineering Mechanics

Transfer of Funds

84. Amount of Transfer - \$6,000

To: Aerospace Engineering and Engineering Mechanics - Faculty Salaries
 From: Chemical Engineering - Faculty Salaries (\$1,100)
 Civil Engineering - Faculty Salaries (\$1,533)
 Civil Engineering - Architectural Engineering Division - Faculty Salaries (\$2,373)
 Dean's Reserve for Faculty Salaries (\$994)

To provide the additional Faculty Salaries funds needed by the Department of Aerospace Engineering and Engineering Mechanics for the Spring Semester.
 (RBC# 1242, 1240, 1241, 1239)

Aerospace Engineering and Engineering Mechanics - Engineering Mechanics Division

Transfer of Funds

85. Amount of Transfer - \$304

To: Aerospace Engineering and Engineering Mechanics - Engineering Mechanics Division - Teaching Assistants (\$152)
 From: Unallocated Faculty Salaries (\$152)
 To: Unallocated Classified Salaries (\$152)
 From: Aerospace Engineering and Engineering Mechanics - Engineering Mechanics Division - Wages (\$152)

Funds available in the Division's Wages account were needed for Teaching Assistants for the Spring Semester.
 (RBC# 1329)

Chemical Engineering

Appointment

Assistant Professor

86. Robert P. Popovich 1/16 - 5/31 100 9 \$ 13,000
 (RBC# 1233)

Resignation

Assistant Professor

87. William B. Todd 9/1 - 5/31 100 9 10,000
 Date of Resignation 1/15/72
 (RBC# 1116)

<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 ENGINEERING

Chemical Engineering (Continued)

Interdepartmental Transfer

88. Amount of Transfer - \$19,200

To: Chemical Engineering - Faculty Salaries

From: Aerospace Engineering and Engineering Mechanics - Faculty Salaries

Reallocation of Faculty Salaries funds within the College of Engineering to provide the additional support needed for a change from 20% to 100% funding by this department of the salary of Professor Joel Hougen.

(RBC# 1091)

Civil Engineering

Appointment

Associate Professor

89. James O. Jirsa (RBC# 1256)	1/16 - 5/31	100	9	\$ 15,500
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Lecturer

90 Davis L. Ford (RBC# 1257)	1/16 - 5/31	33	9	13,000
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Change of Status

Professor

91. A. Anthony Toprac				
To:	1/16 - 5/31	100	9	18,500
From:	1/16 - 5/31	85	9	18,500
(RBC# 1197)				

Interdepartmental Transfer

92. Amount of Transfer - \$8,675

To: Civil Engineering - Faculty Salaries (\$6,675)
Civil Engineering - Teaching Assistants (\$2,000)

From: Civil Engineering - Architectural Engineering Division - Faculty Salaries

Reallocation of Teaching Salaries funds within the College of Engineering to provide support where needed.

(RBC# 1168, 1169, 1238)

Civil Engineering - Architectural Engineering Division

Appointment

93. Douglas D. Reynolds				
Research Engineer (Faculty) - U.S. Department of Housing and Urban Development funds	11/1 - 1/15	100	9	12,500
Assistant Professor (RBC# 1295, 1307)	1/16 - 5/31	100	9	12,500

<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 ENGINEERING (Continued)

1145

Civil Engineering - Architectural Engineering Division and Center for Building Research

Appointment

94. Clayford T. Grimm

Civil Engineering - Architectural Engineering Division
Lecturer

9/1 - 5/31 33 9 \$ 16,200

Center for Building Research - U.S. Department of Housing and Urban Development Funds
Associate Director
(RBC# 1320, 1321, 971, 778)

9/1 - 5/31 67 9 16,200

Civil Engineering and Center for Highway Research

Appointment

95. Mohammad R. S. Abdelraouf

Civil Engineering
Instructor

9/1 - 1/15 67 9 10,000

Center for Highway Research - Government Contract Funds
Research Engineer (Faculty)
(RBC# 1155, 410)

9/1 - 12/31 33 9 10,000

Electrical Engineering

Reappointment

Assistant Professor

96. William R. Adrion

1/16 - 5/31 100 9 10,000

Previous appointment was at the same rate.
(RBC# 1199)

Interdepartmental Transfer

97. Amount of Transfer - \$3,335

To: Electrical Engineering - Faculty Salaries (\$2,017)
- Teaching Assistants (\$1,318)

From: Mechanical Engineering - Faculty Salaries

Funds available due to faculty personnel changes in the Mechanical Engineering Department were needed to support teaching personnel required to staff Electrical Engineering courses offered during the Fall Semester.
(RBC# 1138, 1137)

Mechanical Engineering

Reappointment

Instructor

98. Cliff M. Collins

1/16 - 5/31 50 9 9,000

Previous appointment was at the same rate.
(RBC# 1258)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u> 1146	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF ENGINEERING (Continued)</u>				
<u>Mechanical Engineering - Nuclear Reactor Teaching Laboratory</u>				
Transfer between Dissimilar Appropriations				
99. Amount of Transfer - \$234				
To: Computer Rental and Purchased Services				
From: Maintenance and Operation				
To establish an account from which the Lab's computer expenses may be paid. (RBC# 1225)				
<u>COLLEGE OF FINE ARTS</u>				
<u>Office of the Dean</u>				
Transfer of Funds				
100. Amount of Transfer - \$1,000				
To: Office of the Dean - Visiting Lecturers				
From: Unallocated Visiting Lecturers				
To provide stipends for four consultants during the academic year. (RBC# 1132)				
Transfer between Dissimilar Appropriations				
101. Amount of Transfer - \$300				
To: Clerical Assistants				
From: Maintenance and Operation				
Reallocation of funds within the Dean's Office to provide for actual needs. (RBC# 1063)				
<u>Office of the Dean - Student Opera Production</u>				
Transfer of Funds				
102. Amount of Transfer - \$2,123				
To: Student Opera Productions - Maintenance and Operation				
From: Unallocated Maintenance and Operation				
Fees collected from the opera workshop were deposited to General Budget Income, but are needed now in the Maintenance and Operation account of Student Opera Productions to defray expenses incurred by the workshop. (RBC# 1150)				
<u>Art</u>				
Appointment Lecturer			Academic Rate	Stipend
103. Prescott H. Williams, Jr. (RBC# 1271)	1/16 - 5/31	25	\$ 9,000	\$ 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>COLLEGE OF FINE ARTS</u>				
Art (Continued)				
Reappointment				
Instructor				
104. Susan M. Mayer	1/16 - 5/31	33	9	\$ 9,000
Previous appointment was at the same rate. (RBC# 1268)				
Instructor				
105. Karen K. Gould	1/16 - 5/31	33	9	9,000
Previous appointment was at the same rate. (RBC# 1269)				
Salary Increase and				
Change of Status				
106. James Phillips				
To: Assistant Instructor	9/1 - 1/15	67	9	8,000
Instructor	1/16 - 5/31	67	9	9,000
From: Assistant Instructor	9/1 - 5/31	67	9	<u>8,000</u>
Rate Increase			<u>9</u>	<u>1,000</u>
(RBC# 1252)				
Change of Status				
107. Doris Hutton	9/1 - 5/31	100	9	9,000
Change Title Only:				
To: Instructor				
From: Assistant Instructor				
To amend the 1971-72 Budget to reflect title established 7/16/71. (RBC# 308)				
<u>Art Teaching Gallery</u>				
Reappointment				
Art Curator - Chief Curator				
108. Urban Neininger	11/1 - 12/31	100	12	18,000
Previous appointment was at the same rate. (RBC# 1198)				
Transfer between Dissimilar Appropriations				
109. Amount of Transfer - \$5,631				
To: Wages				
From: Administrative and Professional Salaries				
Reallocation of the Gallery's salary funds to provide for the services of a Technical Staff Assistant IV needed to design exhibitions. (RBC# 1285)				

<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 FINE ARTS (Continued)</u>				
<u>Drama</u>				
Appointment				
Assistant Professor (Spring 1972 Only)				
110. Joyce Elliott (RBC# 1308)	1/16 - 5/31	100	9	\$ 10,000
Lecturer				
111. Diane G. Viera (RBC# 1153)	10/1 - 10/31	100	9	12,600
Leave of Absence				
Assistant Professor				
112. Laird Williamson	9/1 - 5/31	100	9	11,000
Term of Leave (RBC# 1194)	1/16 - 5/31			
Transfer of Funds				
113. Amount of Transfer - \$8,502				
To: Drama - Faculty Salaries				
From: Unallocated Faculty Salaries				
Faculty personnel changes in this department required that these additional funds be provided to staff Spring course offerings. (RBC# 1292)				
<u>Music</u>				
Change of Status				
Assistant Instructor				
114. Thomas H. Wells				
To:	9/1 - 5/31	75	9	8,000
From:	9/1 - 5/31	50	9	8,000
(RBC# 1209)				
Transfer between Dissimilar Appropriations				
115. Amount of Transfer - \$1,050				
To: Visiting Lecturers				
From: Wages				
Reallocation of departmental funds to bring visiting lecturers to the U. T. Austin campus for piano seminars. (RBC# 1064)				
<u>SCHOOL OF LAW</u>				
Appointment				
Professor				
116. Robert E. Mathews (RBC# 1270)	1/16 - 5/31	33	9	30,000

<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 LAW (Continued)</u>				
Leave of Absence				
Professor				
117. W. W. Gibson	9/1 - 5/31	100	9	\$ 25,000
Term of Leave (RBC# 1231)	1/16 - 5/31			

School of Law and School of Law -
Legal Aid Clinic

Appointment

118. John Scanlan				
School of Law				
Lecturer	9/1 - 5/31	50	9	14,000
Legal Aid Clinic				
Legal Aid Director	9/1 - 8/31	50	12	14,000
Promotion from Associate Director - Legal Aid Clinic (RBC# 420, 421, 513)				

School of Law - Legal Aid and
Defender Society of Travis County

Transfer of Funds

119. Amount of Transfer - \$12,761

To: Legal Aid and Defender Society of Travis County - Wages

From: Legal Aid Clinic - Classified Personnel (\$4,011)

Legal Aid Clinic - Administrative and Professional Salaries (\$8,750)

This transfer is necessary due to the merger of the Legal Aid Clinic with the Legal Aid and Defender Society of Travis County.
(RBC# 1224, 1223)

GRADUATE SCHOOL OF LIBRARY SCIENCE

Appointment

Professor

120. Eugene B. Jackson	9/1 - 5/31	100	9	20,000
(RBC# 511)				

COLLEGE OF PHARMACY

Transfer between Dissimilar

Appropriations

121. Amount of Transfer - \$12,000

To: Wages

From: Administrative and Professional Salaries

Reallocation of the College's salary funds to provide for Assistants for the Spring Semester and for the wages of an animal caretaker for the holidays.
(RBC# 1288)

<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>MILITARY SCIENCE</u>				
Resignation				
Assistant Professor				
122. Stanley L. Leishner	9/1 - 5/31	100		Salary paid by U.S. Army
Date of Resignation (RBC# 1253)	11/30/71			

UNALLOCATED TEACHING EQUIPMENT

Transfer of Funds

123. Amount of Transfer - \$76,500

Transfers were made from the Institutional Unallocated Teaching Equipment account to the various Dean's and Director's Offices Special Equipment accounts as follows:

(1) School of Architecture (RBC# 1027)	\$ 1,200
(2) College of Business Administration (RBC# 1022)	7,900
(3) School of Communication (RBC# 1009)	9,500
(4) College of Education (RBC# 1023)	8,100
(5) College of Engineering (RBC# 1024)	20,000
(6) College of Fine Arts (RBC# 1025)	15,000
(7) School of Law (RBC# 1028)	800
(8) Graduate School of Library Science (RBC# 1029)	4,000
(9) Communication Center (RBC# 1012)	5,000
(10) Marine Science Institute at Port Aransas (RBC# 1015)	5,000

<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>

UNALLOCATED SPECIAL EQUIPMENT

Transfer of Funds

124. Amount of Transfer - \$63,900

Transfers were made from Unallocated Special Equipment to the various Dean's and Director's Offices Special Equipment accounts as follows:

(1) School of Architecture (RBC# 1027)			\$	300
(2) College of Business Administration (RBC# 1022)				1,600
(3) School of Communication (RBC# 1009)				500
(4) College of Education (RBC# 1023)				6,500
(5) College of Engineering (RBC# 1024)				15,000
(6) College of Fine Arts (RBC# 1025)				4,000
(7) College of Pharmacy (RBC# 1026)				1,000
(8) Communication Center (RBC# 1012)				5,000
(9) LBJ School of Public Affairs (RBC# 1017)				1,000
(10) Anthropological Laboratories (RBC# 1016)				3,000
(11) Center for Nuclear Studies (RBC# 1014)				4,000
(12) Bureau of Business Research (RBC# 1010)				5,000
(13) Computation Center (RBC# 1011)				5,000
(14) Bureau of Economic Geology (RBC# 1013)				7,000
(15) Marine Science Institute at Port Aransas (RBC# 1015)				5,000

LIBRARYLaw Library and School of Law

Resignation and Change of Status

125. Helen Hargrave

Resignation:

Law Library

Librarian

9/1 - 8/31

50

12

\$ 9,664

Date of Resignation

8/31/71

Change of Status:

School of Law

To: Professor Emeritus

9/1 - 5/31

From: Associate Professor

9/1 - 5/31

(RBC# 955, 1330)

<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 RESEARCH

Division of Natural Resources and Environment - Bureau of Economic Geology

Transfer of Funds

126. Amount of Transfer - \$25,412

To: Bureau of Economic Geology - Assistants (\$19,612)
 - Travel (\$5,800)

From: Bureau of Economic Geology - Administrative and Professional Salaries (\$8,000)
 Bureau of Economic Geology - Classified Personnel (\$9,612)
 Division of Natural Resources and Environment - Classified Personnel (\$7,800)

To provide for expenses anticipated in connection with a conference on the Texas Coastal Zone to be sponsored by the Division of Natural Resources and Environment and the Bureau of Economic Geology, and to provide part-time research assistants and cartographic technicians for research projects in process.
 (RBC# 1062, 1162)

Transfer between Dissimilar Appropriations

127. Amount of Transfer - \$15,400

To: Classified Personnel

From: Administrative and Professional Salaries

Reallocation of the Bureau's salary funds to support the appointment of a Research Engineer Associate V for the period 10/1 - 8/31.
 (RBC# 1007)

Institute of Latin American Studies

Appointment

Graduate Advisor

128. Harley L. Browning	6/1 - 8/31	50	9	\$ 16,600
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Academic Status:
 Professor
 (Sociology)
 (RBC# 1204)

Research in Texas History

Transfer between Dissimilar Appropriations

129. Amount of Transfer - \$3,833

To: Classified Salaries

From: Administrative and Professional Salaries

To provide this office with the temporary services of two Research Associates needed for the completion of the supplementary edition of the Handbook of Texas.
 (RBC# 1217)

<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>University Research Institute and Classics</u>				
Appointment and Change of Status				
Professor				
130. Oscar W. Reinmuth				
Appointment:				
University Research Institute				
Faculty Research Assignment	9/1 - 5/31	55	9	\$ 17,300
Change of Status:				
Classic				
To:	9/1 - 5/31	LWOP	---	---
From:	9/1 - 5/31	50	9	17,300
(RBC# 887, 649)				
 <u>EXTENSION TEACHING AND FIELD SERVICE BUREAU</u>				
Appointment				
Instructor				
131. Linda F. W. Bayley	10/1 - 8/31	100	12	7,200
(RBC# 1081)				
Instructor				
132. Addie L. P. Crayton	11/22 - 8/31	100	12	8,160
(RBC# 1298)				
Instructor				
133. John P. Davidson	10/29 - 8/31	35	12	7,200
(RBC# 1151)				
Instructor				
134. Leland M. Mackey	11/8 - 8/31	35	12	7,200
Mr. Mackey was employed by the Bureau for the period 10/19 - 11/7 on an hourly basis.				
(RBC# 1205)				
Instructor				
135. Raphael C. Smith	10/11 - 8/31	100	12	8,500
(RBC# 1082)				
Assistant Instructor				
136. Sterlin C. Moore	9/1 - 8/31	75	12	8,000
(RBC# 1160)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u> 1154	
			<u>No. Mos.</u>	<u>Rate</u>

PHYSICAL PLANT

Balcones Research Center

Interdepartmental Transfer

137. Amount of Transfer - \$546

To: Administration - Wages

From: Grounds Maintenance - Wages

Reallocation of funds to provide for personnel currently employed on a part-time basis.

(RBC# 1282)

Utilities - Communications and Projections

Transfer between Dissimilar Appropriations

138. Amount of Transfer - \$6,000

To: Wages

From: Maintenance and Operation

To provide for past and anticipated future wages expenses.

(RBC# 1281)

<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>SERVICE DEPARTMENTS FUNDS</u>				
<u>AND REVOLVING FUNDS</u>				

Drama

Transfer of Funds

139. Amount of Transfer - \$500

To: Drama Laboratory Theatre Scholarships

From: Drama Laboratory Theatre

To provide student scholarships for the Spring Semester.
(RBC# 1277)ACADEMIC DEVELOPMENT PROGRAMOffice of the Provost for Arts and Sciences

Transfer of Funds

140. Amount of Transfer - \$5,400

Transfers were made from the Provost's Academic Development Fund to the various departmental Academic Development Funds as follows:

(1) Physics (RBC# 1219)	\$ 1,200
(2) Asian Studies Symposium (RBC# 1178)	2,200
(3) European Studies (RBC# 1170)	2,000

Office of the Dean, College of Humanities

Transfer of Funds

141. Amount of Transfer - \$195

The following transfer was made from the Dean's Academic Development Fund:

Department of Oriental and African Languages and Literatures - Academic
Development Fund - \$195
(RBC# 1177)French and Italian

Transfer of Funds

142. Amount of Transfer - \$500

To: French-Italian Play Production

From: French-Italian Development Fund
(RBC# 1220)Office of the Dean, College of Social and Behavioral Sciences

Transfer of Funds

143. Amount of Transfer - \$3,960

Transfers were made from the Dean's Academic Development Fund to the various departmental Academic Development Funds as follows:

(1) Anthropology (RBC# 1108)	\$1,000	(4) Linguistics (RBC# 1110)	500
(2) Geography (RBC# 1107)	760	(5) Sociology (RBC# 1109)	200
(3) Government (RBC# 1106)	1,500		

<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>

ACADEMIC DEVELOPMENT PROGRAM (Continued)Office of the Dean,
College of Natural Sciences

Transfer of Funds

144. Amount of Transfer - \$18,555

Transfers were made from the Dean's Academic Development Fund to the various departmental Academic Development Funds as follows:

(1) Biological Sciences (RBC# 1126)	\$1,550	(4)	Geological Sciences (RBC# 1128)	3,705
(2) Botany (RBC# 1125)	3,800	(5)	Microbiology (RBC# 1127)	4,000
(3) Computer Sciences (RBC# 1111)	1,500	(6)	Physics (RBC# 1175)	4,000

Office of the Dean,
College of Education

Transfer of Funds

145. Amount of Transfer - \$1,000

The following transfer was made from the Dean's College-wide Development Fund:

Center for the Improvement of Intergroup Relations - \$1,000
(RBC# 1173)

Academic Development Fund
Allotment Account

Transfer of Funds

146. Amount of Transfer - \$5,243

Transfers were made from the Academic Development Fund Allotment account as follows:

(1) Department of Computer Sciences Academic Developmental Program (RBC# 1244)				\$ 1,243
(2) School of Communication - Academic Developmental Program (RBC# 1280)				2,000
(3) Center for Improvement of Intergroup Relations - Conference on Black Professionals in Higher Education (RBC# 1184B)				2,000

SPONSORED PROJECTSMicrobiology

Appointment

Associate Professor

147. James R. Walker 9/1 - 5/31 100 9 \$ 17,000

Source of Funds:

USPHS Career Development
Award

Amend the budget to reflect the appointment of Dr. Walker at the budget rate of \$17,000 in lieu of the rate of \$14,500 as reported in the Original 1971-72 Budget of the Department of Microbiology.
(RBC# 743)

<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>Zoology</u>				
Reappointment				
Research Scientist				
148. Jeanne M. Lagowski	11/1 - 4/30	50	12	\$ 17,676
Source of Funds: USPHS Contract				
Previous appointment was at the same rate. (RBC# 1266)				
<u>General Business</u>				
Appointment				
Social Science Research Associate II				
149. Arlene D. Duncan	9/1 - 12/31	50	12	7,440
Source of Funds: CBA Foundation - (Current Restricted Funds)				
Promotion from Clerk-Typist. (RBC# 551)				
<u>Curriculum and Instruction</u>				
Appointment				
Assistant Professor				
150. Charles R. Williams	9/1 - 5/31	33	9	13,500
Source of Funds: Office of Education - Teacher Corps Program Contract				
Concurrent Employment: Curriculum and Instruction - General Budget Funds				
Assistant Professor (RBC# 886)	9/1 - 5/31	67	9	13,500
<u>Aerospace Engineering and Engineering Mechanics</u>				
Appointment				
Research Engineer				
151. Leon Blitzer	10/1 - 11/30	50	9	18,000
Source of Funds: NASA Contract (RBC# 1112)				
<u>Graduate School of Social Work</u>				
Appointment				
Assistant Professor				
152. Victor M. Ehlers, Jr.	9/1 - 3/31	100	9	14,400
Source of Funds: U.S. Department of HEW Administration - Maternal and Child Health Grant.				
Amend the docket to reflect the appointment of Dr. Ehlers at the budget rate of \$14,400 in lieu of the freeze rate of \$14,000 previously reported. (RBC# 1324)				

<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>Graduate School of Social Work (continued)</u>				
Appointment				
Assistant Professor				
153. James E. Payne	9/1 - 5/31	79	9	\$ 13,600
Source of Funds: U.S. Department of HEW - Office of Vocational Rehabilitation Grant				
Concurrent Employment:				
Graduate School of Social Work- General Budget Funds				
Assistant Professor (RBC# 838, 871, 839)	9/1 - 5/31	21	9	13,600
<u>Bureau of Engineering Research</u>				
Appointment				
Research Scientist (Faculty)				
154. William E. Drummond	6/1 - 8/31	50	9	32,000
Source of Funds: Atomic Energy Commission Contract				
Academic Status: Professor (Physics) (RBC# 1301)				
Research Scientist (Faculty)				
155. Philip F. Little	9/1 - 12/31 1/1 - 5/31	100 50	9	18,500
Source of Funds: Texas Atomic Energy Research Foundation Grants				
Academic Status: Professor (Physics) (RBC# 368, 891)				
<u>Center for Plasma Physics and Thermonuclear Research</u>				
Appointment				
Research Scientist Associate IV				
156. Perry E. Phillips	9/1 - 9/30	100	12	13,800
Source of Funds: Atomic Energy Commission Contract				
Promotion from Research Scientist Assistant III (RBC# 122)				
Research Scientist Assistant I				
157. Robert A. Koch	9/1 - 10/31	50	12	6,168
Source of Funds: NSF Grant				
Promotion from Laboratory Research Assistant II (RBC# 183)				

<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>Center for Plasma Physics and Thermonuclear Research (continued)</u>				
Leave of Absence				
Research Scientist				
158. Henry V. Wong (RBC# 118)	9/1 - 12/31	LWOP	--	---
<u>Center for Plasma Physics and Thermonuclear Research and Bureau of Engineering Research</u>				
Appointment				
Research Program Manager				
159. Alan B. Macmahon				
Center for Plasma Physics and Thermonuclear Research:				
Atomic Energy Commission Contract Funds				
	9/1 - 9/30	100	12	\$ 17,333
	10/1 - 8/31	50		
NSF Grant Funds				
	10/1 - 11/30	50	12	17,333
Bureau of Engineering Research:				
Texas Atomic Energy Research Foundation Funds				
	12/1 - 12/31	50	12	17,333
(RBC's# 1094, 1093, 1092, 1203, 1344)				
<u>Electrical Engineering Research Laboratory</u>				
Leave of Absence				
Research Engineer				
160. Andrew P. Deam	9/1 - 8/31	100	12	19,500
Term of Leave:				
	10/1 - 8/31			
(RBC# 1096)				
<u>Laboratory for Computer-Assisted Instruction</u>				
Change of Status				
Research Scientist (Faculty)				
161. Harold F. O'Neil, Jr.				
To:	9/1 - 1/31	50	9	13,500
From:	9/1 - 11/30	50	9	13,500
Source of Funds: NSF Grant				
Concurrent Employment:				
Educational Psychology Assistant Professor				
	9/1 - 5/31	50	9	13,500
(RBC# 1318)				

<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>Laboratory for Computer-Assisted Instruction (continued)</u>				
Change of Status				
Research Scientist (Faculty)				
160. Wilson Judd				
To:	9/1 - 1/31	25	9	\$ 12,000
From:	9/1 - 11/30	25	9	12,000
Source of Funds: NSF Grant				
Concurrent Employment:				
Educational Psychology				
Assistant Professor	9/1 - 5/31	50	9	12,000
Laboratory for Computer-Assisted Instruction - IBM Contract Funds				
Research Scientist (Faculty)	9/1 - 12/31	25	9	12,000
(RBC# 1317)				
<u>Research and Development Center for Teacher Education</u>				
Appointment				
Coordinator				
163. Gene E. Hall	9/1 - 8/31	100	12	16,800
Source of Funds: Office of Education Contract				
Mr. Hall has resigned his appointment as Assistant Professor in the Department of Curriculum and Instruction at an academic rate of \$11,500.				
(RBC# 1325, 1300)				
Reappointment				
Director, Program Planning and Evaluation				
164. Richard C. Wallace, Jr.	12/1 - 8/31	100	12	28,000
Source of Funds: Office of Education Contract				
Previous appointment was at the same rate				
(RBC# 1293)				
Coordinator (Faculty)				
165. Donald J. Veldman	12/1 - 5/31	33	9	18,000
Source of Funds: Office of Education Contract				
Previous appointment was at the same rate				
Concurrent Employment:				
Educational Psychology				
Professor	9/1 - 5/31	67	9	18,000
(RBC# 1294)				

<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>Research and Development Center for Teacher Education (continued)</u>				
Reappointment				
Research Scientist (Faculty)				
166. Shirley L. Menaker	12/1 - 1/15	25	9	\$ 13,100
Source of Funds: Office of Education Contract				
Previous appointment was at the same rate				
Concurrent Employment:				
Educational Psychology Associate Professor	9/1 - 1/15	LWOP	9	(13,100)
	1/16 - 5/31	50		
(RBC# 1299)				
Co-Director (Faculty)				
167. Robert F. Peck	12/1 - 5/31	50	9	24,000
Source of Funds: Office of Education Contract				
Previous appointment was at the same rate				
Concurrent Employment:				
Educational Psychology Professor	9/1 - 5/31	50	9	24,000
(RBC# 1297)				
Assistant Director				
168. Hilton R. Pankratz	12/1 - 8/31	100	12	17,500
Source of Funds: Office of Education Contract				
Previous appointment was at the same rate.				
(RBC# 1296)				
Coordinator (Faculty)				
169. Frances F. Fuller	12/1 - 5/31	17	9	17,500
Source of Funds: Office of Education Contract				
Previous appointment was at the same rate				
Concurrent Employment:				
Educational Psychology Professor	9/1 - 5/31	83	9	17,500
(RBC# 1303)				

<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>Research and Development Center for Teacher Education (continued)</u>				
Reappointment				
Coordinator (Faculty)				
170. Oliver H. Bown	12/1 - 5/31	33	9	\$ 21,750
Source of Funds: Office of Education Contract				
Previous appointment was at the same rate				
Concurrent Employment:				
Professor				
Educational Psychology (RBC# 1305)	9/1 - 5/31	67	9	21,750
Research Scientist (Faculty)				
171. Gary D. Borich	12/1 - 8/31	100	9	12,000
Source of Funds: Office of Education Contract				
Previous appointment was at the same rate				
Academic Status:				
Assistant Professor (Educational Psychology) (RBC# 1304)				
<u>Science Education Center and Curriculum and Instruction</u>				
Appointment and Change of Status				
172. Addison E. Lee				
Appointment:				
Science Education Center - NSF Academic Year Institute Funds				
Project Director	9/1 - 5/31	16	9	24,500
Change of Status:				
Curriculum and Instruction Professor				
To:	9/1 - 5/31	50	9	24,500
From:	9/1 - 5/31	42	9	24,500
Source of Funds: Transfer from Dean's Reserve for Faculty Salaries				
Concurrent Employment:				
Science Education Center - General Budget Funds				
Director (RBC# 367, 31)	9/1 - 8/31	33	9	24,500

<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>Extension Teaching and Field Service Bureau</u>				
Appointment				
Assistant Director				
173. J. Peter Williams	9/1 - 6/30	100	12	\$ 15,500
Source of Funds: Office of Education Contract				
Amend the docket to reflect the appointment of Mr. Williams at the budget rate \$15,500 in lieu of the freeze rate of \$14,950 as previously reported. (RBC# 1326)				
Project Administrator				
174. Norvell W. Northcutt	9/15 - 6/30	100	12	20,000
Source of Funds: Texas Education Agency Grant (RBC# 1098)				
Social Science Research Associate V				
175. Charles R. Kelso	10/1 - 6/30	100	12	13,800
Source of Funds: Texas Education Agency Grant				
Promotion from Assistant Instructor - Extension Teaching and Field Service Bureau (RBC# 1049)				
<u>AUXILIARY ENTERPRISES AND OTHER ACTIVITIES</u>				
<u>Intercollegiate Athletics</u>				
Appointment				
Team Physician				
176. Paul C. Trickett	9/1 - 5/31	--	--	---
Concurrent Employment: Student Health Center Director and Physician, General Medicine (RBC# 1089)				
	9/1 - 8/31	100	12	35,000
Salary Increase				
Assistant Basketball Coach				
177. Bennie H. Lenox	9/1 - 8/31	100	12	11,500
1970-71:			12	10,500
Rate Increase:			12	1,000
To correct the original budget to reflect the \$11,000 rate approved as of June 15, 1971, plus an additional \$500 as the time the freeze is lifted. (RBC# 640)				

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate
<u>AUXILIARY ENTERPRISES AND OTHER ACTIVITIES (Continued)</u>				
<u>Division of Housing and Food Service - Jester Center Halls</u>				
Appointment				
Head Resident III				
178. John C. Drolla, Jr.	9/1 - 5/20	75	12	\$ 6,168
Promotion from Head Resident I (RBC# 741)				
Transfer of Funds				
179. Amount of Transfer - \$1,030				
To: Jester Center Halls - Salaries				
From: Allocation for Budget Adjustments				
To create an additional position of Dormitory Resident Assistant needed due to changes in dormitory arrangements not anticipated at the time of budget preparation.				
(RBC# 1123)				
<u>Division of Housing and Food Service - Brackenridge-Roberts-Prather and San Jacinto</u>				
Transfer of Funds				
180. Amount of Transfer - \$380				
To: Brackenridge-Roberts-Prather - Salaries (\$180)				
San Jacinto - Salaries (\$200)				
From: Brackenridge-Roberts-Prather - Allocation for Budget Adjustments (\$180)				
San Jacinto - Allocation for Budget Adjustments (\$200)				
To support the salary of a part-time Residence Halls Coordinator for these men's residence halls.				
(RBC# 567)				
<u>Special Concessions</u>				
Transfer of Funds				
181. Amount of Transfer - \$19,300				
Transfers were made from the Special Concessions-Unallocated Projects Account to the various areas and projects as follows:				
(1) AIESEC - Texas (Association Internationale des Etudeants en Sciences Econmeques et Commerciales)				\$ 350
(RBC# 1030)				
(2) ROTC Rifle Team				350
(RBC# 813)				
(3) Vice President for Student Affairs - Special Concessions				10,000
(RBC# 3)				
(4) Office of the Dean of Students - Tutoring Program				3,000
(RBC# 967)				
(5) Office of the Dean of Students - Student Entertainment				600
(RBC# 968)				
(6) Residence Hall Activities				
Jester Center Hall Activity Fund	\$2,000			
Men's Residence Halls Activity Fund	1,000			
Married Students' Housing Activity Fund	1,000			
Women's Residence Halls Activity Fund	1,000			5,000
(RBC's# 966, 1087, 1088, 1086, 1085)				

<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>AUXILIARY ENTERPRISES AND OTHER ACTIVITIES Continued</u>				
<u>Student Government</u>				
Appointment				
Financial Director				<u>Stipend</u>
182. Ronald G. Houdyshell (RBC# 1164)	10/1 - 5/31	p.t.	8	\$ 600
<u>Transfer of Funds</u>				
183. Amount of Transfer - \$3,528				
To: Office of the Students' Attorney - Salaries				
From: Office of the Students' Attorney - Allocation for Budget Adjustments				
To establish the new position of Clerk-Typist at a 12 months rate of \$4,020. (RBC# 1163)				
<u>Law School Program</u>				
<u>Transfer of Funds</u>				
184. Amount of Transfer - \$3,500				
To: Law School Program				
From: Texas Union - Other Expenses				
This transfer is to implement action taken by the Texas Union Board of Directors 9/30/71 to allocate fiscal year 1971-72 support of Student Bar Association activities (\$1,600), and to reallocate Texas Union funds which were allocated to the Law School programs during 1970-71 but lapsed as unexpended on August 31, 1971 (\$1,900). (RBC# 1129, 1166)				
<u>Texas Student Publications</u>				
<u>Transfer Between Dissimilar Appropriations</u>				
185. Amount of Transfer - \$3,150				
To: General Overhead - Salaries				
From: General Overhead - Other Operating Expenses				
Reallocation of TSP funds to implement action taken by the TSP Board at their meeting on November 3, 1971 when the creation of a new position of Clerk-Typist was approved. (RBC# 1234)				
<u>Student Health Center</u>				
Appointment				
Physician, General Medicine				
186. Travis C. Green	9/1 - 8/31	100	12	\$ 20,000
Amend the docket to reflect the appointment of Dr. Green at the budget rate of \$20,000 in lieu of the freeze rate of \$18,000 previously reported. (RBC# 1319)				
Physician, General Medicine				
187. Harold L. Robinson (RBC# 562)	9/1 - 8/31	100	12	21,000

<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>AUXILIARY ENTERPRISES AND OTHER ACTIVITIES</u>				
<u>Student Health Center (continued)</u>				
Change of Status				
Physician, Specialist - Eye				
188. Frank H. Gregg				
To:	9/1 - 10/31	25	12	\$ 24,000
	11/1 - 8/31	37.5	12	24,000
From:	9/1 - 8/31	25	12	24,000
(RBC# 1208)				
Resignation				
Physician, General Medicine				
189. Kurt Lekisch	9/1 - 8/31	100	9	21,000
Date of Resignation:	11/30/71			
(RBC# 1161)				
Physician, General Medicine				
190. Lawrence V. LeBoeuf	9/1 - 8/31	100	12	21,000
Date of Resignation:	9/30/71			
(RBC# 1080)				
<u>Texas Union Theatre</u>				
Appointment				
Director, Texas Union Repertory				
191. James M. Thomas	9/1 - 5/31	50	9	9,000
(RBC# 1211, 1047)				
<u>Institute of Marine Sciences at Port Aransas</u>				
Transfer of Funds				
192. Amount of Transfer - \$375				
To: Institute of Marine Sciences at Port Aransas				
From: Texas Union - Other Expenses				
This transfer is to implement action taken by the Union Board of Directors meeting of 9/16/71 for the purchase of athletic and recreational equipment for the Graduate Student Association of the Institute.				
(RBC# 906)				
<u>CURRENT RESTRICTED FUNDS</u>				
<u>Journalism</u>				
Transfer of Funds				
193. Amount of Transfer - \$1,000				
To: Journalism Scholarships and Fellowships				
From: Journalism - Various Donors				
For a graduate fellowship in urban affairs reporting, as provided under terms of a Houston Endowment, Inc. grant.				
(RBC# 1245)				

<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>CURRENT RESTRICTED FUNDS (Continued)</u>				
<u>Electrical Engineering and Petroleum Engineering</u>				
Transfer of Funds				
194. Amount of Transfer - \$4,000				
To: Electrical Engineering - Mobil Oil Fellowship - Geomagnetics (\$3,000)				
Petroleum Engineering - Mobil Oil Company - Various Purposes (\$1,000)				
From: Engineering Foundations - Various Donors Unallotted				
To transfer funds from the Foundation's collecting account in accordance with instructions from the donor - Mobil Oil Company.				
(RBC# 487, 725)				
<u>Mechanical Engineering</u>				
Transfer of Funds				
195. Amount of Transfer - \$750				
To: Various Donors, Various Purposes - Mechanical Engineering				
From: For Scholarships and Fellowships - The Alcoa Foundation - Graduate Fellowships in Engineering				
To transfer funds provided by the Alcoa Foundation to Mechanical Engineering to support activities relating to the Alcoa fellowship.				
(RBC# 8)				
<u>Petroleum Engineering</u>				
Transfer of Funds				
196. Amount of Transfer - \$1,400				
To: Petroleum Engineering - Various Donors Improvement Fund				
From: For Scholarships and Fellowships - The R.C. Baker Foundation - Scholarships in Engineering				
Transfer funds to the Department of Petroleum Engineering to support activities related to R.C. Baker scholars and fellows.				
(RBC# 807)				
Transfer of Funds				
197. Amount of Transfer - \$4,000				
To: Petroleum Engineering - Continental Oil Company - Various Purposes				
From: Engineering Foundation - Various Donors - Unallotted				
To transfer funds from the Foundation's collecting account in accordance with instructions from the donor - Continental Oil Company.				
(RBC# 1222)				
<u>School of Law - Law School Foundation</u>				
Budget Correction				
Consultant on Development				
198. Wayne R. Stratton				
To:	9/1 - 8/31	100	12	\$ 18,000
From:	9/1 - 8/31	100	12	19,000
(RBC# 115)				

<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)Graduate School of Social Work

Transfer of Funds

199. Amount of Transfer - \$4,800

To: Various Scholarships in School of Social Work

From: Hogg Foundation for Mental Health, W.C. Hogg Fund:
Program Support - \$500Hogg Foundation for Mental Health - Ima Hogg Scholarships in
Mental Health - \$4,300Funds were used for two field placement scholarships in the School of
Social Work.

(RBC# 69,68)

Graduate School of Social Work -
Social Work Foundation

Transfer of Funds

200. Amount of Transfer - \$940

To: Various Donors - Special Programs

From: Various Donors - Unallotted

Transfer from the Foundation's collecting account to support various
special programs within the School of Social Work.

(RBC# 1045)

College of Business Administration
Foundation

Transfer of Funds

201. Amount of Transfer - \$650

To: Graduate Business Association

From: Various Donors

Transfer unrestricted CBA Foundation funds to support activities related
to graduate students of the College.

(RBC# 989)

Fine Arts Foundation -
Office of the Dean of Fine Arts

Interdepartmental Transfer

202. Amount of Transfer - \$1,000

To: Office of the Dean - Touring and Travel

From: Music Camps and Contests

To provide needed travel funds.

(RBC# 488)

Fine Arts Foundation - Drama

Transfer of Funds

203. Amount of Transfer - \$1,500

To: Drama - Faculty Travel Fund - \$1,000

Drama - Touring and Travel - \$500

From: Drama - Various Donors, Various Purposes

To provide for travel needs of this department for 1971-72.

(RBC# 812, 479, 1176)

<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 of Funds

204. Amount of Transfer - \$10,000

To: Music - Solo-Artist Series

From: Cultural Entertainment Committee - Other Expenses

To transfer to the Music Department funds representing the agreed amount of CEC's responsibility toward financing the Solo-Artist Series sponsored jointly by the Music Department and CEC.
(RBC# 1165)

Transfer of Funds

205. Amount of Transfer - \$5,600

To: Music - Touring and Travel (\$5,000)

Music - Official Entertainment (\$600)

From: Music - Camps and Contests

To provide for the Music Department's anticipated needs in these areas for 1971-72.

(RBC# 477, 478)

Science Education Center

Appointment

Assistant Instructor

206. Harold L. Crater

9/1 - 5/31

50

Academic

Rate

Stipend

\$ 8,000

\$ 3,600

Source of Funds:

American Association for the Advancement of Science
(RBC# 543)

Students Association

Transfer of Funds

207. Amount of Transfer - \$100

To: Students Association - Undergraduate Research

From: Teacher Education Foundation Fund

To transfer to an appropriate account funds to support research grants to one or more undergraduate students in the teacher education program during the current academic year.

(RBC# 484)

Transfer of Funds

208. The following transfers were made in order to close out the accounts as of November 30, 1971

Account Number

Amount

To: 14-0611-1010

\$ 8,887.81

14-0611-1050

63,221.34

30-9801-0150

22,263.95

30-7430-0700

164,606.30

30-9801-0100

236,000.00

30-9801-0155

14,000.00

From: 27-7100-000

\$ 391,565.53

30-9801-0150

100,000.00

15-7301

17,413.87

(RBC#'s D-61, 62, 63, 64, 65, 67)

<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>

AGENCY FUNDSInstitute of Latin American Studies

Transfer of Funds

209. Amount of Transfer - \$6,000

To: Institute of Latin American Studies - Latin American Research Review Revolving Account

From: U. T. Press - Latin American Research Review Revolving Account

To provide the additional funds needed for the salary of an Editor III, who is to be paid through the Institute of Latin American Studies, rather than through the U. T. Press.

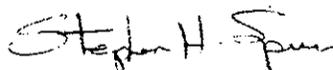
(RBC# 1149)

1971-72 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
1.	David W. Everett Office of the Registrar	Administrative Clerk	Assistant Registrar and Registration Supervisor (Trainee)	
	Salary Rate (RBC# 1156)	\$ 5,268	\$ 9,240	11/1/71
2.	Virginia S. Lynch Data Processing Division	Systems Analyst and Programmer I	Systems Analyst and Programmer II	
	Salary Rate (RBC# 1114)	\$ 10,920	\$ 13,200	11/1/71
3.	Matthew Van Winkle Chemical Engineering	Professor	Henry Beckman Professor	
	Salary Rate - 9 mos.	\$ 22,200	\$ 26,200	11/14/71
	Source of Funds: Current Restricted - Henry Beckman Professorship in Chemical Engineering (RBC# 1388, 1279)			
4.	Jerry L. Weaver Government	Lecturer	Visiting Associate Professor (Spring, 1972 Only)	
	Academic Rate (RBC# 1227)	\$ 16,000	\$ 18,500	1/16/72

Sincerely yours,



Stephen H. Spurr
President

THE UNIVERSITY OF TEXAS AT EL PASO
El Paso, Texas

1172

January 7, 1972

Dr. Charles A. LeMaistre, Chancellor
The University of Texas System
Austin, Texas

Dear Dr. LeMaistre:

The following docket is submitted for your approval and presentation to the Board of Regents at the meeting in Austin on February 4, 1972:

BUSINESS CONTRACT ITEMS

Mr. Demetrio Vasquez, Jr. had a five-year contract beginning October 15, 1968, to operate a barber shop in the Union. The rent he was to pay to the University was \$100.00 per month. At October 31, 1971, Mr. Vasquez owed the University \$300.00 unpaid rent and the lease was cancelled and the shop closed. The shop furniture and fixtures belonging to Mr. Vasquez are being held by the University until the rent due is paid.

GIFTS

I recommend acceptance of the following benefaction and that expressions of thanks and appreciation of the Board be sent the donor by the Secretary:

Dr. Patrick Romanell, H. Y. Benedict Professor of Philosophy, proposes to establish an endowed professorship in philosophy through lifetime contributions and through his estate, if the professorship is not fully funded at the time of his and his wife's death. Dr. Romanell has made a \$2,500.00 contribution as the first step in funding the professorship. The professorship is to be a visiting professorship in philosophy at The University of Texas at El Paso. Recipients are to be nominated by senior faculty members of the Philosophy Department with the assistance of the Ashbel Smith Professor of Philosophy at The University of Texas at Austin. A new recipient is to be selected each year. Provisions of the Board of Regents policies as set out September 18-19, 1964, on endowed academic positions will be complied with.

GOVERNMENT CONTRACTS AND GRANTS

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

1. DO-6, dated November 10, 1971, to Basic Agreement DAAD07-67-C-0362, whereby the Contracting Officer, Procurement, White Sands Missile Range, New Mexico 88002, authorizes the enrollment of three students for an estimated 13 credit hours during the Spring and First Summer session (1972) at a total estimated obligation of \$200.
2. Modification No. A017, dated October 12, 1971, to Contract No. DA-29-040-ORD-1930, whereby the Contracting Officer, Procurement Division, STEWS-LG-PA, Building 1830, White Sands Missile Range, New Mexico 88002, by mutual agreement extends the term of the contract through June 30, 1972. No funding is involved in this equipment contract.
3. Modification No. A018, dated October 26, 1971, to Contract No. DA-29-040-ORD-1930, whereby the Contracting Officer, Procurement Division, STEWS-LG-PA, Building 1830, White Sands Missile Range, New Mexico 88002, incorporates the terms and conditions of ASPR Appendix C, Part 6, which are applicable to utilization of government property in possession of the University.
4. Modification No. A019, dated December 7, 1971, to Contract No. DA-29-040-ORD-1930, whereby the Contracting Officer, Procurement Division, STEWS-LG-PA, Building 1830, White Sands Missile Range, New Mexico 88002, updates the General Provision clauses in accordance with Armed Services Procurement Regulations dated January 1, 1969, through 1969 Edition Revision No. 9, dated April 30, 1971, and deletes General Provision clauses amended and set forth in Mod. A016 and substitutes certain other clauses.

GOVERNMENT CONTRACTS AND GRANTS (CONTINUED)

5. Educational Service Agreement No. DABE34-72-A-0371, dated September 1, 1971, whereby the Contracting Officer, Procurement Division, DIO, Building No. 4004, Fort Sam Houston, Texas 78234, enters into an agreement with the University for educational services to designated government personnel at the University for an estimated annual cost of \$5,654. The agreement shall be effective on September 1, 1971 and continue until terminated.
6. Delivery Order No. 0277 (ROTC-1), dated November 16, 1971, to Educational Services Agreement No. DABE34-72-A-0371, whereby the Contracting Officer, Procurement Division, DIO, Fort Sam Houston, Texas 78234, authorizes enrollment of 30 students during the Fall 1971 and/or Spring 1972 Semester at an estimated total cost of \$8,998.
7. Order No. DABE32-72D1734, dated October 28, 1971, to Basic Agreement No. DABD07-71-A0002, whereby the Contracting Officer, Ft. Bliss, Texas 79916, undertakes a total obligation of \$1,689.75 for the enrollment of 48 students and 256 credit hours during the Fall Semester, 1971.
8. Modification No. P00001, dated September 20, 1971, to Contract No. F19628-71-C-0160, whereby the Contracting Officer, Electronic Systems Division (PPR), Air Force Systems Command, USAF, L. G. Hanscom Field, Bedford, Massachusetts 01730, allocates an additional \$10,000 to the contract and extends the performance period from March 31, 1972 through March 31, 1973.
9. Modification No. A016, dated November 3, 1971, to Contract No. DAAD07-67-C-0245, whereby the Contracting Officer, Procurement Division, STEWS-LG-PA, Building 1830, White Sands Missile Range, New Mexico 88002, incorporates the most recent indirect cost rates into the subject contract. (The original of this modification was forwarded to the System Security Supervisor).
10. Contract No. DAAD07-72-C-0077, dated October 29, 1971, whereby the Contracting Officer, Procurement Division, Building 1830, STEWS-LG-PC, White Sands Missile Range, New Mexico 88002, awards \$10,852 for 10 prototype ozone temperature sensors for rocket-borne research and development and a study of the techniques for improved gas flow. The temperature sensors are to be furnished according to a delivery schedule with the last sensor to be delivered 210 days after the date of the contract.

NON-GOVERNMENT CONTRACTS AND GRANTS

I recommend acceptance of the following grants and contracts which have been received:

1. Grant Extension, dated October 22, 1971, whereby the Systems Corrosion Engineer, El Paso Natural Gas Company, El Paso, Texas 79999 requests an extension of the organized research grant originally allocated to Dr. Curtis Eklund with a termination date of October 31, 1971. The termination date of the extension period is May 15, 1972 with no further allocation of funds.
2. Letter Grant, dated October 29, 1971, whereby the Vice President - Grants, Research Corporation, 405 Lexington Avenue, New York, New York 10017, awards \$3,750 as a Frederick Gardner Cottrell grant in aid of Dr. Michael P. Eastman's research program. The grant is a contribution to the academic and scientific program of the University and has no termination date.
3. Grant No. PRF #2315-G2, dated October 29, 1971, whereby the Program Administrator, The Petroleum Research Fund, American Chemical Society, 1155 Sixteenth St., N. W., Washington, D. C. 20036, awards \$3,000 for research in the Department of Chemistry for an indefinite period.

RECOMMENDED AMENDMENTS TO 1971-72 BUDGET

The following amendments to the 1971-72 budget are written on the basis of "budget rates" rather than the "freeze rates" resulting from the President's Executive Order. For the duration of the wage-price freeze, while reported amendments to the budget are based on budget rates, all payrolls are processed in compliance with the rules, regulations, and guidelines issued under authority of the Executive Order.

RECOMMENDED AMENDMENTS TO 1971-72 BUDGET (CONTINUED)EDUCATIONAL AND GENERALGENERAL ADMINISTRATION AND STUDENT SERVICESOffice of the Vice President for Academic Affairs

1. Transfer of Funds:

From: Office of the President -	
Administrative and Professional Salaries	\$23,750.00
Classified Salaries	4,264.00
Wages	126.00
Maintenance and Operation	2,000.00
Travel	1,500.00
To: Office of the Vice President for Academic Affairs	31,640.00
For: To split the original budget for Office of the President effective November 1, 1971 to set up a new budget for Office of the Vice President for Academic Affairs as follows: (RBC 165)	
Administrative and Professional Salaries	\$23,750.00
Classified Salaries	4,390.00
Maintenance and Operation	2,000.00
Travel	1,500.00

Office of the Vice President for Student Affairs

2. Appoint Steven R. Rosenfeld as Assistant Director of Student Activities (38/100 Time) effective September 7, 1971, at a full-time annual rate of \$9,000.00 with the necessary funds in the amount of \$3,374.80 to come from the appropriation for Wages in the amount of \$470.54 and \$2,904.26 from unallocated salaries. He will also serve as Assistant Director of Student Activities (62/100 Time) in The Union - Student Activities. (RBC 162)

3. Appoint Barbara B. Ainsa as Secretary effective October 4, 1971, at an annual rate of \$3,828.00 with the necessary funds in the amount of \$3,478.13 to come from unallocated salaries. (RBC 168)

RESIDENT INSTRUCTIONSCHOOL OF BUSINESS ADMINISTRATIONBusiness

4. Lapse the unfilled line-item appropriation for Assistant Professor in the amount of \$14,000.00 to unallocated salaries in compliance with Pink Sheet rule 3.e. (RBC 174)

SCHOOL OF EDUCATIONEducational Psychology and Guidance

5. Appoint Dick S. Calkins as Assistant Professor (1/4 Time) effective September 1, 1971 for the 1971-72 Long Session, at a full-time nine-months rate of \$10,500.00 with the necessary funds in the amount of \$2,625.00 to come from the appropriation for Teaching Assistants in the amount of \$275.00 and \$2,350.00 from unallocated salaries. He will also serve as Research Consultant (3/4 Time) in the Computation Center. (RBC 141)

Health and Physical Education

6. Transfer of Funds:

From: Unallocated Maintenance and Operation	\$1,249.00
To: Maintenance and Operation	1,249.00
For: To provide funds to cover the cost of renting the facilities at the El Paso Tennis Club and the YWCA for continuation of scheduled classes during the completion of the renovation of the University tennis courts and swimming pool. (RBC 158)	

7. Transfer of Funds:

From: Travel	\$200.00
To: Maintenance and Operation	200.00
For: Transfer between dissimilar appropriations to allow the department to service its needs more effectively. (RBC 173)	

RECOMMENDED AMENDMENTS TO 1971-72 BUDGET (CONTINUED)RESIDENT INSTRUCTION (CONTINUED)SCHOOL OF ENGINEERINGElectrical Engineering

8. Change the status of Willis A. Finchum effective September 1, 1971 for the 1971 Fall Semester from Adjunct Professor (1/8 Time) to Adjunct Professor (1/4 Time) at his full-time nine-months rate of \$16,000.00 with the necessary additional funds in the amount of \$1,000.00 to come from the appropriation for Teaching Assistants. (RBC 157)

SCHOOL OF LIBERAL ARTSEnglish

9. Accept the resignation of Abelardo B. Delgado, Assistant Professor (Visiting) (1/4 Time) effective October 31, 1971, and lapse to unallocated salaries \$859.46 budgeted for this position. He will serve as Director, Special Services for Grant OEG-0-714339 Special Services Program. (RBC 176)

Linguistics

10. Lapse the unfilled line-item appropriation for Instructor (1/2 Time) in the amount of \$4,000.00 to unallocated salaries in compliance with Pink Sheet rule 3.e. (RBC 174)

Political Science

11. Accept the resignation of Abelardo B. Delgado, Assistant Professor (Visiting) (1/4 Time), effective October 31, 1971, and lapse to unallocated salaries \$859.46 budgeted for this position. He will serve as Director, Special Services for Grant OEG-0-714339 Special Services Program. (RBC 177)

SCHOOL OF SCIENCEGeological Sciences

12. Lapse the unfilled line-item appropriation for L. A. Nelson Professor in the amount of \$21,000.00 to unallocated salaries in compliance with Pink Sheet rule 3.e. (RBC 174)

Office of the Coordinator of Health Related Programs

13. Transfer of Funds:

From: Unallocated Salaries	\$2,292.00
Unallocated Maintenance and Operation	2,100.00
To: Office of the Coordinator of Health Related Programs	4,392.00
For: To set up new budget as follows: (RBC 159)	
Classified Salaries	\$2,292.00
Maintenance and Operation	600.00
Equipment	500.00
Travel	1,000.00

UNALLOCATED ACCOUNTS

14. Transfer of Funds:

From: Unallocated Salaries	\$35,000.00
To: Unallocated Maintenance and Operation	35,000.00
For: Transfer between dissimilar appropriations to make more funds available for regular operating purposes. (RBC 170)	

LIBRARY

15. Change the status of Baxter Polk from University Librarian to Director of Special Collections effective November 1, 1971, at no change in his annual rate of \$17,680.00. (RBC 180)

16. Change the status of Kenneth W. Hedman effective November 1, 1971 from Librarian IV to Acting Associate University Librarian and adjust his annual rate from \$10,020.00 to \$11,000.00, with the necessary funds in the amount of \$686.60 to come from unallocated salaries. (RBC 181)

17. Change the status of Jesse E. Duggan effective November 1, 1971 from Associate University Librarian to University Librarian, Ad Interim and adjust his annual rate from \$11,400.00 to \$15,000.00 with the necessary funds in the amount of \$2,920.00 to come from unallocated salaries. (RBC 182)

RECOMMENDED AMENDMENTS TO 1971-72 BUDGET (CONTINUED)OPERATION AND MAINTENANCE OF PHYSICAL PLANTCampus Security

18. Accept the resignation of James T. Petzold, Chief of Police, effective November 2, 1971, and lapse to unallocated salaries \$8,532.00 budgeted for this position. (RBC 169)

CONTRACT RESEARCH AND SERVICESHEW Grant OEG-0-71-2634(453) - Upward Bound - 6th Year

19. Appoint Dean C. DeuPree as Teacher (1/6 Time) effective September 1, 1971 through May 31, 1972, at a full-time annual rate of \$10,800.00 with the necessary funds in the amount of \$1,350.00 to come from budgeted salaries for this grant. (RBC 154)

20. Appoint Nancy Y. Wood as Teacher (1/6 Time) effective September 1, 1971 through May 31, 1972, at a full-time annual rate of \$10,800.00 with the necessary funds in the amount of \$1,350.00 to come from budgeted salaries for this grant. (RBC 155)

OEO Grant CG-8669 E/O - High School Equivalency Program - 5th Year

21. Accept the resignation of Carl F. Doerr, Jr., Teacher, effective September 30, 1971, and lapse to unencumbered salaries \$6,215.00 budgeted for this position. (RBC 147)

22. Appoint Enrique L. Gallegos as Teacher effective October 1, 1971 through August 31, 1972, at an annual rate of \$6,780.00 with the necessary funds in the amount of \$6,215.00 to come from budgeted salaries for this grant. (RBC 153)

23. Increase the annual rate of John E. Guzman, Director, effective December 1, 1971, from \$12,800.00 to \$13,000.00 with the necessary funds in the amount of \$150.03 to come from budgeted salaries for this grant. (RBC 179)

HEW Grant 20-P-3007/6-03 - Undergraduate Social Work

24. Accept the resignation of Nathan Zirl, Field Experience Supervisor (1/2 Time), effective before September 1, 1971 and lapse to unencumbered salaries \$5,500.00 budgeted for this position. (RBC 149)

25. Appoint Dorothy N. Lee as Assistant Professor (1/4 Time) effective September 1, 1971 through January 15, 1972, at a full-time annual rate of \$14,667.00 with the necessary funds in the amount of \$1,370.05 to come from budgeted salaries for this grant. (RBC 166)

State Department of Public Welfare Manpower Development Program

26. Accept the resignation of Nathan Zirl as Assistant Professor (1/2 Time) effective before September 1, 1971, and lapse to unencumbered salaries \$5,500.00 budgeted for this position. Mr. Zirl held rank as Assistant Professor in the Department of Sociology. (RBC 150)

HEW Grant NGR 44-012-147 - Plagioclase Mineralogy Study

27. Appoint Richard O. Page as Research Assistant (1/2 Time) effective September 1, 1971, at a full-time annual rate of \$6,000.00 with the necessary funds in the amount of \$2,250.00 to come from budgeted salaries for this grant. (RBC 164)

Contract F29601-71-C-0028 Assessment of Visual Acuity in High Risk Environments

28. Reappoint Zane M. Fractor as Research Assistant effective September 1 through December 31, 1971, at his annual rate of \$8,400.00 with the necessary funds in the amount of \$2,800.00 to come from budgeted salaries for this contract. (RBC 146)

29. Appoint Paul R. Krausman as Research Assistant (1/2 Time) effective November 1 through December 31, 1971, at a full-time annual rate of \$6,000.00 with the necessary funds in the amount of \$500.00 to come from budgeted salaries for this contract. (RBC 167)

Grant OEG-0-714339 - Special Services Program

30. Appoint Abelardo B. Delgado as Director, Special Services effective November 1, 1971 through June 30, 1972, at an annual rate of \$16,500.00 with the necessary funds in the amount of \$11,000.00 to come from budgeted salaries for this contract. (RBC 178)

RECOMMENDED AMENDMENTS TO 1971-72 BUDGET (CONTINUED)OTHER RESTRICTED CURRENT FUNDSCorporation for Public Broadcasting Grant - Mass Communication

31. Reappoint Louis H. Valles as Operations Manager, Radio Station KTEP effective September 1, 1971, at an annual rate of \$4,800.00 with the necessary funds to come from budgeted salaries for this account. (RBC 171)

AUXILIARY ENTERPRISESHousing System - Director of Housing

32. Appoint Gayle W. Coyle as Assistant Director of Housing effective September 1, 1971 through August 31, 1972 at an annual rate of \$12,000.00 with the necessary funds to come from budgeted salaries for this department. (RBC 148)

Student Publications - Administration

33. Increase the annual rate of Joseph A. della Malva, Director, effective November 14, 1971 through August 31, 1972 from \$10,800.00 to \$11,300.00 with the necessary funds in the amount of \$398.55 to come by transfer of dissimilar appropriations for Equipment in the amount of \$79.71 and \$318.84 to come from Travel. (RBC 172)

The Union

34. Transfer of Funds:

From: Cultural Entertainment - Wages	\$2,830.00
To: Student Activities - Salaries	1,968.00
Union Council - Maintenance and Operation	862.00
For: Transfer between departments to utilize the funds more effectively for the activities involved.	(RBC 161)

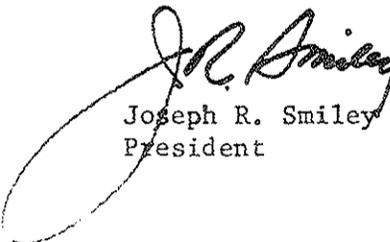
The Union - Student Activities

35. Appoint Steven R. Rosenfeld as Assistant Director of Student Activities (62/100 Time) effective September 7, 1971, at a full-time annual rate of \$9,000.00 with the necessary funds in the amount of \$5,475.20 to come from budgeted salaries for this department. He will also serve as Assistant Director of Student Activities (38/100 Time) in the Office of the Vice President for Student Affairs. (RBC 163)

SERVICE DEPARTMENTSComputation Center

36. Appoint Dick S. Calkins as Research Consultant (3/4 Time) effective September 7, 1971 through May 31, 1972, at his full-time nine-months rate of \$10,500.00 as Assistant Professor of Educational Psychology and Guidance with the necessary funds in the amount of \$7,700.00 to come from budgeted salaries for this department. He will also serve as Assistant Professor (1/4 Time) in the Department of Educational Psychology and Guidance. (RBC 142)

Sincerely,


Joseph R. Smiley
President

THE UNIVERSITY OF TEXAS AT ARLINGTON

Arlington, Texas

January 3, 1972

Dr. Charles A. LeMaistre, Chancellor
The University of Texas System
Austin, Texas 78701

Dear Dr. LeMaistre:

The following docket is submitted for your approval and presentation to the Board of Regents at the meeting in Austin on February 4, 1972:

MEMBERSHIP ON THE GRADUATE FACULTY

I recommend the following faculty members for full membership on the graduate faculty:

Dr. James N. Bowen - Department of Psychology
Dr. William H. Leckie - Department of History
Dr. Alfred R. Mitchell - Department of Mathematics
Dr. Roger W. Mitchell - Department of Mathematics
Dr. Edward B. Richards - Department of Government

BUSINESS CONTRACTS

I recommend ratification of a contract between Security Photo Cards, Incorporated, Dallas, Texas, and The University of Texas at Arlington, whereby the Vendor agrees to produce student photo ID cards at a cost of 85¢ per card for the contract period July 1, 1971, through June 30, 1972.

GIFTS TO THE UNIVERSITY OF TEXAS AT ARLINGTON

The following gifts have been received by The University of Texas at Arlington. I recommend acceptance and that the 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. Texas Power & Light Co. P.O. Box 6331 Dallas, Texas 75222 Mr. John B. Robuck, Vice-President - Engineering	Power Systems Program - student aid	\$5,000
2. Field Research Laboratory Mobil Research and Development Corporation P.O. Box 900 Dallas, Texas 75221 Mr. J. S. McNiell, Manager	Laser systems - School of Science	*over \$5,000

*Donor requests that no mention of valuation be included in any acceptance or letter of thanks. For internal use, valuation is \$40,000.

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.

PROJECTS SUPPORTED BY NON-FEDERAL SPONSORS:

1. Interagency Cooperation Contract IAC(72-73)-298, between the Texas Department of Community Affairs and The University of Texas at Arlington whereby a Community Development Training Urban Studies Scholarship in the amount of \$500.00 is awarded to a graduate student in the Institute of Urban Studies.
2. Interagency Cooperation Contract IAC(72-73)-293, between East Texas State University and The University of Texas at Arlington whereby UT Arlington rents 16mm films and other instructional materials to East Texas State during the period September 1, 1971, through August 31, 1972, at a cost not to exceed \$1,500.00.
3. Interagency Cooperation Contract IAC(72-73)-294, between Angelo State University and The University of Texas at Arlington whereby UT Arlington rents 16mm films and other instructional materials to Angelo State during the period September 1, 1971, through August 31, 1972, at a cost not to exceed \$1,500.00.
4. Social Welfare Sequence Contract whereby the Texas State Department of Public Welfare grants \$10,237.92 for a project entitled "Staff Development and Enrichment Fund Request for the Undergraduate Social Welfare Sequence at The University of Texas at Arlington"; under the direction of Blaine T. Williams, Sr., Acting Chairman and Associate Professor, Department of Sociology.
5. Letter dated October 29, 1971, whereby the Research Corporation awards a Frederick Gardner Cottrell grant in aid of Dr. Daniel M. Blake's research program entitled "Carbonato Complexes of Platinum (II) as Oxidizing Agents."
6. Letter of Agreement dated November 8, 1971, whereby the Texas Municipal League and the Institute of Urban Studies of The University of Texas at Arlington set forth the provisions for the development of a code enforcement administration course for city officials. The Institute of Urban Studies will perform the services for a sum not to exceed \$6,000.00.

GOVERNMENT SUPPORTED PROJECTS

1. Amendment No. 2, GU-3765, National Science Foundation, whereby an additional Institutional Grant for Science in the sum of \$9,331.00 is awarded The University of Texas at Arlington.
2. Transaction/Award Number 07198824 whereby the Department of Health, Education, and Welfare awards the sum of \$70,978 for the operation of the College Work-Study Program for the January 1, 1971 through December 31, 1971 grant period.

3. Transaction Number 06084735 whereby the Department of Health, Education, and Welfare allots the sum of \$99,126 for the Educational Opportunity Grants Program for the period 7/1/71-6/30/72.
4. Transaction Number 05084735 whereby the Department of Health, Education, and Welfare allots the sum of \$86,800 for the Educational Opportunity Grants for the period 7/1/70-6/30/71.
5. Transaction No. 003656 whereby the United States Department of Justice awards the sum of \$7,000.00 in connection with the Law Enforcement Education Program (LEEP), for the fiscal period 7/1/70-6/30/71.
6. Transaction Number 003656-6-72-2-1 whereby the United States Department of Justice awards the sum of \$46,796 in connection with the Law Enforcement Education Program (LEEP), for the fiscal period 7/1/71-6/30/72.

RECOMMENDED AMENDMENTS TO THE 1971-72 BUDGET

GENERAL INSTITUTIONAL EXPENSE

1181

Committee on Status of Women

1. Transfer of Funds:

From: 11-998 Unallocated General
Institutional Expense - Maintenance
and Operation \$200.
To: 11-140 Committee on Status
of Women - Maintenance and
Operation \$200.
For: To supply funds to a new University Committee which
was not organized at the time of preparation of the
original budget for 1971-72.
(RBC #179)

Office of Sponsored Projects

2. Transfer of Funds:

From: 11-998 Unallocated General
Institutional Expense - Maintenance
and Operation \$5,000.
To: 11-196 Office of Sponsored
Projects - Maintenance and Operation \$5,000.
For: To provide partial support for the office of Federal
Projects of the U. T. System in Washington, D. C.
(RBC #161)

Teaching Effectiveness Program

3. Transfer of Funds:

From: Maintenance and Operation \$750.
To: Wages Hourly \$750.
For: To make funds available to pay four students to
prepare materials for teacher evaluation survey.
(RBC #171)

LIBERAL ARTS

Department of Architecture

4. Transfer of Funds:

From: 12-898 Unallocated Departmental
Operation - Travel \$400.
To: 12-115 Architecture - Travel \$400.
For: This is a special request for funds for travel from
the Chairman of the Architecture Department for an
unanticipated trip which we believe is in the best
interest of the institution.
(RBC #160)

5. Cancel budgeted position of Professor with academic rate of \$17,000, 9 months, effective as of September 1, 1971. Position not filled. (RBC #163)

RECOMMENDED AMENDMENTS TO THE 1971-72 BUDGET - continued

Department of Foreign Languages

1182

6. Transfer of Funds:

From: Maintenance & Operation \$134.
To: Travel \$134.
For: This amount needed to pay expenses for professor to
travel to Chicago to read paper at national meeting.
(RBC #170)

Department of History and Philosophy

7. Increase the academic rate of Sandra L. Myres, Associate Professor, from \$11,400 to \$12,200, 9 months, effective December 1, 1971. Additional funds are available from Unallocated Faculty Salaries. (RBC #175)

Department of Psychology

8. Cancel budgeted position of Assistant Professor, 25% with stipend of \$2800, academic rate of \$11,200, 9 months, as of September 1, 1971. Position not filled. (RBC #164)

9. Promote Paul B. Paulus from Instructor to Assistant Professor with no change in academic rate of \$10,900, 9 months, effective September 1, 1971. (RBC #174)

10. Appoint Patricia Jo McCleary as Lecturer, part-time (25%) with stipend of \$660, academic rate of \$5280, 9 months, effective January 16, 1972. Funds available from Lecturers Institutional-Unallocated. (RBC #181)

11. Appoint John W. Porter as Lecturer, part-time (25%) with stipend of \$660, academic rate of \$5280, 9 months, effective January 16, 1972. Funds available from Lecturers Institutional - Unallocated. (RBC #182)

12. Appoint Rogene G. Stryker as Lecturer, part-time (50%) with stipend of \$1350, effective January 16, 1972. Academic rate of \$5400, 9 months. Funds available from Lecturers Institutional-Unallocated. (RBC #183)

Department of Sociology

13. Promote Thomas Hays from Instructor with academic rate of \$10,200 to Assistant Professor with academic rate of \$10,800, 9 months, effective September 1, 1971. Additional funds available from Unallocated Faculty Salaries. (RBC #145)

14. Cancel budgeted position of Assistant Professor with academic rate of \$10,500, 9 months, effective September 1, 1971. Position not filled. (RBC #165)

15. Appoint Eddy L. Herrera as Assistant Professor, part-time (30%) with stipend of \$2700, academic rate of \$9,000, 9 months, effective September 1, 1971. Cancel position of Lecturer budgeted as of 9/1/71 (filled by Eddy L. Herrera(50%) at \$1320.) Additional funds available from Unallocated Faculty Salaries. (RBC #177)

SCIENCE

Department of Chemistry

16. Transfer of Funds:

From: 12-898 Unallocated Departmental
Operating-Unallocated Salaries \$600.
To: 12-230 Chemistry - Maintenance
and Operation \$600.

RECOMMENDED AMENDMENTS TO THE 1971-72 BUDGET - continued

For: Needed within the department for supplies for the semester. This amount has been saved on salaries of Graduate Research Assistant position within the department.

(RBC #173)

Department of Geology

17. Cancel budgeted position of Assistant Professor with academic rate of \$12,000, 9 months, effective September 1, 1971. Position not filled. (RBC #166)

Department of Mathematics

18. Cancel budgeted position of Professor with academic rate of \$17,000, 9 months, effective September 1, 1971. Position not filled. (RBC #167)

BUSINESS ADMINISTRATIONDean of Business

19. Appoint John B. McCall as Acting Associate Dean as follows: September 1, 1971 - May 31, 1972 at 6.875% with stipend of \$1100 and June 1, 1972 - August 31, 1972, 33% with stipend of \$1750. Funds available from budgeted salaries within the department. (RBC #155)

20. Appoint Burley Walker, Jr., as Assistant Dean, 6% with stipend of \$900 effective September 1, 1971. Funds available from Unallocated Instructional Administration-Unallocated Salaries. (RBC #157)

Department of Business Administration

21. Change the status of Burley Walker Jr., Assistant Professor with academic rate of \$14,100 from 100% to 94% with academic rate of \$15,000. No additional funds required. (RBC #158)

Department of Economics

22. Change the status of John B. McCall, Associate Professor with academic rate of \$15,400 from 100% to 93.125% with stipend of \$14,900, academic rate of \$16,000, effective September 1, 1971. No additional funds required. (RBC #156)

ENGINEERINGDepartment of Electrical Engineering

23. Cancel budgeted position of Associate Professor with academic rate of \$14,400, 9 months, effective September 1, 1971. Position not filled. (RBC #168)

24. Appoint Kazuhiro Takahashi as Visiting Professor with academic rate of \$7650, effective January 16, 1972. Funds available from Unallocated Faculty Salaries. (RBC #176)

Department of Industrial Engineering

25. Cancel budgeted position of Professor with academic rate of \$18,500, 9 months, effective September 1, 1971. Position not filled. (RBC #169)

26. Appoint David L. Ford as Assistant Professor, part-time (50%) with stipend of \$3375, academic rate of \$13,500, 9 months, effective January 16, 1972. Funds available from Unallocated Faculty Salaries. (RBC #180)

SERVICE DEPARTMENTS AND REVOLVING FUNDS

Computer Special Account

27. Transfer of Funds:

From:	Maintenance and Operation	\$800.
To:	Travel	\$800.
For:	Funds needed in Travel in order for staff members to attend various meetings of organizations relating to computer use.	

(RBC #154)

AUXILIARY ENTERPRISES

Student Activities-Soccer Club

28. Transfer of Funds:

From:	40-120 Student Activity Fee- Unallocated	\$400.
To:	40-334 Student Activities- Soccer Club	
	Travel	\$100.
	Maintenance and Operation	\$300.
For:	To provide funds for participation in Texas Collegiate Soccer League.	

(RBC #172)

Student Congress

29. Transfer of Funds:

From:	40-120 Unallocated Student Activity Fees	\$2000.
To:	40-337 Student Congress	
	Maintenance and Operation	\$2000.
For:	To provide additional funds for Constituent Council projects to be expended under the supervision of the Student Congress Executive Committee. Budgets for the Student Constituent Councils were not submitted in adequate time to be included in the original operating budget for the fiscal year.	

(RBC #162)

GRANTS AND CONTRACTS

Department Public Welfare-Inter Agency Contract

30. Appoint Eddy L. Herrera as Assistant Professor with academic rate of \$9,000, 9 months, effective September 1, 1971 - May 31, 1972 at 70% of time with stipend of \$6300, and June 1, 1972 - August 31, 1972 at 70% of time with stipend of \$2100. Funds available within account. (RBC #178)

RESTRICTED FUNDS

School of Social Work

31. Appoint Dorothy N. Roberts, Assistant Professor, part-time (60%) for the period September 1, 1971 - May 31, 1972 with stipend of \$5373, and for the

period June 1, 1972 - August 31, 1972, 60% with stipend of \$1791. Academic rate of \$8955. Funds are available within account. (RBC #153)

Very truly yours,

A handwritten signature in cursive script that reads "Frank Harrison".

Frank Harrison
President

THE UNIVERSITY OF TEXAS AT DALLAS

Office of the President

February 4, 1972

Chancellor Charles A. LeMaistre
The University of Texas System
Austin, Texas

Dear Chancellor LeMaistre:

The following docket for The University of Texas at Dallas is submitted for your approval and submission to the Board of Regents at its meeting in Austin, Texas on February 4, 1972:

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, fiscal officers, and the Director of Research Support.

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. D x A

CONTRACTS AND GRANTS (Federal):

1. Grant NGR 44-004-121 by which the National Aeronautics and Space Administration provides \$70,000 for the period November 1, 1971 through October 31, 1972 for research entitled "Specific Problems in Cosmic Ray Research Soluble Through Use of the Pioneer 6-9 Spacecraft" under the direction of Dr. Kenneth G. McCracken, Visiting Professor, Division of Atmospheric and Space Sciences.
2. Modification No. 14 to Contract NAS 5-9112 by which the National Aeronautics and Space Administration, Goddard Space Flight Center, authorized the acquisition of Government Surplus Property for research entitled "Soft Particle spectrometer for the ISIS-A Satellite" under the direction of Dr. Walter J. Heikkila, Professor, Division of Atmospheric and Space Sciences.
3. Modification No. 33 to Contract NAS 2-3332 by which the National Aeronautics and Space Administration, Ames Research Center, provides an increase to the total estimated cost by \$8,934.67 from \$1,447,470 to \$1,456,404.67 which is a result of the negotiated overhead agreement for research which is entitled "Measurement of the Degree of Anisotropy of the Solar and Galactic Cosmic Radiation Using the Pioneer Spacecraft" under the direction of Dr. Kenneth G. McCracken, Visiting Professor, Division of Atmospheric and Space Sciences.
4. Modification No. 7 to Contract NAS 2-4674 by which the National Aeronautics and Space Administration, provides an increase of \$2,779.96 in the estimated cost of the contract from \$244,000 to \$246,779.96 to provide for the negotiated overhead rates for the years 1968, 1969, 1970, and 1971 for research entitled "For Processing and Interpretation of Data for Pioneer C" under the direction of Dr. Robert P. Bukata, Assistant Professor, Division of Atmospheric and Space Sciences.

5. Modification No. 18 to Contract NAS 5-9075 by which the National Aeronautics and Space Administration, Goddard Space Flight Center, provides an increase in the estimated cost by \$29,000 from \$876,046 to \$905,046 and extends the period of performance to June 30, 1972 for research entitled "Measurement of the Degree of Anisotropy of the Cosmic Radiation Using the IMP Space Vehicle" under the direction of Dr. Kenneth G. McCracken, Visiting Professor, Division of Atmospheric and Space Sciences.
6. Modification No. 15S to Contract NAS 9-10410 by which the National Aeronautics and Space Administration, Manned Spacecraft Center, updates administrative data in several provisions of the contract and restates the original period of performance for research entitled "Mass Spectrometers for Apollos 15 and 16" under the direction of Dr. John H. Hoffman, Associate Professor, Division of Atmospheric and Space Sciences.
7. Supplement No. 7 to Grant NGR 44-004-030 by which the National Aeronautics and Space Administration provides \$25,000 for the period September 1, 1971 through August 31, 1972 for research entitled "Laboratory Plasma Probe Studies" under the direction of Dr. W. J. Heikkila, Professor, Division of Atmospheric and Space Sciences.
8. Amendment No. 11 to Subcontract SC-830 under the National Aeronautics and Space Administration, Manned Spacecraft Center, Prime Contract NAS 9-5829 by which the Bendix Corporation, Aerospace Systems Division, provides an increase in the allotted funds by \$183,000 from \$1,245,000 to \$1,428,000 for the period through November 30, 1971 for research entitled "Lunar Atmospheric Explorer Planar Ion Trap Experiment" under the direction of Dr. John H. Hoffman, Associate Professor, Division of Atmospheric and Space Sciences.
9. Modification No. P00006 to the basic contract N00014-67-A-0310 by which the Office of Naval Research modifies the contract to include the statement of Stabilization of Prices, Rents, Wages, and Salaries, under Executive Order 11615.
10. Modification No. 08 to Contract N00014-67-A-0310-0001 by which the Office of Naval Research provides an increase in the total estimated cost of the contract by \$25,000 bringing the total estimated cost to \$152,512 and extends the period of performance to September 30, 1972 for research entitled "Unified Geophysical Study of Seismic and Electrical Properties of the Crust of the United States" under the direction of Dr. Mark Landisman, Professor, Division of Geosciences.
11. Amendment No. 1 to Grant GA-25683 by which the National Science Foundation provides \$159,300 for the period January 1, 1972 through June 30, 1973 for research entitled "Multi-Disciplinary Studies of Stable and Tectonically Active Regions of the Crust and Upper Mantle in the United States" under the direction of Dr. Mark Landisman, Professor, Division of Geosciences.
12. Amendment No. 1 to Grant GU-4020 by which the National Science Foundation provides \$54,669 for the period December 1, 1971 until funds are expended for an "Institutional Grant for Science" under the direction of Dr. Bryce Jordan, President. This increases the total funds awarded under this grant to \$101,792.
13. Grant GA-15999 by which the National Science Foundation provides an additional \$80,000 for the period November 1, 1971 through April 30, 1974 for research entitled "Paleomagnetic Studies on Stratigraphic Sequences of Paleozoic and Mesozoic Ages from the Western U.S." under the direction of Dr. Charles E. Helsley, Professor, Division of Geosciences. This brings the total funds awarded to \$160,000 for the period October 1, 1969 through April 30, 1974.

14. Grant 5 R01 GM16212-05 by which the Department of Health, Education and Welfare, National Institute of General Medical Sciences, provides \$41,952 in direct costs for the period January 1, 1972 through December 31, 1972 for research entitled "The Transfer of Biological Information" under the direction of Dr. D. James McCorquodale, Professor, Division of Biology.

GIFTS TO THE UNIVERSITY OF TEXAS AT DALLAS

The following gifts in excess of \$5,000 have been received at The University of Texas at Dallas. I recommend acceptance and that the thanks and appreciation of the Board be sent the donors by the Secretary.

<u>DONOR</u>	<u>PURPOSE AND CONDITIONS</u>	<u>AMOUNT</u>
Mr. Willis E. Rector Petroleum Geologist 1329 Fort Worth National Bank Building Fort Worth, Texas 76102	Well logs, completion cards and film positives of well logs for Geological Information Library of Dallas	\$12,321.25
Mr. William A. Huckaba Petroleum Consultant 1124 Metropolitan Federal Savings Building 1407 Main Street Dallas, Texas 75202	Well logs for Geological Information Library of Dallas	\$17,058.75
Mr. John A. Jackson, Geologist Katie Petroleum Company 6019 Berkshire Lane Dallas, Texas 75225	Well logs, books, journals and one map for Geological Information Library of Dallas	\$ 8,247.15
Mr. Aubrey Faries, Executor Estate of A. A. Cameron D/B/A Cameron Oil Company 1100 Kermac Building Oklahoma City, Oklahoma 73102	Well logs, well completion cards and furniture for Geological Information Library of Dallas	\$21,200.00
Sun Oil Company (Delaware) Meadow Park Building P.O. Box 2880 Dallas, Texas 75221 Attn: Mr. Robert L. Connell Regional Manager Administrative Services	Sample logs, drillers' logs, electric logs, mud logs and core graphs, elevation plats, scout tickets and yearbooks, other exploratory and pro- duction data described in detail in an appraisal and report of the American Appraisal Company for Geological Information Library of Dallas	\$469,000.00

RECOMMENDED AMENDMENTS TO THE 1970-71 BUDGET

1. Transfer of Funds

Amount of Transfer - \$54,490

From: Various Accounts (detailed below)	\$ 23,768
Unallocated Appropriations	30,722

To: Various Accounts	\$ 54,490
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For: To close departmental balances as of August 31, 1971

Source of Funds

Purchasing & Receiving - M&O	\$ 12	
Office Services - Classified Salaries	158	
DASS Division Adm. - Classified Salaries	613	
DASS Organized Research - Computer Services	583	
Geosciences Division Adm. - A&P Salaries	7,012	
Geosciences Organized Research - Classified Salaries	2,958	
Library - Classified Salaries	1,142	
Library - Computer Services	435	
Physical Plant - Wages	10,450	
Computer Sciences - Classified Salaries	405	
		\$ 23,768
Unallocated		30,722
Total Source of Funds		<u>\$ 54,490</u>

Application of Funds

Office of the President - A&P Salaries	\$ 1,308
Classified Salaries	1,761
Travel	1,049
Office of the VP Business Affairs - M&O	2,501
Travel	205
Purchasing & Receiving - Travel	12
Office Services - Travel	158
Conferences, Lectures, & Seminars - M&O	1,968
Travel	1,236
Workman's Compensation - M&O	1,600
DASS Instructional Activities - Computer Services	1,196
Geosciences Division Adm. - Equipment	7,012
Geosciences Organized Research - M&O	1,858
Travel	1,100
Chemistry Division Adm. - M&O	1,557
Equipment	10,000
Computer Sciences - Equipment	1,788
Travel	186

RECOMMENDED AMENDMENTS TO THE 1970-71 BUDGET (continued)Application of Funds (continued)

Library - Books	\$ 1,142	
M&O	102	
Travel	333	
Physical Plant - M&O	<u>16,418</u>	
Total Source of Funds (RBC #D188)		<u>\$ 54,490</u>

RECOMMENDED AMENDMENTS TO THE 1971-72 BUDGET

The following amendments to the 1971-72 budget are written on the basis of "budget rates" rather than the "freeze rates" resulting from the President's Executive Order. For the duration of the wage-price freeze, while reported amendments to the budget are based on budget rates, all payrolls are processed in compliance with the rules, regulations, and guidelines issued under authority of the Executive Order. Source of funds for payment of salaries, unless otherwise indicated, is the departmental salaries account.

RESIDENT INSTRUCTIONBiology

- Transfer of Funds
Amount of Transfer \$2,000

From: Biology - Faculty Salaries	\$ 2,000
To: Biology - Travel	\$ 2,000

To provide additional funds for expenses to be incurred in the development of instructional departments. (RBC #D22)

ORGANIZED RESEARCHGeosciences Organized Research

- Appoint Alexander Guterch, Visiting Fellow, at an annual salary rate of \$6,500 effective November 11, 1971. Source of funds for this appointment: Geosciences Faculty Salaries. (RBC #D24)

CONTRACTS & GRANTSBiology Contracts & Grants

- Appoint Carla W. Gray as Research Associate at an annual rate of \$8,500 effective September 1, 1971. (RBC #D2)
- Grant a leave of absence without pay to Helga Harm, Research Associate, (annual rate of \$10,400) for the period September 1, 1971 through December 31, 1971. (RBC #D7)
- Resign Alummoottil J. Varghese, Visiting Assistant Professor, at an academic rate of \$8,250, effective October 8, 1971. (RBC #D19)

RECOMMENDED AMENDMENTS TO THE 1971-72 BUDGET (continued)Mathematics & Mathematical Physics Contracts & Grants

6. Appoint Beatrice M. Tinsley as Visiting Scientist at an annual salary rate of \$15,000 at 50% time effective September 1, 1971. (RBC #D26)
7. Grant a leave of absence without pay to Beatrice M. Tinsley, Visiting Scientist, at an annual salary rate of \$15,000, for the period January 1, 1972 through March 31, 1972. (RBC #D26)

Sincerely yours,



Bryce Jordan
President

THE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL SCHOOL AT DALLAS
5323 Harry Hines Boulevard, Dallas, Texas 75235

January 3, 1972

Dr. Charles A. LeMaistre
Chancellor
The University of Texas System
Austin, Texas 78712

Dear Dr. LeMaistre:

The following docket for The University of Texas Southwestern Medical School at Dallas is submitted for your approval and presentation to the Board of Regents at its next meeting in Austin on February 4, 1972.

TRAVEL PERMITS. Approval is requested for the following travel:

1. Raphael K. Graham, Patrolman, University Police Department to travel to Austin, Texas for police training session for the period from October 18, 1971 through December 22, 1971. Expenses will be paid by the University Police.

2. Kenneth C. Haltalin, Assistant Professor of Pediatrics, to travel to Saigon, South Vietnam for his tour of duty with AMA Education Project for the period from January 6, 1972 through March 14, 1972. Expenses will be paid by the AMA.

ADDITIONAL CLASSIFICATIONS FOR THE 1971-1972 PAY PLAN. Approval is requested for the following:

Code	Title	Pay Range	
		Monthly	Annual
1220	Chief Physical Therapist	\$ 835-1050	\$10,020-12,600
1230	Chief Occupational Therapist	835-1050	10,020-12,600
5037	Electrical Engineer	1150-1475	13,800-17,700
6215	Building Services Supervisor	592-740	7,104-8,880
9170	Accounting Clerk III	539-710	6,468-8,520

GIFTS OF \$5,000 OR MORE. It is recommended the following gifts be approved and that the appreciation of the Board of Regents be sent to the donor:

Donor	Purpose and Condition	Amount
1. *Judge Gambill, Independent Executor Charles R. Mathes Estate 2108 Continental Life Building Fort Worth, Texas 76102	Liver Research	\$ 5,500.00
2. Southwestern Medical Foundation 333 Medical Arts Building Dallas, Texas 75201	Human Growth & Development Program	26,000.00
3. Southwestern Medical Foundation 333 Medical Arts Building Dallas, Texas 75201	Phase I Construction Program	500,000.00
4. Merck, Sharp & Dohme Research Laboratories Rahway, New Jersey 07065	Research on Renal Stones	10,000.00

GIFTS OF \$5,000 OR MORE. - continued

4193

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|--|-------------------------------------|--------------|
| 5. Southwestern Medical Foundation
333 Medical Arts Building
Dallas, Texas 75201 | Purchase of Equipment | \$ 52,000.00 |
| 6. The Jonsson Foundation
3300 Republic Bank Tower
Dallas, Texas 75201 | Family Planning Program | 10,000.00 |
| 7. The Heddens-Good Foundation
10 Plateau Circle
Bronxville, New York | Cardiovascular & Cancer
Research | 8,500.00 |
| 8. Hoblitzelle Foundation
2522 Republic Bank Building
Dallas, Texas 75201 | Family Planning Program | 10,000.00 |

*No original letter from donor.

GRANTS (NON-GOVERNMENTAL). Approval of the following grants is requested and it is recommended that the appreciation of the Board of Regents be sent to the donors:

1. Grant 747H whereby the Damon Runyon Memorial Fund for Cancer Research, Inc., Dorothy C. Moore, Executive Director, 33 West 56th Street, New York, New York 10019, provides \$23,700 for Studies of Feedback Control in Normal and Malignant Tissues for the period from September 1, 1971 through August 31, 1972. This is directed by Dr. Marvin D. Siperstein, Professor of Internal Medicine.

2. Grant whereby Hoffman-LaRoche Foundation, Box 278, Nutley, New Jersey 07110, provides \$5,000 for a Clinical Pharmacology Program. This is directed by Dr. William A. Pettinger, Associate Professor of Internal Medicine and Pharmacology.

3. Grant No. 224/4763C/09 whereby Eli Lilly and Company, The Lilly Research Laboratories, Indianapolis, Indiana 46206, provides \$11,825 for research on Clinical Pharmacologic Studies of Tobramycin in Infants. This is directed by Dr. George H. McCracken, Professor of Pediatrics.

4. Grant whereby Beecham-Massengill Pharmaceuticals, 65 Industrial South, Clifton, New Jersey 07012, provides \$14,400 for research on BRL 2333. This is directed by Dr. John D. Nelson, Professor of Pediatrics.

5. Grant whereby Westwood Pharmaceuticals, Inc., 468 Dewitt Street, Buffalo, New York 14213, provides \$1,350 for a Visiting Lectureship Program for the Division of Dermatology. This will be directed by Dr. James H. Herndon, Jr., M. B. Shelmire Assistant Professor of Dermatology.

6. Grant whereby Abbott Laboratories, 14th and Sheridan Road, North Chicago, Illinois 60064 provides \$3,822.50 for research on Double Blind, Parallel Design, Comparing Abbott-35616 with Placebo. This is directed by Dr. P. J. LaRuffa, Assistant Professor of Pediatrics.

7. Grant whereby Ethicon, Inc., Somerville, New Jersey 08876, provides \$1,440 for research on Evaluation of XLG Polyester Suture. This is directed by Dr. Ronald C. Jones, Associate Professor of Surgery.

8. Grant whereby Parke, Davis & Company, Detroit, Michigan 48232, provides \$9,480 for research on A Study of Radioisotope Labeled Antispeudomonas Hyperimmune Gamma Globulin in Burn Patients. This will be directed by Dr. Charles R. Baxter, Professor of Surgery.

9. The John and Mary R. Markle Foundation, 50 Rockefeller Plaza, New York, New York 10020, provides \$18,000 payable \$6,000 each year for the Markle Scholar Fund for Dr. J. Wayne Streilein, Professor of Cell Biology and Associate Professor of Internal Medicine.

GRANTS (NON-GOVERNMENTAL). - continued

10. Grant whereby The Arthritis Foundation, 1212 Avenue of the Americas, New York, New York 10036, provides \$8,500 for a Fellowship for Dr. Moshe Rosenthal to begin December 31, 1971. This is directed by Dr. Morris Ziff, Professor of Internal Medicine.

11. Grant whereby the Dallas Child Guidance Clinic, 2101 Welborn, Dallas, Texas 75219, provides \$7,200 for UTSMS to provide two students to rotate through the Child Guidance Center for the period from September 1, 1971 through August 31, 1972. This is directed by Dr. Maurice Korman, Professor and Chairman of Psychology.

12. Grant whereby The Arthritis Foundation, 1212 Avenue of the Americas, New York, New York 10036, provides \$500 for a Postdoctoral Fellowship Supply Allowance for the period from December 1, 1971 through November 30, 1972. This is for Dr. Hugo Jasin, Associate Professor of Internal Medicine.

13. Grant whereby The Arthritis Foundation, 1212 Avenue of the Americas, New York, New York 10036, provides \$500 for a Postdoctoral Fellowship Supply Allowance for the period from March 1, 1972 through February 28, 1973. This is for Dr. Moshe Rosenthal of the Department of Internal Medicine.

14. Grant whereby The Arthritis Foundation, 1212 Avenue of the Americas, New York, New York 10036, provides \$500 for a Postdoctoral Fellowship Supply Allowance for the period from December 1, 1971 through November 30, 1972. This is for Dr. Robert L. Johnson, Assistant Professor of Internal Medicine.

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

1. Project No. 12 HS 248 whereby the Department of Health, Education and Welfare, Public Health Service, Maternal and Child Health Service, provides a budget change within categories, without additional funds for the period from July 1, 1971 through June 30, 1972. This is directed by Dr. Heinz F. Eichenwald, Professor and Chairman of Pediatrics.

2. Grant NGR 44-012-151 whereby the National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California 94035, provides an extension of the Expiration date to December 15, 1971 with no increase in funds. This is directed by Dr. C. Gunnar Blomqvist, Assistant Professor of Internal Medicine and Physiology.

3. Contract No. DADA17-69-C-9096, Modification No. P205 whereby the Headquarters, U. S. Army Medical Research and Development Command, Washington, D. C. 20314, modifies the contract to fix the overhead rate for the period September 1, 1969 through December 31, 1970 at 67.1% of direct salaries and wages including vacation, holiday and sick pay, but excluding other fringe benefits.

4. Research Grant 5 R01 AM 13757-15 whereby the National Institute of Arthritis and Metabolic Diseases, Public Health Service, provides direct costs in the amount of \$54,162 plus applicable indirect costs for research on Splanchnic Hemodynamics and Splanchnic Metabolism for the period from December 1, 1971 through November 30, 1972. This is directed by Dr. Burton Combes, Professor of Internal Medicine.

5. Award 1 7 53 9014 03 1 whereby the Public Health Service, Bureau of Health Manpower Education provides \$6,825 additional funds for the Health Professions Scholarship and Health Professions Student Loan Programs for the period from July 1, 1971 through June 30, 1972. This is directed by Dr. Bryan Williams, Associate Dean for Student Affairs.

6. Agreement No. DABE 34-72-A-0383 whereby the Department of the Army, Contracting Officer, Procurement Division, DIO, Building No. 4004, Fort Sam Houston, Texas 78234 provides \$1,390 for the enrollment of United States Government Personnel for a course of study in medicine for the 1971-1972 academic year. This is directed by Dr. Charles C. Sprague, Dean.

CONTRACTS AND GRANTS (FEDERAL) - continued

7. Research Grant 5 R01 AM 03612-13 whereby the National Institute of Arthritis and Metabolic Diseases, Public Health Service, provides direct costs in the amount of \$43,858 plus applicable indirect cost for research on Thyroid Function and Iodine Metabolism for the period from December 1, 1971 through November 30, 1972. This is directed by Dr. Alvin M. Taurog, Professor of Pharmacology.
8. Research Grant 5 R22 AI 10066-02 whereby the National Institute of Allergy and Infectious Diseases, Public Health Service, provides direct costs in the amount of \$16,635 plus applicable indirect costs for research on Escherichia Coli Diarrheagenic Enterotoxin for the period from January 1, 1972 through December 31, 1972. This is directed by Dr. Richard A. Finkelstein, Associate Professor of Microbiology.
9. Contract F41612-72-M-1483 whereby the United States Air Force, Sheppard Air Force Base, Texas 76311, provides \$1,375 for Instructional Non-Personal Services in Physician Assistant Course to Instruct in Course Block of Pharmacology for the period from October 6, 1971 through March 31, 1972. This will be directed by Dr. Wesley G. Clark, Assistant Professor of Pharmacology.
10. Development Award 5 KO3 HE 08097-05 whereby the National Heart and Lung Institute, Public Health Service, provides \$27,505 for a Research Career Program entitled Dimensional Analysis of Left Ventricular Function for the period from January 1, 1972 through December 31, 1972. This is for Dr. Jere H. Mitchell, Professor of Internal Medicine and sponsored by Dr. Donald W. Seldin, Professor and Chairman of Internal Medicine.
11. Career Award 4 KO6 AM 14155-11 whereby the National Institute of Arthritis and Metabolic Diseases, Public Health Service, provides \$27,505 for a Research Career Program entitled Clinical and Basic Immunology for the period from January 1, 1972 through December 31, 1972. This is for Dr. Morris Ziff, Professor of Internal Medicine and sponsored by Dr. Donald W. Seldin, Professor and Chairman of Internal Medicine.
12. Grant 55 P 30012/6-01 whereby the Department of Health, Education and Welfare, Social and Rehabilitation Service, Bethesda, Maryland 20014, extends this grant through June 30, 1972 without additional funds. This is directed by Dr. Donald A. Pool, Chairman of the Department of Rehabilitation Science.
13. Grant 44 P 30134/6-01 whereby the Department of Health, Education and Welfare, Social and Rehabilitation Service, Bethesda, Maryland 20014, extends this grant through March 31, 1972 without additional funds. This is directed by Dr. Donald A. Pool, Chairman of the Department of Rehabilitation Science.
14. Project No. 06-H-000,079-05-0, Revision No. 1 whereby the Department of Health, Education and Welfare, Regional Office, 1114 Commerce Street, Dallas, Texas 75202 approves Budget Revision No. 1 of the Children and Yough Project for the period from April 1, 1971 through March 31, 1972. This is directed by Dr. Heinz Eichenwald, Professor and Chairman of Pediatrics.

CONTRACTS AND AGREEMENTS (OTHER). Approval is requested for the following:

1. As cited in Regents' Rules & Regulations, Part Two, Chapter IV, Section 6, approval is requested for a Lease Agreement whereby The University of Texas Southwestern Medical School at Dallas leases from 2600 Stemmons Freeway Company, 611 Stemmons Tower South, Dallas, Texas 75207, approximately 2800 sq. ft. being known as Suite 162, in Building II for a three year period commencing January 1, 1972 through December 31, 1974 in the amount of \$1,225 per month.

AMENDMENTS TO 1971-1972 BUDGET. Approval is requested for the following. The following amendments to the 1971-72 budget are written on the basis of "budget rates" rather than the "freeze rates" resulting from the President's Executive Order. For the duration of the wage-price freeze, while reported amendments to the budget are based on budget rates, all payrolls are processed in compliance with the rules, regulations, and guidelines issued under authority of the Executive Order.

Office of the Dean

1. Change the status of Edward B. Montgomery, effective September 1, 1971, from Director of Florence Bioinformation Center and University Professor and University Consultant of Information Science, to Special Assistant to the Dean and University Professor and University Consultant of Information Science, with no change in salary. Mr. Montgomery is budgeted at an annual salary rate of \$33,000 payable from Bioinformation Administration budget. (RBC No. 106)

2. Transfer funds in the amount of \$10,000 from Unallocated Maintenance and Operation, account No. [REDACTED], to Office of the Dean - Restricted, account No. [REDACTED] (RBC No. 131)

3. Transfer funds in the amount of \$5,000 from Unallocated Maintenance and Operation, account No. [REDACTED], to Office of the Dean - Restricted, account No. 200108. (RBC No. 129)

Anesthesiology

4. Change the status and increase the annual salary rate of Fazleali Y. Dalal, effective October 1, 1971, from Assistant Professor of Anesthesiology at an annual salary rate of \$18,000 payable from Veterans Administration Hospital Contract, to Special Assistant to the Chairman for the Veterans Administration Hospital Anesthesiology Program & Assistant Professor of Anesthesiology, at an annual salary rate of \$25,000 payable from Veterans Administration Hospital Contract. (RBC No. 66)

Biochemistry

5. Change the status of Michael R. Franklin, effective October 1, 1971, from Instructor, at an annual salary rate of \$12,000 payable from USPHS 5 P11 GM [REDACTED], to Research Assistant Professor, at an annual salary rate of \$14,000 payable from USPHS 5 P11 GM 16448. (RBC No. 95)

Biophysics

6. Appoint Clair Woodrow Goldsmith, Instructor in Biophysics, effective October 1, 1971, at an annual salary rate of \$13,800 payable from USPHS 1 P17 HE 14187-01. (RBC No. 108)

7. Change the status and source of salary of Joan S. Reisch, effective October 1, 1971, from Instructor in Biostatistics and School of Allied Health Professions, at an annual salary rate of \$14,800 payable as follows: \$14,000 from Scientific Computer System and \$800 from School of Allied Health Professions, to Instructor in Biostatistics, Biophysics and School of Allied Health Professions, at an annual salary rate of \$14,800 payable as follows: \$14,000 from Department of Biophysics budget and \$800 from Allied Health Professions. (RBC No. 115)

Cell Biology

8. Transfer funds in the amount of \$3,873.35 from Unallocated Faculty Salaries, account No. [REDACTED], to Cell Biology Classified Salaries, account No. [REDACTED] to create the position of Animal Attendant I, and appoint to this position Ricky L. Lynch, Animal Attendant I, effective September 29, 1971, at an annual salary rate of \$4,200 payable from Cell Biology budget. (RBC No. 107)

9. Transfer funds in the amount of \$6,416.63 from Unallocated Faculty Salaries, account No. 207001, to Cell Biology Teaching Salaries, account No. 204000, and appoint Mary Jo Harrod, Instructor, effective October 1, 1971, at an annual salary rate of \$7,000 payable from Cell Biology budget. (RBC No. 113)

AMENDMENTS TO 1971-1972 BUDGET. - continuedInternal Medicine

10. Change the source of salary of John M. Dietsch, Professor, effective November 1, 1971, from an annual salary rate of \$32,000 payable as follows: \$12,000 from Internal Medicine budget, \$9,000 from USPHS 5 T01 AM 05490 and \$11,000 from USPHS 5 R01 HE 09610, to \$10,000 from Internal Medicine budget, \$9,000 from USPHS 5 T01 AM 05490 and \$13,000 from USPHS 5 R01 HE 09610. (RBC No. 135)
11. Change the beginning date for Sami Said, Professor, from September 1, 1971, to October 4, 1971. Dr. Said is budgeted at an annual salary of \$477 payable from Internal Medicine budget. Dr. Said also receives \$31,523 directly from Veterans Administration Hospital. (RBC No. 121)
12. Reduce the annual salary rate of Hugo E. Jasin, Associate Professor, effective October 1, 1971, from an annual salary rate of \$28,000 payable as follows: \$9,000 from Arthritis Foundation Fellowship, \$8,300 from Internal Medicine budget, \$2,200 from North Texas Chapter Arthritis Foundation, \$500 from USPHS 5 R01 AM 09989 and \$8,000 from USPHS 5 T01 AM 05154, to an annual salary rate of \$27,000 payable as follows: \$9,000 from Arthritis Foundation Fellowship, \$8,300 from Internal Medicine budget, \$1,200 from North Texas Chapter Arthritis Foundation, \$500 from USPHS 5 R01 AM 09989 and \$8,000 from USPHS 5 T01 AM 05154. (RBC No. 126)
13. Change the source of salary of James Willerson, effective December 1, 1971, from an annual salary rate of \$21,000 payable as follows: \$14,667 from Internal Medicine budget and \$6,333 from USPHS 5 P01 HE 06296, to \$8,000 from Internal Medicine budget and \$13,000 from USPHS 5 P01 HE 06296. (RBC No. 133)
14. Appoint Ronald H. Underwood, Instructor, effective November 1, 1971, at an annual salary rate of \$14,000 payable from Methodist Hospital. (RBC No. 122)

Ophthalmology

15. Appoint Peter R. Bringewald, Instructor, 30%, at an annual salary of \$6,000 payable from Ophthalmology budget effective October 1, 1971. (RBC# 134)

Pediatrics

16. Appoint Jorge E. Howard, Sr., Professor of Pediatrics, effective October 15, 1971, at an annual salary rate of \$25,000 payable from William Buchanan Fund. (RBC No. 123)
17. Change the source of salary of Chester W. Fink, Professor, for the period November 14, 1971 through December 19, 1971, from an annual salary rate of \$29,000 payable from Pediatrics budget, to \$29,000 from American Medical Association Contract. (RBC No. 138)
18. Change the status of Raleigh J. Huizinga, effective November 1, 1971, from Assistant Professor of Pediatrics, to Assistant Professor of Pediatrics and Psychology, with no change in salary. Dr. Huizinga is budgeted at an annual salary rate of \$18,000 payable from the Jonsson Foundation. (RBC No. 127)

Physical Medicine and Rehabilitation

19. Change the source of salary of Nancy Preston, Instructor in Vocational Rehabilitation and School of Allied Health Professions, effective October 1, 1971, from an annual salary rate of \$10,300 payable as follows: \$7,400 from Physical Medicine and Rehabilitation budget, \$2,100 from SRS 44 P 30064-06-07 and \$800 from School of Allied Health Professions, to \$8,200 from Physical Medicine and Rehabilitation budget, \$1,300 from SRS 44 P 30064-06-07 and \$800 from School of Allied Health Professions. (RBC No. 111)

AMENDMENTS TO 1971-1972 BUDGET. - continuedPhysiology

20. Change the source and correct the annual salary rate of Gordon H. Templeton, Assistant Professor, effective September 1, 1971, from an annual salary rate of \$14,600 payable as follows: \$2,000 from Physiology budget, \$2,000 from Dallas Heart Association and \$10,600 from USPHS - Direct, to \$16,000 payable as follows: \$2,000 from Physiology budget, \$3,000 from USPHS 5 E03 PE 00174 and \$11,000 from USPHS - Direct. (RBC No. 128)

21. Transfer funds in the amount of \$2,250 from Unallocated Faculty Salaries, account No. 207000, to Physiology Teaching Salaries, account No. 206000, and change the source of salary of Gordon H. Templeton, Assistant Professor, effective December 1, 1971, from an annual salary of \$5,000 payable as follows: \$2,000 from Physiology budget and \$3,000 from USPHS 5 E03 PE 00174, to \$5,000 from Physiology budget. Dr. Templeton also receives a direct NIH Fellowship in the amount of \$11,000. (RBC No. 139)

Psychiatry

22. Change the source of salary of Asa W. DeLoach, Professor and Interim Chairman, effective September 1, 1971, from an annual salary rate of \$36,000 payable from Psychiatry budget, to \$31,000 from Psychiatry budget and \$5,000 from Southwestern Medical Foundation. (RBC No. 125)

23. Change the status of Fred H. Davis, effective October 1, 1971, from Clinical Professor, approximately 8%, at an annual salary of \$3,000 payable from USPHS 5 T02 MH 05928-21, to Clinical Professor without salary. (RBC No. 114)

24. Accept the resignation of H. James Stuart, Associate Professor, effective September 30, 1971. Dr. Stuart is budgeted at an annual salary rate of \$27,700 payable as follows: \$26,500 from Psychiatry budget and \$1,200 from USPHS 5 T01 MH 06528. (RBC No. 109)

25. Accept the resignation of Larry R. Kimsey, Assistant Professor, effective October 8, 1971. Dr. Kimsey is budgeted at an annual salary rate of \$22,500 payable as follows: \$19,250 from Psychiatry budget and \$3,250 from USPHS 5 T02 MH 05928. (RBC No. 116)

Radiology

26. Transfer funds in the amount of \$3,840 from Unallocated Faculty Salaries, account No. 207000, to Radiology Teaching Salaries, account No. 206300, and change the source of salary of William J. Kilman, Assistant Professor, effective October 1, 1971, through December 31, 1971, from \$24,000 from Parkland Memorial Hospital Services, to \$8,640 from Parkland Memorial Hospital Services and \$15,360 from Radiology budget. (RBC No. 124)

Surgery

27. Change the status of Paul C. Peters, effective September 1, 1971, from Associate Professor of Urology at an annual salary rate of \$24,000 payable from Surgery budget, to Associate Professor and Chairman of Urology, at an annual salary rate of \$24,000 payable from Surgery budget. (RBC No. 110)

28. Change the source of salary of Roger Ecker, Associate Professor of Thoracic and Cardiovascular Surgery, effective November 1, 1971, from an annual salary rate of \$25,000 payable as follows: \$16,175 from Surgery budget and \$8,825 from Veterans Administration Hospital - Direct, to \$16,175 from Surgery budget and \$8,825 from Various Donors - Cardiac Research. (RBC No. 136)

29. Change the source of salary of Terry D. Allen, Associate Professor, effective October 1, 1971 from an annual salary rate of \$20,000 payable as follows: \$10,000 from Surgery budget and \$10,000 from Veterans Administration Hospital - Direct, to \$10,000 from Surgery budget and \$10,000 from Various Donors. (RBC No. 117)

30. Appoint James L. Nelson, Research Instructor, effective October 6, 1971, at an annual salary rate of \$5,000 payable from MSRDP. (RBC No. 120)

AMENDMENTS TO 1971-1972 BUDGET. - continuedMedical Art and Visual Education

31. Appoint William M. Winn, Assistant Professor, at an annual salary rate of \$14,000 payable as follows: For the period December 1, 1971 through June 30, 1972, \$10,258 from National Fund for Medical Education and \$3,715 from Medical Art and Visual Education budget, for the period July 1, 1972 through August 31, 1972, at an annual salary rate of \$14,000 payable from Medical Art and Visual Education budget. (RBC No. 137)

Animal Hospital Service Department

32. Transfer funds in the amount of \$16,800 from Balance Animal Hospital Service Dept. Equity Account, account No. 123910 to Animal Hospital Service Department - Equipment, account No. 190507. (RBC No. 87)

Scientific Computer System

33. Change the status of Lynn L. Peterson, effective October 1, 1971, from Computer Programmer III, at an annual salary rate of \$13,200 payable from Scientific Computer System, to Assistant Director of Scientific Computer System, at an annual salary rate of \$13,500 payable from Scientific Computer System budget. (RBC No. 112)

Special Projects

34. Transfer funds in the amount of \$2,400 from Unallocated Maintenance and Operation, account No. 207005, to Special Project - Modification of Parking Lot #7, account No. 231905. (RBC No. 130)

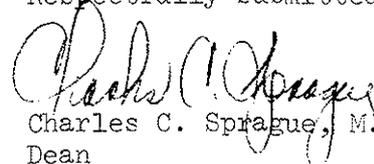
School of Allied Health Professions

35. Delete Norma Berry, Adjunct Instructor, 25%, from the budget, effective September 1, 1971. Mrs. Berry is budgeted at an annual salary of \$2,650 payable from School of Allied Health Professions, Nutrition and Dietetics budget. (RBC No. 118)

36. Transfer funds in the amount of \$2,960 from Unallocated Maintenance and Operation, account No. 207005, to School of Allied Health Professions, Maintenance and Operation, account No. 250005. (RBC No. 119)

37. Change the status of Joan V. Fawns, effective November 15, 1971 through May 31, 1972 from Instructor, 60%, at an annual salary of \$5,616 payable from School of Allied Health Professions - Nutrition and Dietetics, to Instructor, 100%, at an annual salary of \$9,360 payable from School of Allied Health Professions - Nutrition and Dietetics. (RBC No. 132)

Respectfully submitted,


Charles C. Sprague, M.D.,
Dean

THE UNIVERSITY OF TEXAS
MEDICAL SCHOOL AT SAN ANTONIO

January 4, 1972

Dr. Charles A. LeMaistre
Chancellor
The University of Texas System
Austin, Texas 78712

Dear Dr. LeMaistre:

The following docket for The University of Texas Medical School at San Antonio is submitted for your approval and presentation to the Board of Regents at its next meeting in Austin on February 4, 1972:

GIFTS: Acceptance is recommended for the following gifts which have been received by The University of Texas Medical School at San Antonio:

<u>Donor</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
1. *Mr. Charles C. Butt H. E. Butt Grocery Co. P. O. Box 9216 Corpus Christi, Texas	Support of the teaching and research activities of the Department of Physiology and Medicine	\$5,000
2. *Col. F. C. Hixon 341 Milam Building San Antonio, Texas 78205	Department of Physiology and Medicine in memory of Dr. Henry N. Leopold	\$5,000
3. Medical Research Foundation of Texas, Inc. Adams Petroleum Center Bldg. Houston, Texas 77025	General Research under direction of Institutional Research Grants Committee	\$5,000

*No letter of transmittal received from donor

GRANTS (NON-GOVERNMENTAL): Approval is requested for the following:

Hogg Foundation for Mental Health

1. Training Project
Development of a Mental Health Program
Dr. Robert Leon
October 1, 1971 - September 30, 1972
\$7,372

Clayton Foundation for Research

2. Research Grant
A Clinical Approach to Adverse Drug Reactions
Dr. Elliot Weser
November 1, 1971 - October 31, 1972
\$29,640

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

Department of Health, Education and Welfare

National Institute of Arthritis and Metabolic Diseases

Change in Grant Previously Approved:

1. Research Grant 5 RO1 AM 12950-03
Electron Microscopic Studies of Parietal Cells
Dr. William B. Winborn
Extension of time until April 30, 1972
No additional funds

Bureau of Health Manpower Education

2. Supplemental Award
Scholarship and Loan Program 1 7 53 9017 21 1
Health Professions Scholarship and Student Loan Program
Dr. F. C. Pannill
July 1, 1971 - June 30, 1972
Additional funds of \$7,372

National Institute of Mental Health

3. Research Grant 5 R01 MH19678-02
Study of Addiction Careers of San Antonio Addicts
Dr. James F. Maddux
January 1, 1972 - December 31, 1972
\$52,162

National Science Foundation

4. Research Grant GB-31580
Toxicity Bioassay for Water Pollutants
Dr. Ivan L. Cameron
November 15, 1971 - April 30, 1973
\$19,900

CONTRACTS AND AGREEMENTS (OTHER): Approval is requested for the following:

Bexar County Hospital District

Change in Contract Previously Approved:

1. Change the amount of BCHD Contract #5 ending December 31, 1971 from \$693,209.72 to \$692,359.72

THE UNIVERSITY OF TEXAS MEDICAL SCHOOL AT SAN ANTONIO CATALOGUE FOR 1971-72, REVISION OF DATE FOR COMMENCEMENT:

It is recommended that the date of Commencement Exercises for 1972 graduates be changed from June 5, 1972 to June 3, 1972.

RECOMMENDED AMENDMENTS TO THE 1971-72 BUDGET:

Some of the following amendments to the 1971-72 budget are written on the basis of "budget rates" rather than the "freeze rates" resulting from the President's Executive Order. For the duration of the wage-price freeze, while reported amendments to the budget are based on budget rates, all payrolls are processed in compliance with the rules, regulations, and guidelines issued under authority of the Executive Order.

Anesthesiology

1. Change the source of funds of Dr. Gordon O. Stafford, Instructor at an annual salary rate of \$16,000 from BCHD Contract #5 to Anesthesiology, Teaching Salaries effective November 1, 1971. Funds needed for this change to come from Unallocated Faculty Salaries. (RBC 63)
2. Change the source of funds of Dr. Barry F. Bass, Assistant Professor at an annual salary rate of \$17,500, from BCHD Contract #5 to Anesthesiology, Teaching Salaries effective December 1, 1971. Funds needed for this change to come from Unallocated Faculty Salaries. (RBC 88)

Medicine

3. Accept the resignation of Dr. Joseph W. Linhart, Associate Professor (T) at an annual salary rate of \$24,000 effective at the close of business October 21, 1971. Transfer unused Teaching Salaries in the amount of \$20,645.16 to Unallocated Faculty Salaries. (RBC 57)
4. Change the status of Dr. Robert C. Talley from Assistant Professor at an annual salary rate of \$22,000 (Source of funds presently are \$11,000 Medicine Teaching Salaries and \$11,000 paid direct by the American Heart Association) to Associate Professor (T) at an annual salary rate of \$23,500 (Source of funds to be \$12,500 Medicine Teaching Salaries and \$11,000 paid direct by the American Heart Association) effective December 1, 1971. (RBC 80)
5. Appoint Dr. Howard B. Garfinkel as Assistant Professor at an annual salary rate of \$19,000 effective July 1, 1972. Funds needed for this appointment to come from Unallocated Faculty Salaries. (RBC 93)
6. Appoint Dr. Horace P. Dansby as Fellow in Cardiology at an annual salary rate of \$9,900 effective July 1, 1972. Funds needed for this appointment to come from Freeman-Heart Association. (RBC 94)

Obstetrics and Gynecology

7. Change the effective appointment date of Dr. Barrie J. Hodgson, Instructor at an annual salary rate of \$12,000 from October 1, 1971 to November 1, 1971. Transfer unused Teaching Salaries in the amount of \$1,000 to Unallocated Faculty Salaries. (RBC 68)

Pathology

8. Change the source of funds of Mr. Abraham M. Gottlieb, Instructor at an annual salary rate of \$15,500, from BCHD Contract #5 to Pathology, Teaching Salaries effective November 1, 1971. Funds needed for this change to come from Unallocated Faculty Salaries. (RBC 62)
9. Change the source of funds of Dr. Thomas W. Huber, Instructor (80% time) at an annual salary rate of \$15,000, from BCHD Contract #5 to Pathology, Teaching Salaries effective December 1, 1971. Funds needed for this change to come from Unallocated Teaching Salaries. Dr. Huber is also paid as Instructor (20% time) from Microbiology Teaching Salaries. (RBC 86)
10. Change the source of funds of Mrs. Bertie F. Eiserloh, Instructor at an annual salary rate of \$11,000, from BCHD Contract #5 to Pathology, Teaching Salaries, effective December 1, 1971. Funds needed for this change to come from Unallocated Faculty Salaries. (RBC 87)
11. Reappoint Miss Elizabeth Ludolph as Instructor at an annual salary rate of \$10,500 effective December 1, 1971 through January 31, 1972. Funds for this reappointment to come from Cytopathology Laboratory. (RBC 90)
12. Appoint Dr. Daniel E. Thor as Associate Professor (without salary) effective December 1, 1971. Dr. Thor is paid as Associate Professor (T) at an annual salary rate of \$23,000 in the Department of Microbiology. (RBC 97)

Pharmacology

13. Accept the resignation of Dr. Thies Peters, Visiting Instructor at an annual salary rate of \$9,000, effective at the close of business November 30, 1971. Transfer unused Teaching Salaries in the amount of \$6,750 to Unallocated Faculty Salaries. (RBC 60)
14. Appoint Dr. Donald F. Peterson as Visiting Instructor at an annual salary rate of \$9,000 effective November 1, 1971. (RBC 69)
15. Appoint Dr. Prasad D.M.V. Turlapaty as Visiting Instructor at an annual salary rate of \$9,000 effective January 1, 1972. Funds needed for this appointment to come from Unallocated Faculty Salaries. (RBC 81)

16. Change the name of Dr. Sandra Smith, Assistant Professor (25% time) at an annual salary rate of \$19,000 to Dr. Sandra Sabatini effective December 1, 1971. (RBC 98)

Physical Medicine and Rehabilitation

17. Accept the resignation of Mr. Gerald M. Mussey, Coordinator - Rehabilitation Counsellor at an annual salary rate of \$13,000, effective at the close of business December 31, 1971. Mr. Mussey was paid from DHEW Grant 5 GO3 RM00007-04. (RBC 99)

Psychiatry

18. Change the source of funds of Dr. Gustavo M. Quesada, Assistant Professor at an annual salary rate of \$16,500, from DHEW Grant 5 TO2 MH11661-03 to DHEW Grant 1 RO1 MH20028-01 effective November 1, 1971 through December 31, 1971. (RBC 72)

19. Reappoint Dr. Gustavo M. Quesada as Assistant Professor (50% time) at an annual salary rate of \$16,500 effective January 1, 1972 through August 31, 1972. Source of funds is DHEW Grant 1 RO1 MH20028-01. Dr. Quesada will also be paid as Assistant Professor (50% time) from DHEW Grant 5 TO2 MH11661-03. (RBC 73)

20. Reappoint Dr. Gustavo M. Quesada as Assistant Professor (50% time) at an annual salary rate of \$16,500 effective January 1, 1972 through June 30, 1972. Funds to come from DHEW Grant 5 TO2 MH11661-03. Dr. Quesada will also be paid as Assistant Professor (50% time) from DHEW Grant 1 RO1 MH20028-01. (RBC 74)

21. Appoint Dr. Russell L. Adams as Assistant Professor (25% time) at an annual salary rate of \$17,000 effective November 1, 1971 through May 31, 1972. Funds to be paid from Bexar County MH/MR (Alcoholic Addiction). Dr. Adams is also paid as Assistant Professor (65% time) from BCHD Contract #5 and as Assistant Professor (10% time) from DHEW Grant 1 RO1 MH19678-01. (RBC 75)

22. Change the status of Dr. Russell L. Adams from Assistant Professor (70% time) to Assistant Professor (65% time) at an annual salary rate of \$17,000 effective November 1, 1971 through December 31, 1971. Source of funds is BCHD Contract #5. Dr. Adams is also paid as Assistant Professor (25% time) from Bexar County MH/MR (Alcoholic Addiction) and as Assistant Professor (10% time) from DHEW Grant 1 RO1 MH19678-01. (RBC 76)

23. Change the status of Dr. Lawrence S. Schoenfeld from Assistant Professor (100% time) to Assistant Professor (75% time) at an annual salary rate of \$17,000 effective November 1, 1971 through December 31, 1971. Dr. Schoenfeld is also paid as Assistant Professor (25% time) from Bexar County MH/MR (Alcoholic Addiction). (RBC 77)

24. Appoint Dr. Lawrence S. Schoenfeld as Assistant Professor (25% time) at an annual salary rate of \$17,000 effective November 1, 1971 through May 31, 1972. Funds to come from Bexar County MH/MR (Alcoholic Addiction). Dr. Schoenfeld is also paid as Assistant Professor (75% time) from BCHD Contract #5. (RBC 78)

25. Change the appointment dates of Dr. Lawrence S. Schoenfeld, Assistant Professor (25% time) at an annual salary rate of \$17,000 effective November 1, 1971 through May 31, 1972 to November 1, 1971 through March 31, 1972. Funds to come from Bexar County MH/MR (Alcoholic Addiction). Dr. Schoenfeld is also paid as Assistant Professor (75% time) from BCHD Contract #5. (RBC 83)

26. Change the appointment dates of Dr. Russell L. Adams, Assistant Professor (25% time) at an annual salary rate of \$17,000 effective November 1, 1971 through May 31, 1972 to November 1, 1971 through March 31, 1972. Funds to come from Bexar County MH/MR (Alcoholic Addiction). Dr. Adams is also paid as Assistant Professor (65% time) from BCHD Contract #5 and as Assistant Professor (10% time) from DHEW Grant 1 RO1 MH19678-01. (RBC 84)

27. Appoint Dr. Leonard E. Lawrence as Assistant Professor at an annual salary rate of \$25,000 effective July 1, 1972. Funds needed for this appointment to come from DHEW Grant 5 TO1 MH12651-02. (RBC 95)

28. Appoint Dr. Cervando Martinez, Jr. as Assistant Professor at an annual salary rate of \$22,500 effective August 1, 1972. Funds needed for this appointment to come from BCHD Contract #6. (RBC 96)

Radiology

29. Change the source of funds of Dr. Robert G. Waggener, Assistant Professor at an annual salary rate of \$19,000 from BCHD Contract #5 to Radiology, Teaching Salaries effective November 1, 1971. Funds needed for this change to come from Unallocated Faculty Salaries. (RBC 61)

30. Accept the resignation of Dr. Lee F. Rogers, Associate Professor (T) at an annual salary rate of \$21,500 effective at the close of business December 31, 1971. Transfer unused Teaching Salaries in the amount of \$14,333.36 to Unallocated Faculty Salaries. (RBC 66)

31. Change the source of funds of Dr. Jose L. H. Aunon, Instructor at an annual salary rate of \$18,000, from BCHD Contract #5 to Radiology, Teaching Salaries effective December 1, 1971. Funds needed for this change to come from Unallocated Faculty Salaries. (RBC 85)

Surgery

32. Appoint Dr. J. Kent Trinkle as Associate Professor (T) at an annual salary rate of \$23,000 effective February 1, 1972. Funds needed for this appointment to come from Unallocated Faculty Salaries. (RBC 91)

33. Appoint Dr. Frederick L. Grover as Assistant Professor at an annual salary rate of \$16,500 effective August 1, 1972. Funds needed for this appointment to come from Unallocated Faculty Salaries. (RBC 92)

Library

34. Appoint Mr. Warren E. Coffman as Assistant Instructor of Medical Communications and Coordinator of Extramural Services at an annual salary rate of \$11,000 effective October 18, 1971 through May 31, 1972. Funds needed for this appointment to come from DHEW Grant 1 G08 LM01262-01. (RBC 56)

35. Change the status of Mrs. Prudence Beckh from Senior Library Assistant at an annual salary rate of \$5,784 to Assistant Instructor of Medical Bibliography and Acting Catalog Librarian at an annual salary rate of \$8,500 effective October 1, 1971 through December 31, 1971. (RBC 59)

TRANSFER OF FUNDS:

1. Amount of Transfer: \$3,500.00

To:	Medical Communications Services Salaries	\$2,000.00
	Medical Communications Services, Wages	1,500.00
From:	Medical Communications Services, Volume	
	Variance - Unallocated	\$3,500.00
For:	To provide the necessary salaries and wages to meet the operational requirements of this department. (RBC-58)	

2. Amount of Transfer: \$1,250.00

To:	Psychiatry, Maintenance and Operation
From:	Unallocated Maintenance and Operation
For:	To provide the funds required for needed departmental operating expenses. (RBC 64)

- 1005
3. Amount of Transfer: \$2,318.00
 To: Scientific Computer Center, Equipment
 From: Bioengineering, Equipment
 For: To provide the funds necessary to purchase additional equipment required by this department to supplement its operational capabilities. (RBC 65)

 4. Amount of Transfer: \$10,000.00
 To: Obstetrics-Gynecology, Equipment
 From: Obstetrics-Gynecology, Teaching Salaries
 For: To provide the funds necessary for needed equipment purchases. (RBC 67)

 5. Amount of Transfer: \$2,728.56
 To: Obstetrics and Gynecology, Classified Salaries
 From: Unallocated Classified Salaries
 For: To provide the funds required for temporary technical assistance through the end of the fiscal year. (RBC 70)

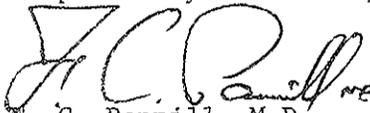
 6. Amount of Transfer: \$8,000.00
 To: Pediatrics, Equipment
 From: Unallocated Equipment
 For: To provide the funds required for needed equipment purchases. (RBC 71)

 7. Amount of Transfer: \$178,318.40
 To: Unallocated Faculty Salaries \$178,318.40
 From: Medicine, Teaching Salaries \$ 82,058.40
 Microbiology, Teaching Salaries 53,760.00
 Obstetrics-Gynecology, Teaching Salaries 4,200.00
 Pharmacology, Teaching Salaries 2,300.00
 Physiology, Teaching Salaries 36,000.00
 For: To lapse unfilled line-item faculty salaries to Unallocated Faculty Salaries. (RBC 79)

 8. Amount of Transfer: \$1,225.00
 To: Biochemistry, Wages
 From: Biochemistry, Maintenance and Operation
 For: To provide the necessary funds to pay hourly wages for temporary employment. (RBC 82)

 9. Amount of Transfer: \$6,120.00
 To: Pediatrics, Classified Salaries
 From: Unallocated Classified Salaries
 For: To provide the necessary funds required to permit the employment of additional technical personnel. (RBC 89)

Respectfully submitted,


 F. C. Pannill, M.D.
 Dean

THE UNIVERSITY OF TEXAS
DENTAL SCHOOL AT SAN ANTONIO

January 4, 1972

1206

Dr. Charles A. LeMaistre
Chancellor
The University of Texas System
Austin, Texas 78712

Dear Dr. LeMaistre:

The following docket for The University of Texas Dental School at San Antonio is submitted for your approval and presentation to the Board of Regents at its next meeting in Austin on February 4, 1972:

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

Department of Health, Education, and Welfare

Bureau of Health Manpower Education

1. Supplemental Award
Scholarship and Loan Program 2 7 53 9017 21 1
Health Professions Scholarship and Student Loan Program
Dr. John V. Olson
July 1, 1971 - June 30, 1972
Additional funds of \$3,156

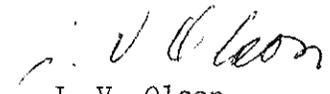
TRANSFER OF FUNDS:

1. Amount of Transfer: \$3,556.46
To: Mail and Telephone Service, Classified Salaries
From: Central Receiving and General Stores, Classified Salaries
For: To provide the funds required for the balance of the fiscal year to establish a position for a Mail Clerk in this department. (RBC 4)
2. Amount of Transfer: \$2,572.00
To: Office of the Dean, Classified Salaries
From: Office of Student Affairs, Classified Salaries
For: To provide the funds necessary to establish a position for additional clerical assistance. (RBC 5)
3. Amount of Transfer: \$56,981.64
To: Departmental Operating Expense, Maintenance & Operation
From: Planning, Operations, and Architect Fees, 1970-71
For: To reappropriate balances from the prior year for the purpose of financing continued operating expenses associated with development of the school. (RBC 6)
4. Amount of Transfer: \$1,000.00
To: Medical Communications, Travel
From: Medical Communications, Wages
For: To provide the travel funds necessary to permit this department to meet its operational requirements. (RBC 8)

5. Amount of Transfer: \$175,000.00

To:	Unallocated Faculty Salaries	\$175,000.00
From:	Anatomy (Dental), Teaching Salaries	\$ 25,000.00
	Biochemistry, Teaching Salaries	20,000.00
	Biomaterials, Teaching Salaries	20,000.00
	Endodontics, Teaching Salaries	25,000.00
	Microbiology, Teaching Salaries	20,000.00
	Orthodontics, Teaching Salaries	30,000.00
	Pedodontics, Teaching Salaries	30,000.00
	Physiology, Teaching Salaries	5,000.00
For:	To lapse unfilled line-item faculty salaries to Unallocated Faculty Salaries. (RBC 7)	

Respectfully submitted,


J. V. Olson
Dean-Elect

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON
GALVESTON, TEXAS

January 7, 197~~8~~²

Dr. Charles A. LeMaistre
Chancellor
The University of Texas System
Austin, Texas

Dear Dr. LeMaistre:

The following docket is submitted for your approval and presentation to the Board of Regents at its meeting in Austin, Texas, on February 4, 1972: F

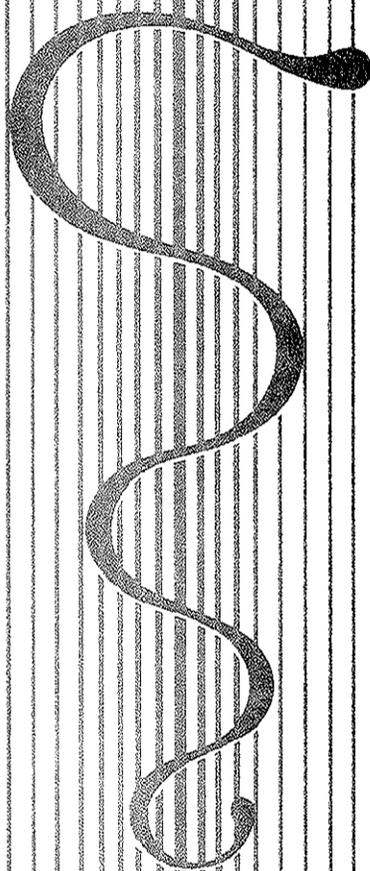
APPOINTMENTS AND CHANGE OF STATUS OF MEMBERSHIPS ON THE MEDICAL STAFF OF THE UNIVERSITY OF TEXAS MEDICAL BRANCH HOSPITALS AT GALVESTON: On the recommendation of the Executive Committee of the Medical Staff, approval is respectfully requested for the following appointments for membership on the Medical Staff and change of status of memberships on the Medical Staff:

1. Appointment of P. R. Gilmer, Jr., M.D., Assistant Professor, Department of Pathology, full-time, active membership on the Medical Staff.
2. Appointment of Antal Szakacs, M.D., Assistant Professor, Department of Pathology, full-time, associate membership on the Medical Staff.
3. Change the staff status of Dr. Miguel R. Alonso from associate to active membership on the Medical Staff. Dr. Alonso has received his license to practice medicine in the State of Texas.
4. Change the staff status of Dr. Keith W. Ashcraft from associate to active membership on the Medical Staff. Dr. Ashcraft has received his license to practice medicine in the State of Texas.
5. Change the staff status of Dr. Kinjiro Iwata from associate to active membership on the Medical Staff. Dr. Iwata has received his license to practice medicine in the State of Texas.
6. Change the staff status of Dr. Michael M. Warren from associate to active membership on the Medical Staff. Dr. Warren has received a temporary license to practice medicine in the State of Texas.
7. Appointment of Sharon Lee Kulig, Ph.D., Assistant Professor, Department of Pediatrics, full-time, consulting membership on the Medical Staff.

1971-1973 GRADUATE SCHOOL CATALOGUE: Approval is requested for the publication of the 1971-73 Graduate School Catalogue as shown on the following pages G-2 through G-85:

Misc. / reg.

Graduate School
~~College of Medicine~~ THE UNIVERSITY OF TEXAS MEDICAL BRANCH • ~~1966-1968~~ 1971-1973



THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON

GRADUATE SCHOOL

1971-1973

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON

Graduate School

Catalogue for 1971 - 1973



Published by

Graduate School

The University of Texas Medical Branch at Galveston

"The benefits of education and of useful knowledge, generally diffused through a community, are essential to the preservation of a free government."

Sam Houston

"Cultivated minds is the guardian genius of Democracy and, while guided and controlled by virtue, the noblest attribute of man. It is the only dictator that freemen acknowledge, and is the only security which freemen desire."

Mirabeau B. Lamar

Additional copies of this publication may be procured from

The Office of Director of Admissions

The University of Texas Medical Branch at Galveston

Galveston, Texas 77550

CONTENTS

BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM

OFFICERS OF ADMINISTRATION

ACADEMIC CALENDAR

INTRODUCTION AND PURPOSE

- Introduction
- Nature and Purpose of Graduate Work

GRADUATE SCHOOL GENERAL INFORMATION

- Historical Statement and Facilities
- Physical Facilities
- New Buildings
- Planned Construction
- Library
- Book Store
- University Health Service
- Research
- Special Programs
 - The Marine Biomedical Institute
 - Regional Poison Control
 - Clinical Study Area
 - Burns Center
 - Family Medicine Program
 - Birth Defects Center
- Texas Reports
- General Statistics

FOUNDATIONS AND BEQUESTS

ORGANIZATIONS

FELLOWSHIPS, SCHOLARSHIPS AND AWARDS

LOAN FUNDS

REQUIREMENTS FOR ADMISSION AND CONTINUATION IN THE GRADUATE SCHOOL

- Requirements for Admission
- General Graduate School Regulations
- Requirements for Degrees
 - Doctoral Degree
 - Master's Degree
- Health Requirements
- Registration
- Legal Residence
- Selective Service Requirements
- Prepayments
- Tuition and Fees
- Other Expenses

Refund of Tuition and Fees
 Living Arrangements
 Exemption from Fees

STUDENT AFFAIRS

Honor System
 Student Conduct and Discipline
 Student Debts
 Student Organizations
 Use of University-Owned Facilities
 Speech and Assembly
 Off-Campus Speakers
 Anonymous Publications

ACADEMIC DEPARTMENTS AND COURSES OF INSTRUCTION

Anatomy
 Behavioral Sciences
 Biochemistry
 Human Genetics
 Microbiology
 Pathology
 Pharmacology
 Physiology
 Preventive Medicine and Community Health

FACULTY

REGISTER OF STUDENTS - 1970-1971
 DEGREES CONFERRED - 1970-1971
 AWARDS - 1971
 SUMMARY OF STUDENTS - 1970-1971
 STATISTICAL SUMMARIES - 1971

APPENDIX A

Graduate Student Organization Constitution

APPENDIX B

Graduate School Calendar 1971 - 1973
 Register of Students - 1968 - 1969
 Degrees Conferred - 1969
 Awards - 1969
 Summary of Students - 1968 - 1969
 Statistical Summaries - 1969

Register of Students - 1969 - 1970
 Degrees Conferred - 1970
 Awards - 1970
 Summary of Students - 1969 - 1970
 Statistical Summaries - 1970

BOARD OF REGENTS

OFFICERS

John Peace, Chairman
 Frank N. Ikard, Vice-Chairman
 Betty Anne Thedford, Secretary

MEMBERS

Terms Expire January 1973

Frank N. Ikard Wichita Falls
 Joe M. Kilgore Austin
 John Peace. San Antonio

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

STANDING COMMITTEES

EXECUTIVE: Ikard, Chairman
 ACADEMIC AND DEVELOPMENTAL AFFAIRS: Kilgore, Chairman
 BUILDINGS AND GROUNDS: Erwin, Chairman
 LAND AND INVESTMENT: Garrett, Chairman
 MEDICAL AFFAIRS: Williams, Chairman
 BOARD FOR LEASE OF UNIVERSITY LANDS: State Land Commissioner Bob
 Armstrong (ex officio), Chairman; Garrett, Williams

* All members of the Board constitute each committee.

OFFICERS OF ADMINISTRATION

GENERAL ADMINISTRATION

Charles A. LeMaistre, B.A., M.D., Chancellor of The University of Texas System,
 Austin.
 Everitt Donald Walker, M.B.A., C.P.A., Deputy Chancellor for Administration of
 The University of Texas System, Austin.
 William H. Knisely, Ph.D., Vice-Chancellor for Health Affairs, The University of
 Texas System, Austin.

Truman G. Blocker, A.B., M.D., President, The University of Texas Medical Branch at Galveston.

Charles W. Chadwick, A.B., B.D., Assistant to the President for Development.

Patricia G. Pomeroy, B.A., M.Ed., Assistant to the President.

Myles Knappe, B.S., M.A., Director, Public Information Office.

ACADEMIC ADMINISTRATION

Joseph M. White, B.S., M.D., Vice President for Academic Affairs and Dean of Medicine.

Elizabeth Ray, B.A., Assistant to the Vice President for Academic Affairs.

Spencer G. Thompson, B.S., M.D., Associate Dean and Coordinator for Sponsored Programs.

Richard F. Timmer, M.D., Ph.D., Associate Dean and Coordinator of Curriculum Affairs.

Harold G. Levine, M.P.A., B.A., Director of Research in Medical Education.

Edward N. Brandt, Jr., M.D., Ph.D., Dean of the Graduate School.

Robert K. Bing, B.S., M.A., Ed.D., Dean, School of Allied Health Sciences.

E. Gene Powell, B.A., M.Ed., Director of Admissions and Student Personnel Services.

James R. Young, B.A., Assistant Director of Admissions.

Stephen R. Lewis, B.A., M.D., Director of Postgraduate Education.

C. Lee Jones, B.A., M.L.S., Director, Medical Branch Library.

Abe Levy, D.V.M., Director, Animal Care Center.

The University of Texas Medical Branch at Galveston Graduate School Calendar

1971

September	2 - 3	Thursday, Friday. Registration for First Semester.
September	7	Tuesday. Instruction begins at 8:00 a.m.
November	24	Wednesday. Thanksgiving recess begins at 5:00 p.m.
November	29	Monday. Instruction resumes at 8:00 a.m.
December	3	Friday. Deadline for receipt of theses and dissertations for December completion.
December	15 - 16	Wednesday, Thursday. Registration for Second Semester.
December	17	Friday. First Semester ends at 5:00 p.m.

1972

January	3	Monday. Instruction begins at 8:00 a.m.
January	5	Wednesday. Final day for registration.
March	30	Thursday. Easter recess begins at 5:00 p.m.
April	3	Monday. Instruction resumes at 8:00 a.m. Deadline for receipt of theses and dissertations for April completion.
April	12 - 13	Wednesday, Thursday. Registration for Third Semester.
April	14	Friday. Second Semester ends at 5:00 p.m.
April	17	Monday. Instruction begins at 8:00 a.m.
April	19	Wednesday. Final day for registration.
May	18	Thursday. Deadline for receipt of theses and dissertations for June Commencement

June	7	Wednesday. Honors Convocation and Commencement.
July	14	Friday. Deadline for receipt of theses and dissertations for July completion.
July	28	Friday. Third Semester ends at 5:00 p.m.
August	31-Sept. 1	Thursday, Friday. Registration for First Semester.
September	5	Tuesday. Instruction begins at 8:00 a.m.
September	7	Thursday. Final day for registration.
November	22	Wednesday. Thanksgiving recess begins at 5:00 p.m.
November	27	Monday. Instruction resumes at 8:00 a.m.
December	1	Friday. Deadline for receipt of theses and dissertations for December completion.
December	13 - 14	Wednesday, Thursday. Registration for Second Semester.
December	15	Friday. First Semester ends at 5:00 p.m.

1973

January	2	Tuesday. Instruction begins at 8:00 a.m.
March	30	Friday. Deadline for receipt of theses and dissertations for April completion.
April	11 - 12	Wednesday, Thursday. Registration for Third Semester.
April	13	Friday. Second Semester ends at 5:00 p.m.
April	16	Monday. Instruction begins at 8:00 a.m.
April	18	Wednesday. Final day for registration.
May	16	Wednesday. Deadline for receipt of theses and dissertations for June Commencement.
June	6	Wednesday. Honors Convocation and Commencement.
July	13	Friday. Deadline for receipt of theses and dissertations for July completion.
July	27	Friday. Third Semester ends at 5:00 p.m.

INTRODUCTION AND PURPOSE

Introduction

The Graduate School is a body of professors and scholars designed as Members or Associates of the Graduate Faculty and of students duly admitted to pursue their studies toward the Master of Arts or Doctor of Philosophy degree. The administrative head of the Graduate School is the Graduate Dean. In every academic area offering graduate level courses, the Graduate Faculty attached to the area constitute an individual Committee on Graduate Studies. In each graduate area there is a graduate adviser who advises students taking graduate work in that area.

The Committees on Graduate Studies and ultimately the Graduate Dean supervise all graduate course offerings, the programs of individual graduate students and the research projects (theses and dissertations) of the degree candidates. The graduate advisers assume immediate responsibility for the advance to candidacy. Subsequently this responsibility is transferred to the supervisory committee appointed for the candidate by the dean.

The Nature and Purpose of Graduate Work

There are three component parts of graduate study: course work, independent study and independent scholarly research leading to a thesis or dissertation. No

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one of these component parts can be neglected by the graduate student, although the proportion of independent study to course work may vary according to the previous training of the individual student and the area chosen by him. The candidate for an advanced degree presents work done in his chosen major area; but he is also usually expected to have done supporting work of advanced level in one or more associated areas. The objective of the doctoral program is to train qualified persons to serve as faculty and investigators in the health sciences. The master's programs represent a stage on the road to this goal; but they also provide in themselves the possibility of a complete and useful accomplishment in advanced work.

GRADUATE SCHOOL GENERAL INFORMATION

Historical Statement and Facilities

The University of Texas Medical Branch, situated on the Gulf of Mexico two miles from the Texas mainland, boasts a heritage as rich and colorful as historic Galveston Island on which it is located.

The initial actions which established Galveston as a leading center of formal medical education came early in the history of the State of Texas. In 1860, the first medical college in the state was authorized in Galveston as the Medical Department of Soule University. These were troubled war years, however, and there is no recorded evidence that the college ever functioned.

Immediately after the war, the Galveston Medical College was organized, again under the auspices of Soule University. After eight years this school closed and, under the leadership of Ashbel Smith, M.D., the Texas Medical College was established. Doctor Smith served as President of the Board of Trustees and was instrumental in establishing The University of Texas a few years later.

The University of Texas and the School of Medicine were authorized by the Legislature in 1881 and their respective locations in Austin and Galveston were decided by popular vote of the people. No immediate action was taken on this authorization, and it was not until 1890 that the first medical college building was finally completed. This Romanesque-styled red brick building still stands as a landmark on the campus and, although officially named Ashbel Smith Building, it is affectionately known to all as "Old Red."

From its humble and uncertain beginnings in pre-Civil War times, The University of Texas Medical Branch has grown steadily in size and stature to emerge today as one of the giants in medical education. The campus has expanded from one building to an impressive complex of sixty buildings. The state's largest and oldest medical school, and the eighth largest medical school in the nation, covers eighty acres. Ever continuing to expand, this multi-million dollar complex is presently experiencing its greatest period of growth. This has been due in a large measure to those benefactors who, through their generous contributions, have helped make possible the Medical Branch as it is today. The names Sealy, Smith, Ziegler, Kempner and Moody abound throughout the campus and related facilities as evidence of their support.

The University of Texas Medical Branch at Galveston is one of the components of The University of Texas System and consists of the Graduate School, School of Medicine, School of Allied Health Sciences and clinical training for student nurses. Graduate work was formally established at the Medical Branch in 1952 with Donald

Duncan, Ph.D. appointed as Associate Dean. In 1969, the Graduate School at the Medical Branch was established and in 1970, the first dean was named. Currently, there are seven programs approved for the Ph.D. degree and eight for the M.A. degree. The Master of Science in Nursing was awarded on this campus until August, 1967, at which time 61 degrees had been conferred. As of August 31, 1971, 89 Ph.D. degrees and 135 M.A. degrees have been awarded. Sixty Ph.D. degrees have been awarded since 1963.

Physical Facilities

The programs offering graduate work are supported with up-to-date instrumentation and laboratories necessary for biomedical research, and graduate students have a wide variety of opportunities for study of basic biological phenomena. Graduate programs are primarily housed in three adjacent buildings (William Keiller, Gail Borden and Libbie Moody Thompson) on the Medical Branch campus, although additional research space is included in others.

The Medical Branch Hospitals are owned by the University and are under the direct administrative control of the Medical Branch itself; thereby providing, in one closely integrated unit, a training ground for physicians, scientists, nurses and technologists, plus a complete program of hospitalization and diagnostic treatment.

John Sealy Hospital is the principal clinical service and teaching facility of the seven hospitals and two out-patient clinics that make up the hospital complex. Other facilities include Jennie Sealy Hospital, R. Waverley Smith Pavilion, Children's Hospital, Ziegler Hospital, Graves Psychiatric Hospital, Randall Pavilion, Rebecca Sealy Out-Patient Hospital and the John W. McCullough Out-Patient Clinic. These units offer facilities for twelve hundred patients.

Besides the University-owned hospitals, the Medical Branch works in close association with many other fine institutions. The Shriners Burns Institute, internationally famous for offering the ultimate in patient care for burned children, is located on the campus. Other close affiliations include St. Mary's Hospital, located to the immediate south of the Medical Branch; The University of Texas M. D. Anderson Hospital and Tumor Institute, Hermann Hospital, Memorial Baptist Hospital, St. Joseph's Hospital, all of Houston, and Brackenridge Hospital in Austin. Each facility offers educational and research opportunities for Medical Branch faculty and students.

New Buildings

The Moody Medical Library with approximately 69,610 square feet of space is presently under construction and scheduled for opening early in 1972. Modern facilities for information retrieval, photo-duplication, microfilm reading and printing and audio-visual facilities are included. Study space for students and faculty will be greatly increased in the form of individual carrels, group study rooms and open reading areas.

The Libbie Moody Thompson Basic Science Building is completed and houses the facilities for the Department of Human Biological Chemistry and Genetics; Department of Physiology, and teaching laboratories for other departments.

The Clinical Science Building, now under construction, will house the Medical Branch Post Office, out-patient admitting offices, clinics, offices and laboratories for the clinical departments and a three hundred seat auditorium.

The Animal Care Center provides facilities for housing animals for education and research, and laboratories for special research involving animals. The

Care Center was completed in the fall of 1969 at a cost of approximately \$1,000,000.

The Alumni Field House, built with funds contributed by the graduates and friends of the Medical Branch, contains recreational facilities for the students, staff, faculty, patients and visiting alumni. There are two handball courts, an exercise room, a lounge equipped with game tables, a snack bar and a conference room for general campus use in the building. The Alumni Offices are located in the Field House.

Planned Construction

In the planning stages today, for completion in the near future, is a series of building programs made possible by a very generous gift of the Sealy and Smith Foundation. This gift will pave the way for much of the immediate growth in the complex. The money will be used for many projects, including a substantial addition to John Sealy Hospital which will permit the consolidation of the now separate locations of children's care activities into a more efficient centralized facility, a new building to bring together the offices of the Medical Branch administrative activities, and a high rise apartment for students, staff and personnel.

Library

Library facilities for the School of Medicine, the School of Nursing and the School of Allied Health Sciences are provided on the main floor of the Gail Bordien Building. Bound volumes in the stacks total about 128,000. Currently, 3,000 biomedical periodical titles are received, of which 1,900 titles are available as complete files. The reading room accommodates 230 students. The monograph collection has been greatly enriched by generous gifts from Dr. Allen J. Smith (1836-1926), first professor of pathology, and Dr. James Edwin Thompson (1863-1927), first professor of surgery. The library contains special collections of pictures and archival material. Microfilm readers and printers are available as well as photoduplication equipment. Small working libraries are maintained in the School of Medicine, the School of Nursing and the School of Allied Health Sciences.

A special reading and research room is provided for the History and Bibliography of Medicine on the seventh floor of the Sealy-Smith Professional Building. This room contains the historical and rare book collections. Its usefulness has been greatly increased by gifts from interested members of the faculty.

Book Store

In February, 1961, the book store was moved into its present quarters in the Ashbel Smith Building. Facilities in the book store include a comfortable student lounge and an attractive display for all the books, equipment and other items necessary to the pursuit of satisfactory academic work.

On March 29, 1967, the book store was reorganized as "The University Medical Branch Student Book Store, Inc." It is operated under the direction of a Board of Directors composed of nine members--four from the voting members of the general faculty and administrative staff, four bona fide members of the student body and the President of The University of Texas Medical Branch.

University Health Service

Each student is required to pay a student health fee as authorized by the State Legislature and approved by the Board of Regents. As part of the University

Health Service program, the student is eligible for medical care throughout his period of enrollment in the School of Medicine. The University Health Service is staffed by Medical Branch physicians and services provided are physical examinations, immunizations other than those required prior to admission, tuberculin testing and routine studies, as well as roentgen rays examinations at the time of entry and at periodic intervals thereafter. Students who may be ill or desire consultation may make appointments to be seen as necessary. Diagnostic studies, medications and other therapeutic modalities are available, and a physician is on call twenty-four hours a day for emergency care.

Each student is also covered by hospitalization insurance under a policy purchased by The University of Texas in the name of each student. Each new student must fill out an enrollment card at the time of registration and coverage will extend for a full calendar year from the effective date of the policy (except in the case of withdrawal from school). The present insurance coverage is provided by Blue Cross and includes a room allowance of \$10 per day for a maximum of 365 days of hospital confinement and all other usual hospital services ordered by the attending physician (except blood and plasma) and used while in the hospital. Coverage does not include surgical fees normally provided under the Blue Shield program.

The benefits outlined above do not apply to students' families but, as a courtesy, wives or husbands of students will be seen at the University Health Service, and arrangements have been made for children's care through the cooperation of the Pediatric Department in their out-patient clinic. Hospitalization may be extended to cover dependents by payment of a small additional premium. Maternity benefits are available under this program.

Research

Research programs are a vital part of the Medical Branch. Although research cannot be judged in monetary terms, it is interesting to note that during the fiscal year 1969-1970, gifts and grants in excess of \$6,960,000 were received by the Medical Branch for research.

Special Programs

Although the list of specialty programs given in this section is incomplete, these projects are excellent examples of the diversity of areas being developed at The University of Texas Medical Branch.

THE MARINE BIOMEDICAL INSTITUTE

The Marine Biomedical Institute, established at The University of Texas Medical Branch at Galveston in 1969, focuses on the solution of medical problems involved in man's developing relationship to the sea, as well as on ascertaining what the sea can contribute to medical knowledge. Studies will be directed wherever the environment of the sea or the life forms within it can contribute to an understanding of man, his health and his potential for adaptation.

One major aim is to enhance, insofar as possible, man's capability to enter and to function safely and efficiently in the depths of the sea. The hazards of the deep sea to well being or survival stem from man's interaction with several aspects of the environment: pressure, both the high pressure at depth and the effects of decompression on ascending to the surface, the cold, the isolation, the darkness, and the loneliness, as well as poisonous

and predatory sea life. The aim of the Institute is to study the effects of these various forces and to learn the mechanisms that allow for adaptation to them. Studies will focus on the effects of compression, decompression, sensory deprivation and psychological stress on the rate and rhythm of the heart, with special reference to sudden death.

The most fully developed program at present is directed toward the study of electrical and chemical mechanisms that regulate synaptic transmission and thereby control visceral function and general behavior. An approach is being made through a sequence of primitive marine forms in the expectation that a phylogenetic perspective on neuronal arrangements, relating neural function to behavior, may help unravel some of the complexities of the highly organized control mechanisms of humans. Such information would be expected to contribute substantially to the understanding of human systems and the treatment of disease, as manifest in disturbed functioning of an organ system.

The evolution of the structure and function of the nervous system, including the brain, offers a particularly attractive subject for study by the comparative approach. Expert investigators in neurophysiology (electrophysiology), electronmicroscopy, neurochemistry and pharmacology, visceral function and animal behavior are being brought together in a closely intercommunicating relationship but free, each one, to apply his own creative imagination and expertise to the problems.

The various projects converge on an enquiry into what regulates synaptic transmission as an individual organism selects one among several possible effector functions in response to a variety of inputs and conditions.

REGIONAL POISON CONTROL CENTER

At the Medical Branch Regional Poison Control Center, open 24 hours a day, a pharmacist or physician is on duty to answer urgent calls on the toxicity of various commercial products. Armed with files containing information on over 10,000 commercial products, the Center's staff helps physicians throughout the states of Texas, Louisiana, Oklahoma and Arkansas by giving out the desired information and suggesting treatment when needed. Since busy physicians cannot possibly keep up on the chemical constituents of the approximately 250,000 toxic and potentially toxic substances commercially available each year, this Center performs this unique task for them.

CLINICAL STUDY AREA

Every patient admitted to the Medical Branch's Clinical Study Center not only receives the best possible care, but also becomes a partner in a research team. The Center, which opened its doors during the summer of 1963, is designed to provide patient care facilities in a completely controlled environment. Here, doctors are able to conduct research studies with a maximum amount of control over hospital, nursing and dietary conditions. This independent 12-bed unit is located within the John Sealy Hospital and makes use of all the facilities which the hospital has to offer.

BURNS CENTER

The Medical Branch is recognized as one of the top ten burn centers in the world. Working with both children and adults, the Medical Branch hospitals

have made numerous discoveries important in the treatment of burned patients. Especially significant in adult burns is the treatment of patients suffering from industrial burns from the Gulf Coast Area.

This progress made by the Medical Branch resulted in the selection of Galveston as the site for the Shriners Burns Institute, the first such hospital totally devoted to the treatment of burned children. Located on the Medical Branch campus and staffed largely by faculty members from the Medical Branch, this Institute provides the ultimate in care for burned youngsters.

FAMILY MEDICINE PROGRAM

Recognizing the need to train doctors for this role as personal physicians, the Medical Branch has established a program of Family Medicine under the direction of Dr. M. L. Ross. Begun last year, the program is a division of the Department of Preventive Medicine and Community Health. This program will be prominent in community oriented research and studies of alternate methods for delivery of health care.

BIRTH DEFECTS CENTER

The Birth Defects Center at the Medical Branch, sponsored by the National Foundation, is involved in studies of prevention and programs of help for children now suffering from defects.

Texas Reports

Texas Reports on Biology and Medicine is a quarterly journal which is open to general and technical articles on biology in relation to medicine and to critical evaluations of clinical medicine from research workers anywhere. Annual volumes contain 780 or more pages. Volume 29 was published in 1971. Distribution of this journal is world wide. Research work from various divisions of The University of Texas is given priority, but the published manuscripts are from many countries. The editor and the editorial board are members of the Medical Branch staff. The library uses the journal as a medium of exchange for other periodicals and many hundreds of journals are received on this basis.

General Statistics

During the fiscal year, 1970-1971, The University of Texas Medical Branch Hospitals operated an average of 1,076 beds and 45 bassinets. There were 21,941 inpatients admitted to the various hospitals and a total of 318,544 patient census days in the hospitals. Two thousand and sixty-four babies were born in John Sealy Hospital. The University of Texas out-patient clinics had 37,125 emergency visits and a total of 102,995 visits. The out-patient clinics operated five days each week throughout the year, excluding official holidays. In addition to the regular clinic visits, there were 16,240 visits to The University Health Service; there were 81 children admitted to the Moody State School for Cerebral Palsied Children; and 116 patients admitted to the Dialysis Center.

The several schools in the Medical Branch had enrollments as follows at the beginning of the academic year, 1971-1972:

School of Medicine 655
 Graduate School. 70
 School of Allied Health Sciences 102
 Interns. 43
 Residents 217

FOUNDATIONS AND BEQUESTS

The Sealy and Smith Foundation for the John Sealy Hospital. --In 1922 a charter was obtained by Mr. John Sealy and his sister, Mrs. Waverley Smith, for the establishment of the Sealy and Smith Foundation for the John Sealy Hospital. The greater portion of the estates of these two generous benefactors has been incorporated in the foundation. It is administered by a self-perpetuating Board of Directors and provides relatively large sums annually for the care of the indigent sick of Galveston and for the improvement of hospital facilities and equipment.

Thrasher Bequest. --Dr. O. B. Thrasher, a graduate of the Medical Branch of the University, bequeathed to the University in 1927 the sum of \$10,000. This money is to be used for the Medical Branch "for such purposes, and upon such conditions as the Board of Regents of the University may deem proper." Dr. Thrasher expressed a preference that the money be used in connection with the Chair or Chairs of the Medical Branch having to do with diseases of the mind.

The Howard Rush Dudgeon Surgery Lectureship. --was established by Dr. Howard Rush Dudgeon, Jr., in honor of his father, who served as a member of the staff of the department of Surgery from 1900 to 1913. It was approved by the University System Board of Regents in January, 1968. A graduate of this institution, Dr. Dudgeon served his internship here during the great storm of 1900, after which he was appointed Demonstrator of Surgery. He is best remembered for his pioneering work in cardiovascular surgery. Dr. Dudgeon died in 1953. This lectureship will bring to the Medical Branch campus outstanding men in the field who will share their knowledge and understanding of surgery with medical students, the resident staff and faculty.

Sam G. Dunn Lectureship on Medicine and the Humanities. --Relatives and friends have established the Sam G. Dunn Lectureship on Medicine and the Humanities to bring to the Medical Branch campus each year an outstanding physician to speak to the graduating class on the importance of the humanities in the practice of medicine. The son of a Methodist minister, Dr. Dunn believed there was more to being a doctor than receiving an M.D. degree. To him, the human aspect of medicine was second in importance only to the technical knowledge necessary for treating patients properly. He died on October 20, 1967. This lectureship was approved by the Board of Regents for the Medical Branch in October, 1967.

Lester D. King, Senior Editor, Journal of the American Medical Association and Professional Lecturer in History of Medicine, University of Chicago, gave the Sam G. Dunn Lecture in 1970.

The Hogg Foundation for Mental Hygiene. --The Hogg Foundation of The University of Texas provides special extension facilities for mental hygiene. It cooperates with the School of Medicine in bringing distinguished neuropsychiatrists at frequent intervals for special lectures at Galveston and throughout the state.

The M. D. Anderson Foundation. --Through many generous grants from the M. D. Anderson Foundation of Houston, there has occurred broad extension of the general

health program of The University of Texas, particularly in support of cancer research and tissue metabolism.

James Greenwood Lectureship. --After his graduation from the Medical Branch in 1901, James Greenwood, Sr. began practice in his hometown of Seguin. He returned to Galveston in 1908 as a member of the faculty in the Department of Medicine. Dr. Greenwood was a pioneer in neurology and psychiatry in the Southwest, and served as the first chairman of the Department of Neuropsychiatry at Baylor University School of Medicine after its removal from Dallas to Houston.

Dr. James Greenwood, Jr., a 1931 graduate of the Medical Branch and practicing neurosurgeon, established the lectureship in 1944 in honor of his father.

Dr. Eben Alexander, Jr., Professor of Neurosurgery, Bowman-Gray School of Medicine, gave the 1970 lecture.

Arnold Surman Memorial Lectureship Fund. --For a number of years, The University of Texas Medical Branch chapter of Phi Beta Pi Medical Fraternity has provided funds annually for the maintenance of a yearly lecture given by some outstanding medical contributor. The fund was named the Arnold Surman Memorial Lectureship Fund in honor of Arnold Charles Surman, Jr., a former medical student and member of the fraternity, who died in August, 1946. The lecture is open to the public and is usually given in March.

Warmoth Professorship in Neurology in the Department of Neurology and Psychiatry. --This professorship was made possible through a bequest by the late Miss Charlotte Warmoth of Austin who stipulated her gift be used for the study of Parkinson's disease and leukemia.

The Frances Eastland Connally Lectureship in Obstetrics and Gynecology. --This was the first endowed lectureship in obstetrics-gynecology in the Southwest and one of the first in the nation. The annual lectureship, begun in 1964, is a gift by Dr. H. Frank Connally, Waco obstetrician, a 1937 graduate of the Medical Branch, and a past member of the Board of Regents of The University of Texas.

In 1969, the lecture was given by Dr. Samuel Jan Behsman, Professor of Obstetrics and Gynecology, University of Michigan Medical School.

Harry Carothers Wiess Chair in Otolaryngology. --This Chair was established July 22, 1961, by Mrs. Olga Keith Wiess in memory of her husband. In 1917, Harry C. Wiess, then in his early thirties, was the youngest of the nine founders and original directors of Humble Oil and Refining Co., and served as president of that company from 1937 to 1948. The first Wiess Professor of Otolaryngology was appointed in 1961.

I. H. Kempner Professorship of Human Genetics. --This professorship was established in 1964 by the Kempner Foundation in honor of Mr. I. H. Kempner, oldest son of Harris and Eliza Kempner. On his 88th birthday in 1961, Mr. Kempner was honored at a testimonial dinner and proclaimed by civic leaders as "Galveston's Most Distinguished Citizen."

Ashbel Smith Professorships. --The Ashbel Smith Professorships were approved by the Board of Regents of The University of Texas for the Medical Branch in 1965. The designation "Ashbel Smith Professor" is awarded by the Board of Regents to an outstanding member of the Faculty of the School of Medicine upon recommendation

of the Faculty and the Dean of the School of Medicine, with endorsement by the President of the Medical Branch and the Chancellor of The University of Texas System.

The Meyer Bodansky Lectureship. -- This lectureship is sponsored by Phi Delta Epsilon in memory of Dr. Meyer Bodansky, who was a member of the faculty at the Medical Branch from 1919 until his death in 1941. Dr. Bodansky was internationally known for his contributions in the fields of clinical physiology and biochemistry. Funds are available for an annual lectureship.

In 1970, the Meyer Bodansky Lecture was given by Dr. Kurt W. Deuschle, Chairman, Department of Medicine, Mt. Sinai School of Medicine, New York City.

Gaynelle Robertson and Edgar J. Poth Forum Fund. -- A gift from Dr. Gaynelle Robertson and Dr. Edgar J. Poth in 1967 makes possible forums, seminars and visiting professorships in conjunction with these forums, in Ophthalmology and General Surgery.

Dr. Robertson (Mrs. Poth), is Professor Emeritus of Ophthalmology and Dr. Poth is Ashbel Smith Professor of Surgery.

The Arild E. Hansen Lectureship and Visiting Professorship. -- Former residents and colleagues have established a visiting professorship in honor of Dr. Arild E. Hansen, chairman of the Department of Pediatrics at The University of Texas Medical Branch from 1948-1959, for the purpose of bringing outstanding visitors for two to three days to meet with the staff, residents, interns and students of the Medical Branch and present the annual Arild E. Hansen Lecture. The first lecture was given by Dr. Hansen in November, 1961.

The 1969 lecture was given by Dr. John A. Anderson, Professor and Chairman of the Department of Pediatrics, University of Minnesota Medical School, Rochester, Minnesota.

Texas Radiological Society Lectureship. -- The Texas Radiological Society has established this lectureship in order to bring outstanding investigators concerned with problems in diagnostic radiology or in radiation therapy of malignant diseases to the medical schools of Texas. At the Medical Branch, a lecture to the students and faculty will be given annually and suitable seminars may be arranged during the visit of the lecturer.

Dr. F. Frank Zboralske, Associate Professor of Radiology, Chairman, Division of Diagnostic Radiology, Stanford University School of Medicine, gave the 1970 lecture.

Westell F. Windmeyer Endowment Fund. -- In 1951, Mrs. Westell F. Windmeyer bequeathed to The University of Texas Medical Branch \$9,270.77, for the sole purpose of carrying on research in cancer, hypertension, polio and/or other maladies.

The William Orville Bullington Memorial Fund. -- Mr. Orville Bullington and wife, Sadie Kell Bullington, donated \$20,000 to establish The William Orville Bullington Memorial Fund. The income from this fund is to be used for research to ascertain the cause and cure of pancreatitis. If and when said discovery has been made of the cause and cure of pancreatitis, then the income from this fund may be used to ascertain the cause and cure of any other disease which is largely fatal in its effects as is pancreatitis.

Daniel W. Kempner Visiting Professorships. -- This fund was established in memory

of Daniel W. Kempner, the second son of Harris and Eliza Kempner, a prominent pioneer Galveston family. Daniel Kempner had a life-long interest in the success of the medical school and in its role of preparing graduates of the school for useful and well-trained medical careers. He served as a member of the Board of Trustees of the H. Kempner Firm from 1889 until his death in 1956. This fund is used to bring, for a period of several days each year, one or more outstanding visitors to address and meet with the staff, residents and students of the Medical Branch. The selection of these visitors is made by the dean and faculty of the Medical Branch.

Two distinguished scientists gave lectures in 1970: Dr. Marcel Bessis, Director, Institute of Cellular Pathology and of Cancer Research, Paris, France and Dr. Don Fawcett, Hershey Professor of Anatomy, Harvard University.

James Wade Rockwell Professorship in Library Science and Medical History. -- This professorship was established in 1966 by the Rockwell Fund, Incorporated. James W. Rockwell served as a member of the Board of Regents of The University of Texas from 1947 to 1953.

Charles Marc Pomerat Memorial Lectureship. -- This lectureship was established in 1965 by former students and friends of Dr. Charles Marc Pomerat. A graduate of Harvard, Dr. Pomerat became professor of anatomy at the Medical Branch in 1943 and two years later was named professor of cytology and director of the Tissue Culture Laboratory. His most important scientific contribution was the recording of cellular activity in tissue culture by means of a time-lapse photograph. Dr. Pomerat died in 1964. Funds are used to bring an outstanding lecturer in anatomy to the Medical Branch campus each year.

In 1970, Dr. Leonard Hayflick, Professor, Department of Medical Microbiology, Stanford University School of Medicine, California, gave the Charles Marc Pomerat Memorial Lectureship.

The Longview Foundation. -- Dr. V. R. Hurst and his associates in Longview, Texas, have established the Longview Foundation for the support of research in otolaryngology. Generous grants from the Longview Foundation assist in maintaining research efforts in the Division of Otorhinolaryngology at The University of Texas Medical Branch.

H. H. Weinert Endowment for Cardiovascular Research. -- The family of Mr. H. H. Weinert of Seguin, a member of the Board of Regents of The University of Texas from November, 1933 to November, 1944, has donated considerable sums for the establishment of an endowment to support cardiovascular research at the Medical Branch. Income is used for studies in the Cardiovascular Research Laboratory, under the direction of Dr. George H. Herrmann, the first Ashbel Smith Professor of Medicine.

The Wunderman Trust. -- Dr. D. C. Wunderman of Corpus Christi set up The Wunderman Trust which became effective at Dr. Wunderman's death in 1965. Income from the fund benefits The University of Texas Medical Branch's Department of Neurology and Psychiatry.

H. H. Weinert Professorship in Internal Medicine. -- The family of Mr. H. H. Weinert of Seguin, a member of the Board of Regents of The University of Texas from November, 1933 to November, 1944, has donated considerable sums for the establishment of this Professorship.

Dr. Benedict E. Abreu Memorial Fund. --This fund was established in 1965 by former students and friends in memory of Dr. Benedict E. Abreu. The fund is used to support some of the expenses of the Annual Student Research Forum, a function which Dr. Abreu sponsored while serving as Chairman of the Department of Pharmacology.

ORGANIZATIONS

Graduate Student Organization. --The Graduate Student Organization, consisting of the student body of the Graduate School at The University of Texas Medical Branch, was established in 1952. Its purpose is to provide opportunities for students from the various disciplines to meet for social and professional activities.

Officers for 1971-1972 include: Martin A. Wasserman, President and Senator to the Student Government; John A. Reinhart, Vice-President; John M. Brady, Secretary-Treasurer and Gordon D. Schrank, Senator to the Student Government.

The proposed plans for the organization are:

1. inviting guests to address the student body on scientific and medical advances in research and/or education;
2. honoring excellence in graduate students;
3. an orientation program for new graduate students and also local visits to nearby schools to enlighten prospective students; and
4. a social program for meeting incoming students and greeting old friends.

The Graduate Student Organization will strive to foster the ideas set forth in its Constitution for the best interests (professional, educational and social) of all graduate students.

Alumni Association. --It is the object and purpose of the Alumni Association to advance the cause of medical education and to promote the interest of The University of Texas for the mutual benefit of the Medical Branch, its alumni and students. The Association is self-supporting through annual membership dues, which are minimal. Life memberships are available, and Golden T Certificates are awarded those alumni who have been in practice for 50 years. Graduating seniors are given membership gratis for eighteen months. Activities and operations of the organization are, in the main, supported by annual dues. A publication, The Alumni Bulletin, is issued four times a year, and a list of graduates with current addresses is maintained in the Alumni Office. Membership in the Alumni Association is encouraged and currently, fifty percent of the 6,000 alumni are active members. Further information regarding the Alumni Association may be obtained by contacting the Alumni Director, Miss Mildred Robertson, Alumni House, The University of Texas Medical Branch, 402 Mechanic Street, Galveston, Texas 77550.

Student American Medical Association. --The University of Texas Medical Branch Chapter of The Student American Medical Association was established at the Medical Branch by student vote in 1951 and has subsequently been enthusiastically supported by the student body. Active membership is granted to any student of the School of Medicine who is in good academic standing and has paid the prescribed dues of the organization. The objects of this organization are in accord with those of the national organization; namely, to advance the profession of medicine, to contribute to the welfare and education of medical students, interns and residents, to familiarize its members with the purposes and ideals of organized medicine,

and to prepare its members to meet the social, moral and ethical obligations of the profession of medicine. In addition, it is the object of this organization to represent the student body of the School of Medicine of The University of Texas Medical Branch as the official organ in the conduct of all student affairs. The Student American Medical Association sponsors many important student functions including the SAMA-UTMB National Student Research Forum.

Syndrome. --A student publications organization operates under the auspices of the council of the Student American Medical Association. In 1953, the first yearbook of the Medical Branch was published. The annual is a campus enterprise carried out by all Medical Branch students.

Alpha Omega Alpha is a national, non-secret medical honor society, election to which is based entirely on scholarship, moral qualifications being satisfactory. Its purpose is to encourage high ideals in medical schools, to promote high professional practice, and to encourage research. The Texas chapter was organized in 1920.

The Mu Delta Honorary Medical Service Society is composed of students, alumni and faculty members whose selection is based upon moral character, individuality, originality and attitude toward the study and practice of medicine. The object of the society is the promotion of honesty, sincerity and fraternity among members of the medical and its related professions. It aims to encourage the highest ideals in scholarship, professional practice and scientific research, and strives constantly to ennoble and exalt the medical profession. This is a local society which was organized in 1948.

The Medical Christian Fellowship is an interdenominational organization of Christian students.

Society of Sigma Xi. --The University of Texas (Galveston) Chapter was installed in June, 1954 for the purpose of encouraging original investigations in pure and applied science. It is composed of faculty and staff members, students and investigators in neighboring industrial laboratories who have made significant contributions as original investigators. A symposium by graduate students is presented twice each year.

Cultural and Religious Opportunities. --Broad cultural and religious opportunities are available for students and faculty on the Galveston campus. There are several music groups, including a concert series, symphony orchestra group, chamber music group and other membership organizations. Most of these are available to students at a reduced student rate. The Rosenberg Library, Historical Society and other groups of a similar nature are available to all who are interested.

Galveston churches have displayed sincere interest in the student body and faculty membership. Within a short distance of the campus, student centers are available throughout the day and evening for all comers, and churches of Galveston extend an open welcome to the student body, staff and faculty to participate in all their activities.

Student Research Forum. --As a result of student interest in basic and clinical research, a student sponsored research forum was inaugurated in 1960. The initial success of the forum led students to extend invitations to regional medical campuses and, more recently, to all medical campuses in the United States. Participants include graduate students in the health sciences, medical students, interns and residents.

In 1971, the Eleventh Annual Student Research Forum was co-sponsored by the National Student American Medical Association and designated the SAMA-UTMB National Student Research Forum. Representatives from fifty-three medical schools and hospitals (100 participants) attended the Forum and "Excellence of Research Awards" were given to persons who presented outstanding papers. Lectures at the opening and closing general sessions were presented by well-known medical men.

Student Government. --In 1970, the Constitution of the Student Government at The University of Texas Medical Branch was accepted by the Faculty of the Medical Branch. The purpose of the Student Government is to represent and unite all students at the Medical Branch under one government, and to provide a source of communication between the student body and faculty.

The role of this government will be in policy making and decisions concerning the students of all schools represented under The University of Texas Medical Branch.

FELLOWSHIPS, SCHOLARSHIPS AND AWARDS

James W. McLaughlin Fellowship Program. --Through the generous bequest of the late Mr. A. C. McLaughlin of California, the James W. McLaughlin Fellowship Program has been established at The University of Texas Medical Branch at Galveston. The program honors the late Dr. James W. McLaughlin, professor and chairman of Internal Medicine at The University of Texas Medical Branch from 1897 to 1905, and member of the Board of Regents of The University of Texas from 1907 to 1909. The James W. McLaughlin Fellowships are awarded for investigation in the fields of infectious diseases and immunity. Funds are available to support predoctoral and postdoctoral fellowships as well as senior and faculty fellowships. Fellows may be appointed for one year with opportunities for renewal in certain instances. Appointments are made on the recommendation of a special advisory committee. Applications for consideration for appointment may be made to the President of The University of Texas Medical Branch at Galveston.

The University of Texas Medical Branch Chapter of Sigma Xi Research Award. --An annual award of \$100 is made to the graduate student who has demonstrated the highest excellence in original research at the doctoral level and \$50 at the master's level.

Jeane B. Kempner Scholarship. --The Jeane B. Kempner Scholarship Fund was created under the will of her husband, Daniel W. Kempner, to be used and expended for the purpose of giving financial aid to exceptionally brilliant students attending the Medical Branch of The University of Texas at Galveston, to assist and encourage them in pursuing advanced studies in the fields of internal medicine and surgery, such assistance to be given following the student's normal and undergraduate years of study, through the grant to each recipient of a Jeane B. Kempner Scholarship. The purpose of this scholarship is to improve the academic standards at this institution, and recommendation of special consideration is given those applicants who may be expected to continue in academic work and, particularly, those who give promise of eventually returning to The University of Texas Medical Branch in a teaching and research capacity.

The Johanna Blumel Memorial Scholarship. --This award was established in 1963 by the American Association of University Women at the Medical Branch to honor the memory of Dr. Johanna Blumel, former president of the Association and research assistant professor in genetics in the Division of Orthopedic Surgery. It is given to a woman medical student or woman graduate student above the first

year of enrollment at the Medical Branch and is based on scholarship, financial need and good citizenship.

Jimmy D. Dickens Memorial Fund. --The Jimmy D. Dickens Memorial Fund was established in 1970 at the death of Jimmy Dickens who was a third year student at the Medical Branch. Income from the fund provides for the purchase of books to be awarded annually to the outstanding graduate student in anatomy. Gifts establishing the award have been contributed by both friends and family.

Nicholas and Katherine Leone Award for Administrative Excellence. --Dr. and Mrs. Leone have established an award for administrative excellence. The award is given annually to an individual at the department chairman or equivalent administrative level for service to the scientific and teaching community of The University of Texas Medical Branch at Galveston.

The Elizabeth and Chauncey Leake Award. --This award was established by Dr. Chauncey Leake in 1970. A prize of \$250 is given to the student who has written the best essay in the history and philosophy of the health sciences and professions.

LOAN FUNDS

The National Defense Student Loan Program. --This program was authorized by the enactment of Public Law 85-864, the National Defense Education Act of 1958 and provides for the creation of a loan fund from which students (graduate and allied health science degree program) may borrow for the purpose of completing their education. Recipients of loans must be at least half-time students in good standing and must substantiate their need for this loan.

The Minnie Stevens Piper Foundation. --Loans are available from the funds of the Minnie Stevens Piper Foundation to assist worthy and needy students at the college or graduate level.

The Texas Opportunity Plan. --The Legislature of the State of Texas has established a loan program to assist needy college or professional students who are legal residents of the State of Texas. Medical, graduate and allied health science students are eligible to apply.

REQUIREMENTS FOR ADMISSION AND CONTINUATION IN THE GRADUATE SCHOOL

Requirements for Admission

Application forms may be obtained from the Director, Office of Admissions, The University of Texas Medical Branch at Galveston, Galveston, Texas 77550. There are five basic requirements for admission: (1) a Bachelor's degree from an accredited institution in the United States or proof of equivalent training; (2) a satisfactory grade point average; (3) a combined score of 1,000 on the verbal and quantitative sections of the Graduate Record Examinations Aptitude Test; (4) adequate subject preparation for the proposed major area; and (5) acceptance by the Committee on Graduate Studies of the proposed major area. When there are more qualified applicants than can be adequately instructed by the available faculty or accommodated in the available facilities, the Committee on Graduate Studies in the proposed area may deny admission to students, even though they have met all other requirements. All admissions must be approved by the Dean of the Graduate School.

Grade Point Average. An applicant with a B average on all work of upper division

(junior and senior) and grade level previously taken has satisfied the minimum requirements of the Graduate School in this regard.

The Graduate Record Examinations Aptitude Test. The Aptitude Test of the Graduate Record Examinations is designed to test preparation and aptitude for graduate study, and it must be passed with a combined score of 1,000 on the verbal and quantitative sections by everyone seeking admission to the Graduate School of The University of Texas Medical Branch at Galveston.

Admission on Probation. In the evaluation of a student's application, consideration will also be given to overall grade point average, performance on science courses and other factors. Consequently, some applications showing less than a B average in advanced work may be accepted upon special recommendation of the Committee on Graduate Studies in the proposed area of study. However, when a student with less than minimum requirements (including grade point average, subject matter preparation and/or GRE test score) is admitted on the recommendation of a Committee on Graduate Study, then that Committee will assign special conditions regarding the number of semester hours to be taken and specific grade point average to be maintained. If these conditions are not met, the student may be barred from subsequent registration in the Graduate School.

Permit to Register. A permit to register in the Graduate School may be granted a student who, for some valid reason, applies after the last scheduled date for the Graduate Record Examinations prior to the semester in which he plans to register. A student permitted to register on this basis is required to take and earn a combined score of 1,000 on the verbal and quantitative sections of the Graduate Record Examinations Aptitude Test the first time it is given after his initial registration.

Enrollment in Graduate Courses without Admission to Graduate School. Individuals holding the Baccalaureate degree or an equivalent degree may, by an arrangement with the Dean of the Graduate School, enroll in graduate courses (with permission of the instructor) even though they do not wish to enter the Graduate School or have been denied admission to it. However, students who have completed a Baccalaureate degree and have subsequently registered as special students will not be permitted to list any of the work taken prior to admission to the Graduate School in degree programs at either the Master's or Doctoral level without specific approval of the Committee on Graduate Studies and the Dean of the Graduate School.

Procedure after Admission. The successful applicant will be informed by mail about his admission and any conditions imposed on it. The student should then, at his earliest opportunity, get in touch with the adviser of the area in which he proposes to earn an advanced degree. Either through personal interview or, if necessary, through correspondence with the graduate adviser, the new graduate student should acquaint himself promptly with specific area regulations and requirements; for example, in some areas special entrance examinations are required. The student must have his course program approved each semester by the graduate adviser of his major area before he can register for courses.

General Graduate School Regulations

Student Responsibility. The student is held responsible for knowing degree requirements and enrolling for courses that fit into his degree program. He is likewise held responsible for knowing the University regulations in regard to the standard of work required for continuance in the Graduate School. If he needs additional information, he should consult the Office of the Graduate School.

For a complete list of requirements for a particular degree, the student should combine the General Requirements and Special Requirements listed under the specific degree for which he is applying.

Grades. Credit is given in the Graduate School for the grades A, B, and C. In the student's major, every semester hour of C must, as a minimum requirement, be balanced by a semester hour of A. Only graduate level courses taken in graduate status at The University of Texas Medical Branch at Galveston are counted in the average.

In some courses, the standard grading system is not practicable and, in these, the symbol CR is given; such courses are not counted in the average and are not counted in the number of semester hours specifically required in Master's degree programs. They are taken into account in Doctoral degree programs which do not have specific semester hour requirements.

The symbol X, reported in cases where the student has not completed all the assignments in a course before its conclusion, is valid for a period not to exceed twelve months. Before the end of this time, the student must turn in the required work for a regular grade. Otherwise, the X is changed automatically to an F.

Maximum Course Load. The normal maximum course load for a graduate student is fifteen semester hours; registration in excess of these maxima must have the special consent of the Dean of the Graduate School and will be permitted only under exceptional circumstances. If the student is employed by the University as a teaching assistant, research assistant or student assistant, his course load may be correspondingly reduced. The student should consult his graduate adviser about his combined course and work load. For exact information and regulations as to adding and dropping courses and withdrawal from the University, contact the Office of the Graduate School.

Minimum Course Load. The minimum course load for a graduate student is three semester hours.

Continuation in the Graduate School. Registration in the Graduate School beyond the first semester is dependent on the following factors: (1) satisfactory progress in absolving any admission conditions that were imposed; (2) maintenance of a B average in graduate courses taken in the major area; and (3) satisfactory progress in supporting graduate courses as determined by the Committee on Graduate Studies in the major area.

Should a graduate student's progress be unsatisfactory in a given semester, he will be warned by a letter from the Dean of the Graduate School that his continuance is in jeopardy. During the next semester in which he is registered, he must be able to maintain a B average, or he will be automatically dismissed at the end of it; and during this period the Dean of the Graduate School will not permit him to drop any courses or to withdraw.

The graduate student who has been dismissed may be re-admitted for further graduate study only by petition of the Committee on Graduate Studies of his proposed major area. This petition will be considered and approved or disapproved by the Dean of the Graduate School.

Requirements for Degrees

General Regulations

Residence. Each degree candidate must spend at least two semesters or the equivalent, in residence at The University of Texas Medical Branch at Galveston.

No student may receive advice and assistance from a member of the Faculty in the preparation of his thesis or dissertation without being registered.

"In absentia" registration constitutes an arrangement for the candidate who has finished the last requirements, including submission of thesis or dissertation, for his degree too late for the semester deadline but before the first registration day of the following semester. Such a candidate may, for a nominal fee, register in the next following semester for the sole purpose of receiving his degree in that semester.

Extension. Work done in extension classes, up to a limit of six semester hours, upon recommendation of the Committee on Graduate Studies and approval by the Dean of the Graduate School, may be allowed for graduate credit provided: (1) the courses and instructors are approved by the Graduate School and the department in which the student would have otherwise taken the work on campus; and (2) the applicant before taking the extension course, be accepted for admission to the Graduate School and approved by the Dean of the Graduate School for the courses desired.

Correspondence Courses. Courses done by correspondence are not accepted for graduate credit.

Courses Counted for Another Degree. A maximum of eight semester hours credit in graduate course work completed while enrolled in the School of Medicine may be counted toward a Master's degree, if it is equivalent to requirements for the Master's degree and if it is approved by the Committee on Graduate Studies and the Dean of the Graduate School.

Work done for the Master's degree may be included in the work for the degree, Doctor of Philosophy, provided it is acceptable to the candidate's supervisory committee and the Dean of the Graduate School.

Transfer of Credit. Ordinarily all work for the Master's degree is done at The University of Texas Medical Branch at Galveston. Under some circumstances, graduate course work may be transferred from another institution but only on the basis of a petition by the Committee on Graduate Studies in the student's major area and approval by the Dean of the Graduate School. In cases where such transfer is approved, the student must still meet the residence requirement of two full semesters or the equivalent.

Credit for Teaching. Up to three semester hours of credit toward the Master's degree or Doctoral degree may be granted to a candidate who completes at least two semesters of teaching in his major area (with special permission of the Dean of the Graduate School, the teaching may be in a supporting or minor area) at The University of Texas Medical Branch at Galveston, under the close supervision of a regular faculty member. To obtain this credit, the student teacher must enroll in a special graduate course in supervised teaching in his

area and receive the grade of B or higher; however, a grade of A will not offset C's made in course work. The Doctoral candidate may list this course in his official program of work.

English Language Requirement. Students admitted to the Graduate School are expected to write papers and examinations in English in a good, expository style, and to speak well and grammatically. For admission to some areas of graduate study, the student is required to pass an examination in the English language; in other areas his proficiency in written and spoken English will be evaluated in his courses and in his contacts with faculty members.

Time Limits. No official time limit has been imposed on acquiring the Doctoral degree; however, all doctoral work is subject to review by the dean. All requirements for the Master's degree, however, must be completed within one six year period. Work over six years old is lost and can be reinstated only by special permission of the Dean of the Graduate School, upon recommendation of the Committee on Graduate Studies.

Graduation Under a Particular Catalogue. General and specific requirements for degrees in Graduate School may be altered in successive catalogues, but the student is bound only by the requirements of the catalogue in force at the time of his admission, within a six-year limit. At his discretion he may choose to fulfill the requirements of a subsequent catalogue.

Graduation. Degrees are awarded at the end of the fall semester, the spring semester and the summer semester, but formal, public ceremonies are held only at the spring commencement. All candidates, including those actually awarded their degrees in the preceding fall and summer, are urged to attend commencement exercises. Since Doctoral degrees are conferred individually, it is particularly desired that Doctoral candidates be present for the ceremony of investiture at commencement at the end of the spring semester.

Fields of Graduate Study. The University of Texas Medical Branch at Galveston is authorized to offer graduate work in the fields of study listed below. Each field of study indicates the degree or degrees available in that field:

Anatomy	M. A.	Ph. D.
Biochemistry	M. A.	Ph. D.
Human Genetics	M. A.	Ph. D.
Microbiology	M. A.	Ph. D.
Pathology	M. A.	
Pharmacology and Toxicology	M. A.	Ph. D.
Physiology	M. A.	Ph. D.
Preventive Medicine and Community Health	M. A.	Ph. D.

Doctor of Philosophy degree programs may be developed, with the consent of the Dean of the Graduate School, in areas extending beyond those listed above, in areas in which those listed above overlap, and in specialized subfields.

Supporting work for the Ph. D. degree may be done in any of the areas listed above or in any other unit of The University of Texas System offering sufficiently advanced work that correlates with the major field.

The Graduate School of The University of Texas Medical Branch at Galveston offers the degree of Doctor of Philosophy.

The basis for award of the degree, Doctor of Philosophy, is the candidate's demonstration of his mastery of a selected field and of his ability to do independent scholarship in it. The Committee on Graduate Studies is responsible for recommending students as candidates for this degree upon their demonstration of their mastery of the field. The supervisory committee is responsible for certifying the candidate's ability to accomplish independent scholarship.

Outline of Routine for all Doctoral Students

1. Meeting foreign language requirement.
2. Admission to candidacy by the Committee on Graduate Studies of the student's major area, after appropriate examination is stipulated by the Committee on Graduate Studies.
3. Selection of a supervising professor.
4. Securing of an application for candidacy form from the Graduate School Office.
5. Submission of the application for candidacy form, including the program of work, to the Graduate School Office. Upon receipt of these forms, correctly filled out, the Graduate Dean will appoint the supervisory committee.
6. Filing a diploma name card in the Graduate School Office.
7. Submission of the dissertation to the supervisory committee.
8. Submission of the dissertation data sheet.
9. Formal request for the final oral examination, accompanied by dissertation abstract and the candidate's vita.
10. Submission of the Report of Final Oral form, signed by the supervisory committee, to the Graduate School Office immediately following completion of the final oral examination. This form certifies that the student has completed the work assigned by the committee; passed all examinations required by the department, including the final oral; completed a dissertation which gives evidence of ability to do independent investigation in the major field, and itself constitutes a contribution to knowledge; and submitted for publication in "American Dissertation Abstracts" an abstract which meets the approval of the committee.
11. Submission of the following items to the Graduate School Office not later than the published deadline for the semester in which the degree is to be awarded: (a) original copy of the dissertation, signed by the committee (all candidates should determine, in advance of typing the final draft, whether there are special requirements in their major area for additional copies of the dissertation); (b) payment of fee for microfilm reproduction, in addition to any other costs; (c) official transcript of all graduate work; (d) copyright disclaimer; (e) survey of earned doctorate; and (f) microfilm agreement.

Foreign Language Requirement. All Doctoral programs in the Graduate School have a minimum requirement of proficiency in one foreign language for admission to candidacy. Selection of a specific language will be made by the student's Committee on Graduate Studies. If the committee decides on a language other than French, German, Russian or Spanish, its choice is subject to the approval of the Graduate

The minimum requirement in foreign languages can be satisfied: (1) by an examination approved by the Dean of the Graduate School or (2) by completion of two academic years of study of the language at an accredited college with a grade of at least B either before or after entering Graduate School.

The minimum requirement may be waived by the Graduate Dean upon special petition of the appropriate Graduate Studies Committee on behalf of the candidate. This action shall in no way affect the right of the Committee on Graduate Studies to require demonstration of a higher level of proficiency if needed in relation to specific programs. In some areas a higher degree of mastery of the selected language or proficiency in one or more additional languages may be required.

Admission to Candidacy. A student should not apply for admission to candidacy until he has met the minimum foreign language requirement of the Graduate School. Until the student has a supervisory committee appointed, he shall be under the direction of the Committee on Graduate Studies in his major area. Every student who seeks the degree of Doctor of Philosophy must be admitted to candidacy on the recommendation of the Committee on Graduate Studies in his major area or of a special committee appointed by the Dean of the Graduate School in consultation with the Committee on Graduate Studies, on the basis of a qualifying examination, written or oral, or both. The application for candidacy must be approved by the Dean of the Graduate School.

Supervising Professor. Before a student is admitted to candidacy and has a supervisory committee appointed by the Dean of the Graduate School, he will plan his program with the assistance of the Committee on Graduate Studies or an advisory committee appointed by them and the graduate adviser. A supervisory committee will normally consist of five members, four from the candidate's major area (including one member from another institution), and one from a supporting field. After the student has been admitted to candidacy, he should select a supervising professor. This supervising professor will be in charge of the candidate's Doctoral dissertation and will act as chairman of the supervisory committee. It will be the responsibility of this supervisory committee to see that he satisfies all requirements. In every instance, final approval of the candidate's program shall be the responsibility of the Dean of the Graduate School.

Course Requirements. Although advanced course work is an integral part of the Doctoral candidate's preparation, no minimum number of semester hours (corresponding to the thirty hours requisite for the Master's degree) has been set for attainment of the Doctor of Philosophy degree; however, all doctoral work is subject to review by the Dean of the Graduate School. The real basis on which the degree is awarded, is the candidate's demonstration of his mastery of a selected field and of his ability to do independent scholarship in it.

A candidate is expected to have a major area which represents his most intensive field of study. Moreover, the candidate will undertake all appropriate work needed to broaden or supplement his field of specialization. Officially termed supporting work, this may consist of course work in one department or in several; it may be conference, laboratory or problems work; or it may be some special and supervised activity off campus relevant to the candidate's major interest. Some portion (not necessarily all) of the supporting work will normally be outside of the major area, unless that area covers more than one department. The Graduate School does not insist on a comprehensive examination in the supporting work, but either the appropriate Committee on Graduate Studies or the candidate's supervisory committee may impose one at its own discretion.

Doctoral Dissertation. No student will be permitted to register for a dissertation course until he has been admitted to candidacy. The dissertation is required of every candidate and must be, as a result of independent investigation in the candidate's major area, an original contribution to scholarship. It must be accepted by the candidate's supervisory committee, though at the request of this committee the Dean of the Graduate School may appoint a subcommittee to pass on the dissertation.

Before the prospective date for the awarding of the degree, the supervising professor will receive a complete copy of the dissertation (unbound) from the candidate. The supervising professor will make the necessary arrangements for supplying the other members of the committee with a copy of the dissertation and will insure that sufficient time for reading it will be provided. After the whole committee has familiarized itself with the dissertation, the members sign a notice of acceptance by which they state their willingness to examine the candidate on his dissertation.

Final Oral Examination (Defense of Dissertation). Until the final oral examination has been successfully passed, the dissertation is not actually regarded as approved. The examination will cover the dissertation and the general field of the dissertation, and such other parts of the student's program as the committee may determine. If the examiners are satisfied that the candidate has: (1) completed the work assigned by the committee; (2) passed all examinations required by the department, including the final oral; (3) completed a dissertation which gives evidence of ability to do independent investigation in the major field and itself constitutes a contribution to knowledge; (4) submitted for publication in "American Dissertation Abstracts" an abstract which meets the approval of the committee, they then sign the approval sheets for the Doctoral dissertation and an official recommendation of the candidate to the Dean of the Graduate School.

Submission and Publication of Dissertation. The successful candidate is required to pay the cost of microfilm reproduction of his complete dissertation by University Microfilms, Inc., Ann Arbor, Michigan.

With the dissertation, the student must also submit to the Dean of the Graduate School two copies of an abstract, not to exceed two pages in length (double-spaced), which has been approved in final form by the supervisory committee. This will be published in "American Dissertation Abstracts."

Publication by University Microfilms, Inc. does not preclude subsequent publication of the dissertation, in whole or in part, as a monograph or in a journal. Copyright, at the author's expense, may be arranged if desired. In order to protect patent or other rights, the Dean of the Graduate School may be requested to delay publication by University Microfilms, Inc. for a period of one year. This request must be supported by a written recommendation from the supervising professor.

MASTER'S DEGREE

The Graduate School of The University of Texas Medical Branch at Galveston offers the Master of Arts degree with majors in the areas indicated.

Outline of Routine for all Candidates for Master's Degrees

1. Filing in the Graduate School Office: (a) a diploma name card; (b) an application for candidacy; (c) a program of work; and (d) an official transcript of all work done at The University of Texas Medical Branch at Galveston.
2. Submitting the thesis to the supervisory committee.

3. Submitting to the Graduate School Office for final approval of the Graduate Dean two bound final copies of the thesis.

General Requirements for all Master's Degrees

Entering Examination. The Committee on Graduate Studies in the student's major area may, at its discretion, examine the student on his undergraduate preparation before his application to enter the program is approved.

Requirements. For any Master's degree, thirty semester hours of graduate instruction are required. Eighteen to twenty-four semester hours, including the thesis, must be in the major area of instruction. An obligatory part of every Master's degree program consists of a minimum of six hours in a supporting subject or subjects outside the major area. The relative number of hours in the major and supporting fields, as well as the nature of the supporting work, will be determined in consultation with the student's graduate adviser. Until the student has a supervisory committee appointed, he shall be under the direction of the Committee on Graduate Studies in his major area. Every proposed program of work needs the approval of the Dean of the Graduate School.

Thesis. The candidate for the Master's degree writes his thesis under the direction of a supervising instructor who is chairman of a supervisory committee appointed by the Dean of the Graduate School. The thesis is subject to the approval of the committee and ultimately to the approval of the Dean of the Graduate School. The researching and writing of the thesis involves six semester hours of credit but, with special permission of the supervisory committee and the Dean of the Graduate School, nine semester hours of credit may be given to it.

Final Examination. In many areas a candidate may, in addition to preparing a thesis, be required to pass an oral or written examination (or both) conducted by his supervisory committee.

Health Requirements

A medical data form to be filled out by the applicant and a licensed Doctor of Medicine, must be submitted as part of the formal application. Forms to be used for this purpose will be furnished with the application blank.

Entering students will be given a physical examination by members of the staff. Physical examinations may be required subsequently at the beginning of each academic session or when requested.

Prior to entering Graduate School and in order to avoid inconvenience and possible loss of time from classes, students must receive immunizations as listed below at their own expense. A form to be used for this certification from a licensed physician will be furnished to each applicant granted admission. A military service immunization record will satisfy these requirements:

- (1) Smallpox vaccination: a successful immunization giving at least an immune reaction, within the past year.
- (2) Tetanus: a full course of tetanus toxoid or a booster within the past year.
- (3) Diphtheria: a negative Shick test. A full course of diphtheria toxoid if "Shick positive," with retesting six weeks later.

Registration

The applicant will receive complete details concerning the time and place of registration from the Office of Admissions at the Medical Branch. Registration must be completed within the first week of each session and, if possible, on the day set for that purpose.

Legal Residence

Following are the nonresident regulations defined by the Texas Legislature. Under these regulations, the term "residence" means "domiciled" and the term "resided in" means "domiciled in." The Commission on Higher Education provides uniform interpretations of the statutes and interested students should consult the Director of Admissions and Student Personnel Services for such interpretations.

1. An individual under twenty-one (21) years of age, 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.
2. 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.
3. An individual twenty-one (21) years of age or under whose parents were formerly residents of Texas is entitled to pay the resident tuition fee for the 12-month period immediately following the parents' change of legal residence to another state.
4. 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 resident student as long as he continues to maintain a legal residence in Texas.
5. 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.
6. 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. 1240

7. 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 accept the legal residence of the spouse in another state.
8. (1) 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; provided, however, that out-of-state Army National Guard or Air National Guard members attending training with Texas Army or Air National Guard units under National Guard Bureau regulations shall not be exempted from nonresident tuition by virtue of such training status nor shall 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 fees and other fees and charges only when they become members of Texas units of military organizations mentioned above.
(2) 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.
(3) 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 will pay the nonresident tuition fee.
(4) 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.
(5) 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

4272

James Pai-Fun Chen, Research Assistant Professor in the Department of Physiology and Assistant Professor (Biochemistry) in the Department of Human Genetics, 1968, 1970.

B.S., Houghton (New York), 1955; M.S., St. Lawrence, 1957; Ph.D., Pennsylvania, 1960.

Richard Edwin Coggeshall, Chief, Ultrastructure Section, Division of Comparative Marine Neurobiology; Marine Biomedical Institute and Professor in the Department of Anatomy, 1971.

B.A., Chicago, 1951; M.D., Harvard, 1956.

Rosemary Corner, Instructor in Preventive Medicine and Community Health, 1969.

B.A., Texas (Austin), 1961; M.D., Texas (Galveston), 1965.

Daniel L. Creson, Assistant Professor of Neurology and Psychiatry and Assistant Professor of Preventive Medicine and Community Health, 1968, 1971.

B.A., Texas Tech, 1957; M.D., Texas (Galveston), 1962.

Etta Macdonald Davidson, Associate Professor of Microbiology, 1947, 1956.

B.A., B.S., Texas (Austin), 1940; M.S., Wisconsin, 1944; Ph.D., 1948; M.D., Texas (Galveston), 1949.

Warren Francis Dodge, Associate Professor of Pediatrics and Associate Professor of Preventive Medicine and Community Health, 1960, 1968.

B.S., Tennessee, 1952; M.D., 1955.

Donald Duncan, Ashbel Smith Professor of Anatomy, 1932, 1968.

B.A., Carleton College, 1923; M.A., Minnesota, 1927; Ph.D., 1929.

Sydney Ellis, Professor and Chairman, Department of Pharmacology and Toxicology, 1967.

B.S., Boston, 1938; M.A., 1939; Ph.D., 1941.

George Albert Emerson, Professor of Pharmacology and Toxicology, 1944, 1966.

A.B., California, 1932; M.S., 1933; Ph.D., 1934.

Adam Ewert, Assistant Professor of Microbiology, 1967.

B.A., Tabor College, 1951; M.A., Texas (Austin), 1960; Ph.D., Tulane, 1964.

Robert Feinstein, Biomedical Engineer; Marine Biomedical Institute and Assistant Professor in the Department of Physiology, 1971.

B.E.E., Pratt Institute, 1965; M.S. (Bioengineering), Michigan, 1967; M.S. (Systems Engineering), 1968; Ph.D., 1970.

Dean Sydney Folse, Research Assistant Professor of Pathology and Research Assistant Professor in the Department of Internal Medicine and Veterinarian in the Animal Care Center, 1969, 1970.

B.S., Texas A&M, 1945; D.V.M., 1945; Ph.D., Texas (Galveston), 1970.

Gerald Maxwell Fuller, Assistant Professor of Human Genetics and Adjunct Member of the Marine Biomedical Institute, 1970.

B.A., Texas (Austin), 1958; M.A., Sam Houston State, 1960; Ph.D., California, 1968.

John B. Fuller, Professor of Pathology, 1968.

B.S., Hampden-Sidney College, 1940; M.D., Medical College of Virginia, 1943.

residents of Texas within sixty (60) days of the date of death.
 (6) 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.

9. 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 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.
10. An alien student is classified as a nonresident student; however, 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.
11. The nonresident tuition fee prescribed in this Act does not apply to a nonresident student who is a resident of a state situated adjacent to Texas and who registers in any Texas public junior college situated immediately adjacent to the state in which the resident resides. The nonresident student described in this Subsection shall pay an amount equivalent to the amount charged a Texas student registered at a similar school in the state in which the nonresident student resides.
12. 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.
13. The Governing Board of state-supported institutions of higher education are authorized to assess and collect from each nonresident student failing to comply with the rules and regulations of the Governing Boards concerning nonresident fees a penalty not to exceed Ten Dollars (\$10) a semester.

Selective Service Requirements

Upon request of student, the Director of Admissions will send Selective Service System Form SSS (Graduate or Professional College Student Certificate) to the student's local draft board.

Prepayments

Registration Deposit. --On acceptance by the Graduate School and in order to reserve a place in class, a \$10 fee is required. Upon matriculation, the \$10 fee will serve as library-laboratory-property deposit. This deposit covers library fines and breakage of laboratory equipment and other charges resulting from damage to or loss of University property. If at any time the deposit falls below \$5, the student will be notified and will be required to restore the deposit to its original amount. Whatever remains will be refunded to the student after graduation or withdrawal from school upon written request.

Tuition and Fees¹

Tuition and fees for each academic year are due and payable in full at the time of registration and a student is not registered until his fees are paid in full. Students should be prepared to pay tuition at the time of registration.

Tuition. In accordance with the provisions of House Bill 43, passed by the Sixty-second Legislature, tuition for students in the Graduate School will be as follows:

TEXAS RESIDENTS

Tuition is \$4 per semester hour with a \$50 minimum charge per semester. If a student is registered for thesis or dissertation only, the charge will be \$12 (3 hours) or \$24 (6 hours).

NONRESIDENTS

Tuition is \$40 per semester hour.

ALIENS

Students who are not citizens of the United States will pay at the rate of \$14 per semester hour with a minimum charge of \$200 per semester.

Definitions of "Resident" and "Nonresident" students are in this catalogue under "Legal Residence" for fee purposes.

Nonresident and alien students may enroll for thesis or dissertation credit only for a charge of \$50.

Furthermore, if the student is employed at least half-time by a Texas State Institution of Higher Education in a position which relates to his degree program, or if the student's spouse is employed at least half-time by a Texas State Institution of Higher Education, the student's tuition will be computed according to the schedule for Texas residents.

In Absentia Registration

Resident	\$15.00
Nonresident	18.50

¹The University of Texas Medical Branch at Galveston reserves the right to change tuition and fees in keeping with the action of the Texas State Legislature or the Board of Regents.

Laboratory Fee. --Laboratory fees (for each laboratory course):

Three semester hours or less.	\$4
Four semester hours or more.	8

Student Health Fee. --To cover the cost of hospitalization and medical care by the University Health Service, a fee of \$20 a semester is charged. For a nominal fee, dependents may be added to Blue Cross coverage.

Graduation Fee. --A fee of \$24 will be assessed all degree students to cover the cost of diplomas, caps and gowns, and other incidental costs of graduation. This fee must be paid at the time of filing the diploma name card.

Refund of Fees. --Refund of tuition because of withdrawal from school is made under the following conditions: any student withdrawing officially (1) during the first week of classwork of a semester will receive a refund of 70 per cent of the applicable portion of the fee; (2) during the second week, 60 per cent; (3) during the third week, 40 per cent; (4) during the fourth week, 20 per cent; (5) during the fifth week and thereafter, nothing.

In no case shall the refund provided for above exceed 70 per cent of the tuition fees. An immediate refund will not be made to a student who withdraws, but within approximately 30 days, a check covering all refunds will be mailed to the address left with the Office of Admissions.

Living Arrangements

Housing is an individual matter and each student must make his own arrangements. Air-conditioned dormitory rooms for women are available on campus. Students are housed two to a room in units made up of two bedrooms with adjoining bath. A cafeteria is available in the John Sealy Hospital.

Inquiries concerning dormitory rooms should be sent to:

Manager
Dormitories and Apartments
The University of Texas Medical Branch at Galveston
Galveston, Texas 77550

All fraternities have houses within easy walking distance of the medical school, and room and board is available to their members at reasonable cost.

Married students should make arrangements for living accommodations well in advance of matriculation and prior to bringing their families to Galveston. There will be little time available for this purpose after entering school.

Exemption from Fees. --Exemption of Texas ex-servicemen. --The State Legislature has directed that a legal resident of Texas is to be exempted from certain required fees but not from deposits when he meets all of 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 was a "bona fide" legal resident of the state at the time of entering such service.
3. 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.

4. He was honorably discharged therefrom (except those who were discharged because of being over the age of thirty-eight or because of a personal request).
5. He is not eligible for education benefits provided for veterans by the United States Government.

To obtain this exemption, the veteran should apply to the Office of Student Personnel Services for instructions well in advance of the date on which he expects to utilize this benefit for registration. Every applicant claiming the benefit of this exemption must submit satisfactory evidence that he is a legal resident of Texas (see page _____) and was a "bona fide" legal resident of Texas at the time of entering such service and is otherwise entitled to the exemption. Until such proof has been accepted by the Office of Student Personnel Services and the entitlement established, the student will pay the regular fees from his own funds.

Benefits for children of Texas veterans. --Exemptions from payment of certain fees also 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. For procedure to follow under this provision, contact the Office of Student Personnel Services.

Exemption of children of certain disabled public employees. --By an act of the Fifty-ninth Legislature, 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. For procedure to follow under this provision, contact the Commissioner of Higher Education.

Exemption of certain deaf and blind students. --By an act of the Fifty-ninth Legislature, blind or deaf persons who are Texas residents are exempt from payment of tuition fees. For procedure to follow under this provision, contact the Commissioner of Higher Education.

Exemption of high school graduates of state orphanages of Texas. --By an act of the Fifty-first Legislature, citizens of Texas who are high school graduates of the state orphanages of Texas are exempt from certain required fees, including fees for correspondence courses, but not from deposits. After his application for admission has been approved, the applicant should request a scholarship card from the Office of Student Personnel Services.

Payment of fees for handicapped students. --Texas Education Agency, through its Vocational Rehabilitation Office, offers payment of tuition and other fees and services to civilian students (normally nonveterans) who have certain physical handicaps, provided the vocational objective selected by the student has been approved by a representative of the division. Application for vocational rehabilitation should be made to the Austin Rehabilitation District Office, 100 1/2 West Tenth Street, or to the District Rehabilitation Office nearest the student's home.

STUDENT AFFAIRS

Honor System

The Honor System is the means by which the protection of the examination system and a greater responsibility for the general conduct of student affairs is assumed by the student body. Its purpose is to allow maximum freedom for students during the examinations and, at the same time, to insure the validity of the examinations.

When the student accepts this freedom, he is placed on his honor by the group neither to cheat on an examination, nor to violate the trust placed in him in any way. The only limitations placed on this freedom are those rules made through the Honor Council for the best interest of the group. The student body is directly responsible for the effective working of the Honor System. In order to uphold the validity of degrees obtained under the Honor System, such steps must be taken as are necessary to protect the student body from those who violate the trust placed in them. These measures will be carried out by an elected body known as the Honor Council. The Honor Council shall be responsible to the Faculty of The University of Texas Medical Branch through the appropriate dean. The faculty gives recognition to this Constitution by means of which it confers upon the student body the privileges and responsibilities of the Honor System. The Faculty Committee on Student Affairs shall act as an advisory board for the Honor Council and shall review the report of all hearings. Graduate students who are taking courses in the School of Medicine at Galveston shall be bound by the same pledge as medical students and shall be subject to the provisions of this Constitution.

Membership in this Honor System shall include all students enrolled in The University of Texas Medical Branch.

The student formally enters this organization on entering The University of Texas Medical Branch when, in the normal course of matriculation, he shall be required to sign a pledge stating that he will support the Honor System. Duties of each member shall include:

- a. The signing of the following pledge at the time of matriculation:
 "I hereby agree to support and to be governed by the Honor System of The University of Texas Medical Branch, throughout my present or subsequent enrollment period.
 "I will neither give nor receive aid concerning any examination.
 "I will report any violation of the Honor System as provided for in the Constitution of the Honor System.
 "I understand that the penalty for violation of the Honor System may be dismissal from The University of Texas Medical Branch.
 Signed."
- b. Becoming thoroughly informed concerning the Constitution and Standing Rules of the Honor System.
- c. Reporting any violation in the manner prescribed under Article V of this Constitution.

Privileges of each member shall include the following:

- a. There shall be no deliberate proctoring on any examination.
- b. He shall enjoy the general freedom of conduct which is associated with assuming a wider and more mature level of personal responsibility in student affairs.

Upon registration in the Graduate School, each student must signify in writing that he has read the provisions of the Honor System and that he subscribes to the Honor System.

Student Conduct and Discipline

The University of Texas System and its component institutions have rules and regulations for the orderly and efficient conduct of their business, and each student is charged with notice and knowledge of the contents and provisions thereof.

All students are expected and required to obey the law, to show respect for properly constituted authority and to observe correct standards of conduct.

Gambling, immoral conduct, dishonesty, the illegal use, possession or sale of a drug or narcotic, or the excessive use of intoxicating liquors renders the student subject to discipline. Any student placed on probation for or finally convicted of illegal use, possession or sale of a drug or narcotic shall be automatically expelled from school, regardless of whether or not the illegal act that gave rise to the conviction was committed on the campus of one of the component institutions of The University of Texas System.

Hazing in state educational institutions is prohibited by state law. (Texas Penal Code 1925, Articles 1152, 1153, 1154 and 1155). Hazing with or without the consent of a student is prohibited by The University of Texas System, and a violation of that prohibition renders both the person inflicting the hazing and the person submitting to the hazing subject to discipline.

Initiations by organizations may include no feature which is dangerous, harmful or degrading to the student, and a violation of this prohibition renders the organization subject to discipline.

Any student who acting either singly or in concert with others, obstructs or disrupts, by force or violence, any teaching, research, administrative, disciplinary, public service, or other activity authorized to be held or conducted on the campus of a component institution of The University of Texas System, shall be subject to discipline, including expulsion. As used in this subsection, the words "force or violence" include such acts as "stand-ins," "sit-ins" and "lie-ins," when such acts are in fact obstructive or disruptive of any of the authorized activities listed above.

The component institutions of The University of Texas System shall administer student discipline within the procedure of recognized and established due process. Accordingly, reasonable notice should be given the student of the specific charge of misconduct against him, which, if proved, would be a violation of some rule or regulation of The University of Texas System or of the institution of which he is a student.

Student Debts

The University is not responsible for debts contracted by individual students or by student organizations. On the other hand, the University expects all students and student organizations to conduct themselves honorably in all commercial transactions. The University will not assume the role of a collection agency except for monies owed to the University, nor will the University adjudicate disputes between students and creditors over the existence or the amount of debts.

In the event of nonpayment to the University, one or more of the following actions may be taken: (a) a bar against readmission for the student, (b) withholding of the student's grades and official transcript, (c) withholding of a degree to which the student otherwise would be entitled.

Student Organizations

An organization in which membership is limited to students (recognizing faculty and staff may also be members) may become a registered student organization at the University by complying with the registration procedures and with approval of the dean.

A registered student organization may state that its membership is composed of students or students and staff of the University, but shall not suggest or imply that it is acting with the authority of the University.

The dean, with the approval of the institutional head, may issue regulations governing the eligibility of students for participation in organized activities. Any student organization is subject to disciplinary action or revocation of registration as a student organization for violation of University policies or regulations.

Use of University-owned Facilities

Use of Physical Facilities of the University by Outside Groups; a Registered Student Organization as Joint Sponsor. --Registered student organizations may use University physical facilities in compliance with institutional regulations. Groups of students which are not registered may not use University physical facilities. Registered student organizations may not enter into joint sponsorship of any on-campus project or program with individuals, groups of students which are not registered, or non-University groups, except as provided in Part Two, Chapter VI, Sec. 6 of the "Rules and Regulations of the Board of Regents for the Government of The University of Texas."

Speech and Assembly

Freedom of inquiry and discussion are basic and essential to intellectual development. Students have the right therefore, to freedom of speech and assembly, subject to the following:

(1) "It shall be unlawful for any person knowingly or willfully to...advocate, abet, advise, or teach by any means...under such circumstances as to constitute a clear and present danger to the security of the United States, or of the State of Texas, or of any political subdivision of either of them..." (Texas Civil Statutes, Article 6889-3A, Sec. 5)

(2) The time, place, and manner of exercising speech and assembly on the campuses shall be subject to regulations adopted by the University. Such regulations require orderly conduct, noninterference with University functions and/or activities, and identification of sponsoring individuals or groups.

Off-Campus Speakers

The University of Texas Medical Branch reserves the right to regulate the presentation of guest speakers on the campus who are not affiliated with the University. Off-campus speakers must be registered in advance by the sponsoring group with the Office of Admissions and Student Personnel Services. Forms for this purpose are available in the Office of Admissions and Student Personnel Services.

Anonymous Publications

Anonymous publications are prohibited. Any student publishing or aiding in publishing, or circulating or aiding in circulating, any anonymous publication will be subject to suspension.

ACADEMIC DEPARTMENTS AND COURSES OF INSTRUCTION

Anatomy

(CURRENT PHOTOGRAPH OF PROFESSOR AND CHAIRMAN)

Members

Walther J. Hild	Professor and Chairman
Bryant Benson	Associate Professor
Richard Edwin Coggeshall	Professor
Donald Duncan	Ashbel Smith Professor
C. Ward Kischer	Associate Professor
Glenn V. Russell	Professor
Eberhardt K. Sauerland	Professor
William D. Willis, Jr.	Professor
Robert D. Yates	Professor

Associates

Gerald Callas	Assistant Professor
Michael B. Hancock	Assistant Professor
Glenn A. Meyer	Assistant Professor
Lawrence M. Ross	Assistant Professor
Margaret Claire Young	Instructor

Programs of Study: The department offers programs leading to the M.A. and Ph.D. degrees. Preference is given to applicants interested in the Ph.D. degree.

The programs include course work, teaching assistantship duties and original research. A thesis is required for the M.A. degree and a dissertation for the Ph.D. degree. At least two years of study are required to complete the master's program and four years for the doctoral program.

During the first year, students take courses in gross anatomy, medical embryology, microscopic anatomy and neurobiology. In the second year the student becomes familiar with the different areas of research, starts his teaching experiences and continues the required and elective course work. A master's degree candidate completes his thesis and takes a final comprehensive examination covering his research at the end of the second year or at the completion of his research project. A qualifying examination is given to students in the doctoral program at the end of the second year. During the last two years of the doctoral program a student, under the guidance of an adviser and his doctoral committee, concentrates on research in the area in which he is particularly interested and writes a doctoral dissertation that is acceptable to the department and to the Graduate School. Frequently, he will also take additional course work in his area of interest. All doctoral students must demonstrate a reading knowledge of one foreign language.

Areas of specialization include gross anatomy, microanatomy, neuroanatomy, neurophysiology, experimental embryology and teratology, endocrinology, ultra-structural cytology and tissue culture. Graduate students will have ample opportunities to familiarize themselves with the numerous techniques and research tools now in use in the biological sciences.

Students usually begin their studies in the fall semester.

Facilities: The department is housed in the Keiller Building. There is ample space and equipment available for research in all phases of anatomy. The department is particularly well equipped with electron microscopic facilities, a tissue culture laboratory equipped with micromanipulation and time-lapse instrumentation and

equipment for electrophysiology especially adapted to work on the spinal cord, brain stem and cerebral cortex. Facilities and equipment to work in endocrinology and experimental embryology are excellent.

Specific Admission Requirements: Applicants should have an undergraduate major in a life science, together with a suitable background in physical science and mathematics. An average of B in advanced work (senior college and graduate-level) and a combined score of 1100 on the verbal and quantitative portions of the Graduate Record Examination are minimum nonprobationary admission requirements.

Graduate Courses:

6701. Gross and Developmental Anatomy. --Lectures, conferences and laboratory work covering the gross anatomy of the entire body. Four students are assigned to a cadaver, and each student is loaned a disarticulated skeleton. Laboratory study is aided by a large number of permanent glass mounted dissections, an extensive collection of roentgenograms, fluoroscopic demonstrations and clinical case presentations. Lecture, five hours a week; laboratory, eight hours a week; first semester. Seven semester hours. \$8 laboratory fee.

6302. Microscopic Anatomy. --Lectures, conferences, demonstrations and laboratory work on the microscopic anatomy of the human body. The course starts with consideration of the cell in the living and fixed state and proceeds to study of the tissues and systematic organology. Presentation of the subject includes motion pictures of living cells, microscopic slide demonstrations and use of a large number of models and charts. Lecture, two hours a week; laboratory, two hours a week; first and portion of second semesters. \$4 laboratory fee.

6304. Advanced Gross Morphology. --Lectures, assigned reading and conferences on the comparative, functional and the clinical aspects of human gross anatomy. Prerequisite: Anatomy 6701. Lecture, two hours a week; laboratory, three hours a week; first semester. Three semester hours.

6205. Advanced Neuroanatomy. --Conferences, demonstrations, and assigned reading on details on neural organization and their functional significance. The course includes attendance at a weekly conference on gross pathology of the brain. Lecture and conference, three hours a week; second semester. Two semester hours.

6206. Advanced Developmental Anatomy. -- Conferences, reading, study of the local collection of human embryos. Prerequisite: Anatomy 6302. Lecture and conferences, three hours a week; second semester. Two semester hours.

6207. Advanced Histology. --Analysis of tissues and organs by microscopic methods including histochemistry. Prerequisite: Anatomy 6302. Lecture, one hour a week; laboratory, six hours a week; second semester. Two semester hours. \$4 laboratory fee.

6108. Special Cytology. --Lectures and demonstrations on the special techniques that are used for the study of living cells and tissues. Lecture or conference, two hours a week; second semester. One semester hour.

6209. Advanced Endocrinology. --A lecture course reviewing present knowledge on structure and function of the endocrine glands. Lecture and conference, three hours a week; second semester. Two semester hours.

6210. Experimental Endocrinology. --A study of methods and preparations commonly

used in endocrinology with practical experience. Lecture and conference, two hours a week; laboratory, three hours a week; second semester. Two semester hours. \$4 laboratory fee.

6312. Biological Electron Microscopy. --Lectures, conference and laboratory work on the methodology and interpretation of electron microscope pictures of biological materials. Prerequisite: Anatomy 6302. Lecture and conference, two hours a week; laboratory, three hours a week; second semester. Three semester hours. \$4 laboratory fee.

6113. History of Anatomy. --Conferences and assigned readings on the great anatomists and their discoveries. Lecture, one hour a week; second semester. One semester hour.

6114. Anatomy Seminar. Reports and discussion of staff research, reviews of the literature, lectures by visitors. Credit for seminar granted on the basis of attendance, participation and an examination. Lecture, one hour a week; offered throughout the year and may be repeated for credit. One semester hour.

6215. Anatomy of the Kidney. --Lectures, conferences and demonstrations on the normal gross and microscopic structure of the kidney in man and the lower animals. Prerequisite: Anatomy 6302. Lecture and conference, three hours a week; second semester. Two semester hours.

6916. Research in Anatomy. --Semester hour credit is granted on the usual basis to student doing independent or contributing to group research. Not to exceed nine semester hours credit.

6417. Basic Neuroscience. --A lecture and laboratory course stressing the basic principles of neuroanatomy and neurophysiology as they relate to the normal and diseased human nervous system. Subject matter from neuropharmacology, neurochemistry and related disciplines is included where pertinent. Also listed as Physiology 6424. Lecture and conference, five hours a week; laboratory, three hours a week; second semester. Four semester hours. \$8 laboratory fee.

6318. Cell Biology. --Lectures and conferences which correlate cell structure and function. The course includes aspects of cellular organelles, genetics, energy production and reproduction. Prerequisite: Biochemistry 6501. Also listed as Physiology 6325. Lectures and conferences, three hours a week. Three semester hours.

6419. Endocrinology. --Lectures and conferences designed to correlate structure and function of organs of the endocrine system. The course stresses basic and integrated aspects of the anatomy, physiology, biochemistry and pathology of this organ system. Also listed as Physiology 6426. Lectures, four hours a week; conferences, two hours a week. Four semester hours.

6698. Thesis. --Prerequisite: Admission to candidacy for the Master's degree. Maximum credit, six semester hours.

6699. Dissertation. --Prerequisite: Admission to candidacy for the Doctor of Philosophy degree.

Behavioral Sciences

Members

Harold A. Goolishian	Professor
Charles O. Gaston	Associate Professor
John E. Overall	Research Professor

Associates

Perrie M. Adams	Assistant Professor
Ernest S. Barratt	Research Professor
Daniel L. Creson	Assistant Professor
Mark L. McElhaney	Assistant Professor
June M. Tuma	Assistant Professor

Special Member

Roger N. Blakeney

Programs of Study: This is a non-degree course sequence designed to offer course work and other experiences to graduate students in degree programs as a basis for integration of the behavioral sciences into their careers in research and education.

The courses offer instruction in human psychological growth and development, social organization and its contributions to behavior and an introduction to the objective assessment of human and animal behavior.

The courses are available to any student admitted to one of the approved graduate degree programs.

Graduate Courses:

6301. Personality Growth and Development Through the Life Cycle. --This course considers the normal growth and development of the individual from birth to death. The emphasis throughout is on the wide range of adjustive techniques employed by the individual in his dynamic relationship with his culture. The various stages of the life cycle with their unique demands on the individual are considered. Each student will prepare a paper based on a review of the literature on a specific aspect of human development. Lecture, three hours a week. Three semester hours.

6302. Human Society: Problems and Principles. --An introduction to the study of social systems as wholes with primary emphasis on the characteristic and range of variation of human society. Secondary emphasis is upon how individuals may be shaped and transformed through participation in human interactional contexts. Pre-requisite: Behavioral Science 6301. Lecture, three hours a week. Three semester hours.

6303. Seminar in Behavioral and Social Research Techniques. --Seminars designed to present theoretical and practical aspects of research techniques in behavioral and social research. Behavioral and psychological testing plus observational evaluation are included. Seminars, three hours a week. Three semester hours.

6904. Directed Reading and Research in Behavioral Science. --Laboratory and library research performed by the student under the direction of the faculty. Projects are designed so as to lead to augmentation of the student's major research interest. Credit varies according to the work performed. Maximum credit, nine semester hours.

BiochemistryMembers

Allan L. Goldstein	Professor and Chairman of the Division
Viktor W. Holoubek	Associate Professor
Forrest G. Houston	Associate Professor
Virgil L. Koenig	Professor
Gordon C. Mills	Professor
Wiktor W. Nowinski	Research Professor
Andrew A. Ormsby	Professor
Donald A. Rappoport	Research Professor
Marvin R. Shetlar	Professor
Leland L. Smith	Professor

Associates

Kazko Arai	Assistant Professor
Jose C. Gan	Assistant Professor
Bernard Haber	Assistant Professor
Patrick F. Neville	Assistant Professor

Programs of Study: Programs leading to the M.A. and Ph.D. degrees are offered. The objectives of graduate education in biochemistry are to prepare the graduate student for a professional career in research and in teaching wherein the principles and methods of biochemistry are applied to the study of biological and medical problems. Courses of formal study and research experience are provided in several areas of fundamental biochemistry. The programs endeavor to establish initially in the student a broad general knowledge of modern biochemistry, followed by a development of a program designed for the individual student. Opportunities for training and experience in teaching are available.

For the M.A. degree, in addition to the biochemistry school requirements, a final oral examination, including defense of thesis, is required.

The biochemistry course requirements for the M.A. degree include the general biochemistry course and a course in enzymology. Additional courses should be planned with the graduate adviser.

For the Ph.D. degree, the written and oral qualifying examinations take place after the candidate has completed most of his formal courses of study and after meeting satisfactorily the foreign language requirement of the University.

The Ph.D. candidate must prepare and present a written dissertation on original experimental work in a suitable area of biochemistry. A final oral examination in defense of the dissertation completes requirements for the degree.

Facilities: The program in biochemistry occupies the sixth floor of the new Libbie Moody Thompson Basic Science Building. Major areas of research and interests of the faculty include mechanisms of hormone action, steroid biochemistry, molecular biology, enzymology, bioenergetics, ion transport, intermediary metabolism and biochemical genetics. Excellent library facilities support research and training interests. Research and teaching assistantships and fellowships are available for qualified applicants.

Specific Admission Requirements: Applicants should have a strong background in chemistry and the biological sciences. Applicants with majors in other areas will be considered provided they have an appropriate background in chemistry, mathematics and physics, including courses in general, analytical, organic and physical chemistry, mathematics through the integral calculus and one year of college physics. A student may be accepted without one or two of these courses provided that he complete the deficiency prior to graduation.

Graduate Courses:

6501. General Biochemistry. --A course dealing with physicochemical relations of living matter; chemistry of foodstuffs and tissues; analysis of body tissues and fluids; enzymes, digestion, absorption, metabolism and pH regulation. Lecture and conference, four hours a week; laboratory, three hours a week. \$8 laboratory fee.

6302. Electronic Basis of Laboratory Instrumentation. --A course dealing with electronics and instrumentation as confronted by biochemists. Prerequisite: Biochemistry 6501. Lecture, one hour a week; laboratory, three to six hours a week. Three semester hours. \$4 laboratory fee.

6303. Biochemical Methods. --A course dealing with spectrophotometry and fluorimetry, chromatographic methods, isotopes, centrifugation and manometric techniques. Prerequisite: Biochemistry 6501. Lecture, one to three hours a week; laboratory, three to six hours a week. Three semester hours. \$4 laboratory fee.

6304. Biochemical Methods. --A course dealing with ultramicrotechniques, following methods of Lowry and Lindstrom-Lang. Prerequisite: Biochemistry 6501 and consent of instructor. Lecture, one hour a week; laboratory, three to six hours a week. Three semester hours. \$4 laboratory fee.

6305. Biochemistry of Amino Acids and Proteins. --An advanced course covering the chemistry, physical properties, biological activities and intermediary metabolism of amino acids and proteins. Prerequisite: Biochemistry 6501 or equivalent. Lecture,

three hours a week. Three semester hours.

6306. Special Topics in Biochemistry. --Lecture courses covering a variety of topics at an advanced level. Prerequisite: Biochemistry 6501. Lecture, three hours a week. May be repeated for credit when the topics vary. Three semester hours.

6407. Enzymology. --Properties of enzymes; kinetics and thermodynamics of enzyme-catalyzed reactions. Techniques of preparations, isolation and assay of various enzymes. Prerequisite: Biochemistry 6501 or equivalent. Lecture, two hours a week; laboratory, six hours a week. Four semester hours. \$8 laboratory fee.

6208. Biochemistry of Nucleotides and Nucleic Acids. --An advanced course in the chemistry and metabolism of these important substances. Prerequisite: Biochemistry 6501 or equivalent. Lecture, three hours a week. Two semester hours.

6209. Biochemistry of Carbohydrates. --An advanced course dealing with the chemistry and metabolism of the carbohydrates in the light of recent investigations. Prerequisite: Biochemistry 6501 or equivalent. Lecture, three hours a week. Two semester hours.

6210. Biochemistry of the Lipids. --An advanced course dealing with the chemistry and metabolism of lipids in the light of recent investigations. Prerequisite: Biochemistry 6501 or equivalent. Lecture, three hours a week. Two semester hours.

6211. Clinical Biochemistry. --A lecture course dealing with the application of biochemistry to clinical manifestations. Prerequisite: Biochemistry 6501. Lecture, three hours a week. Two semester hours.

6312. Physical Biochemistry. --Aspects of colloidal and physical chemistry pertaining to biological phenomena. Topics include acids and bases, thermodynamics, kinetics, viscosity, electrokinetics, sedimentation, diffusion, ionic solutions, spectroscopy, etc. Prerequisite: Biochemistry 6501, physical chemistry. Lecture, three hours a week. Three semester hours.

6113. Seminar. --Investigative work in progress and other selected topics. Prerequisite: Biochemistry 6501. Lecture, one hour a week. One semester hour.

6914. Research. --Prerequisite: Biochemistry 6501 and consent of instructor. Laboratory, twenty-seven hours a week. This course will vary in credit according to the work performed. May be repeated for credit. Not to exceed nine semester hours credit.

6215. Biochemistry for the Steroids. --An advanced course dealing with the chemistry and metabolism of steroids in light of recent investigations. Prerequisite: Biochemistry 6501 or equivalent. Lecture, three hours a week. Two semester hours.

6316. Molecular Biology. --An advanced course dealing with molecular mechanisms of information transfer and its regulation in the cell. Prerequisite: Biochemistry 6501. Lecture, three hours a week. Three semester hours.

6217. Biochemical Methods in Molecular Biology. --A course dealing with laboratory techniques of molecular biology, including isolation, fractionation and characterization procedures. Prerequisite: Biochemistry 6501 or equivalent. Laboratory, three to six hours a week. Two semester hours. \$4 laboratory fee.

6318. Neurochemistry. --An advanced course dealing with the biochemical changes in the brain during development and function. Prerequisite: Biochemistry 6501 or equivalent. Lecture, four hours a week, with laboratory projects individually arranged. Three semester hours.

6219. Principles of Modern Biology. --An advanced course dealing with the integration of biological and physical sciences in a unified concept of function and evolution of living systems. Prerequisite: Biochemistry 6501 or equivalent. Lecture, three hours a week. Two semester hours.

6698. Thesis. --Prerequisite: Admission to candidacy for the Master's degree. Maximum credit, six semester hours.

6699. Dissertation. --Prerequisite: Admission to candidacy for the Doctor of Philosophy degree.

Human Genetics

(CURRENT PHOTOGRAPH OF PROFESSOR AND CHAIRMAN)

Members

Barbara H. Bowman	I. H. Kempner Professor and Chairman
M. Mason Guest	Professor of Physiology
William C. Levin	Professor of Internal Medicine
Gordon C. Mills	Professor of Biochemistry
Leroy J. Olson	Professor of Microbiology
Rose G. Schneider	Research Professor of Pediatrics

Associates

Jack B. Alperin	Assistant Professor of Internal Medicine
Dale H. Altmiller	Assistant Professor
James P. Chen	Assistant Professor
Gerald M. Fuller	Assistant Professor
H. Terry Hutchison	Assistant Professor
Lillian L. Lockhart	Assistant Professor
Phillip L. Poffenbarger	Assistant Professor of Internal Medicine
Gerald F. Powell	Assistant Professor
Marilyn Arnott Rasco	Instructor

Programs of Study: The program in human genetics offers work leading to the M. A. and Ph.D. degrees in human genetics and to combined M.D. -Ph.D. degree. There are also postdoctoral opportunities. The subspecialties of human genetics in which training in depth can be provided include biochemical genetics, cytogenetics (including somatic cell genetics), immunogenetics and clinical genetics. Training and basic research are offered within the framework of a large medical center with patient referrals from the entire state of Texas. Areas of genetic research emphasized in this program include: inborn errors of metabolism, transport studies using cystic fibrosis as a model, human protein polymorphisms and sequence determinations, protein-protein interactions, genetic control of antibody synthesis, hyper- and hypocoagulable states, organization and function of the mammalian genome,

inherited defects of cellular organization in Neurospora crassa, characterization of chromosome structure and complement in tissue culture and development skills. Opportunities for interdisciplinary study and research exist with the Departments of Internal Medicine, Pediatrics and Physiology; the divisions of cell biology and biochemistry, and the Marine Biomedical Institute.

Facilities: Research areas in the Thompson Basic Science Building include facilities and apparatus for automatic protein sequencing and amino acid analysis in addition to specialized laboratories for biochemical, immunological and enzymological investigations. Tissue culture and microscopy facilities are also available. Individual study areas are available for graduate and postdoctoral trainees.

Specific Admission Requirements: Applicants should have a major in biological science or chemistry including three hours of genetics or equivalent, college chemistry through organic chemistry and mathematics through analytic geometry or equivalent.

Graduate Courses:

6301. Biochemical Genetics. --Lectures in the molecular basis of inheritance, including the following topics: nucleic acids and protein synthesis, the genetic code, genetic mutation, suppressors of mutant gene expression, recombination, and the synthesis and repair of nucleic acids. Prerequisite: Three hours of genetics. Lecture, three hours a week. Three semester hours.

6402. Advanced Human Genetics. --This course will cover problems peculiar to human heredity as studied in family groups or in populations. Methods of analyzing human genetics data will be included. Prerequisite: College algebra and consent of instructor. Lecture, four hours a week. Four semester hours.

6103. Medical Genetics. --Lectures in medical genetics including cytogenetics, chemical mechanisms in heredity, metabolic errors, modes of inheritance and probability. Lectures, one hour a week. One semester hour.

6404. Cellular Genetics. --Autosomal and sex chromosome structure and behavior in humans. Cytogenetic techniques and an introduction to tissue culture will be included. One lecture and four laboratory hours a week. Prerequisite: Three semester hours and consent of lecturer. Four semester hours.

6205. Recent Advances in Genetics. --Lectures, assigned readings in recent advances in human heredity. May be repeated for credit with consent of instructor. Lecture, two hours a week; conference, three hours a week. Two semester hours.

6406. Current Concepts in Genetics. --A survey of recent literature in genetics. Students will be responsible for class presentations. Lectures and conferences, four hours a week. Four semester hours.

6207. Inborn Errors of Metabolism. --This course will cover the inherited diseases whose basic metabolic disturbance is sufficiently understood to permit discussion. The greater emphasis will be on the mechanism of the enzymatic blocks. The primary aim of the course is to give an understanding of the basic defect and its effect on metabolism. There will be correlation of the topics with presentation of the clinical material in the hospital. Lecture, two hours a week. Two semester hours.

6408. Problems in Genetics. --The student will participate in a tutorial under one faculty member in Human Genetics. He will conduct research on a topic in genetics

literature or will learn laboratory techniques utilized by the instructor. Credit hours will depend on the project and time expended, but up to the maximum of four hours will be allowed.

6309. Evolution and Protein Molecules. --Lectures and seminars covering current concepts of evolution and its effect in protein structure. The evolution of hemoglobins, cytochromes, protein hormones, immunoglobulins and fibrinogens is discussed in detail. Prerequisite: Three hours of biochemistry and consent of the instructor. Lecture, three hours a week. Three semester hours.

6310. Organization and Function of the Eucaryotic Genome. --A lecture course including physical properties and renaturation kinetics of nucleic acids. Structure and function of hetero- and euchromatin. Evolution of base sequences. Control of DNA synthesis. Information transfer in mammalian cells. Control of transcription. Prerequisite: Consent of instructor. Lecture, three hours a week. Three semester hours.

6311. Immunogenetics. --Lectures and seminars on the structural concepts governing antigen-antibody reactions and accompanying immunological phenomena. The course will cover the following topics: the concept of complementarity, theories of antibody formation, antigens and haptens, immunoglobulins, dynamics and quantitative aspects of antigen-antibody interaction, genetic basis of antibody variability, antibody biosynthesis, complement sequence and hypersensitivity. Prerequisite: Three hours of biochemistry. Lecture, three hours a week. Three semester hours.

6120. Genetics Seminar. --Reports and discussion of staff research, reviews of the literature, lectures by visitors. May be repeated for credit. Lecture, one hour a week. One semester hour.

6921. Research in Human Genetics. --Semester hour credit granted on basis of student's independent research.

6422. Special Topics in Genetics. --This is a course designed to offer subject matter of current interest from genetics and other related fields, such as the genetic control mechanisms relating to the synthesis and degradation of macromolecules, and the evolutionary dynamics contributing to human genotypic expression. Prerequisite: Consent of the instructor. Credit varies depending upon the specific material covered. Lecture, three or four hours a week. Three or four semester hours.

6698. Thesis. --Prerequisite: Admission to candidacy for the Master's degree. Maximum credit, six semester hours.

6699. Dissertation. --Prerequisite: Admission to candidacy for the Doctor of Philosophy degree.

Microbiology

(CURRENT PHOTOGRAPH OF PROFESSOR AND CHAIRMAN)

Members

Willard F. Verwey	Professor and Chairman
Edith D. Box	Associate Professor
Etta M. Davidson	Associate Professor
Leroy J. Olson	Professor
Ardzroony A. Packchianian	Professor
Rodney F. Smith	Associate Professor

Robert C. Wood

Associate Professor

Associates

Juanita P. Bray	Assistant Professor
Adam Ewert	Assistant Professor
B. L. Middlebrooks	Assistant Professor
J. C. Reitmeyer	Instructor
G. J. Stanton	Assistant Professor

Programs of Study: The Department of Microbiology offers programs leading to the M.A. and Ph.D. degrees. The subspecialties of microbiology in which training in depth can be provided include pathogenic bacteriology, virology, parasitology, mycology, immunology and microbial physiology.

At the conclusion of the first year of study, which usually consists principally of course work, the predoctoral student is given a comprehensive qualifying examination. Also during the first year, the Ph.D. candidate must demonstrate a reading knowledge of an approved foreign language. Thereafter, a student selects a supervising professor and a supervisory committee is appointed. He begins research and continues his training in microbiology and in other fields of science, as required by his needs and goals in biomedical sciences.

All students are required to have training and experience in teaching prior to receiving a degree in this department. Students with comparable previous experience are excused from this requirement.

Facilities: Since the institution is medically oriented, extensive opportunities exist for integrating microbiological training and research with an interest in human health and disease. The department is well equipped with modern equipment for research in microbiology. Approximately 14,000 feet of air-conditioned departmental space is available for teaching, research and animal care.

Financial Aid: The department has assistantships and other funds to support a number of students. Another source of support at this campus is the James W. McLaughlin Fellowship Fund, which awards several fellowships to predoctoral and postdoctoral students in the fields of infection and immunity. Departmental teaching and research assistants are exempt from out-of-state tuition fees. Some fellowships include payment of tuition.

Specific Admission Requirements: Applicants should have an undergraduate major in a life science and a suitable background in physical science and mathematics. Applicants with majors in other areas of science will be considered. An average of B in upper-division undergraduate courses and a combined score of 1000 on the verbal and quantitative portions of the Graduate Record Examination are minimum nonprobationary admission requirements.

Graduate Courses:

6601. Medical Microbiology. --An introduction to microbiology as related to the biomedical sphere of activity. This course includes introductory consideration of the medically significant bacteria, fungi, viruses, protozoa and helminths. Emphasis is placed upon factors important to the study of host-parasite relationship including the general biology of parasites, immunology, mechanisms of pathogenicity and chemotherapy. Conferences, six hours a week for two terms. Six semester hours.

6403. General Virology. --Principles and concepts of all fields of virology will be introduced, but the majority of the course will be devoted to study of viruses of medical importance. Throughout the course emphasis will be placed upon the chemical and physical characteristics of viruses, mechanisms of replication, immunology and pathogenesis. Prerequisite: Microbiology 6601 or permission of instructor. Lecture, three hours a week; laboratory, three hours a week. Four semester hours. \$8 laboratory fee.

6305. Pathogenic Bacteriology. --A study of bacterial human pathogens and their roles in infectious diseases. This is an advanced level course. Prerequisite: Microbiology 6601 or permission of instructor. Lecture, two hours a week; laboratory, four hours a week. Three semester hours. \$4 laboratory fee.

6306. Mycology. --Emphasis is placed upon the pathogenic fungi. Prerequisite: Microbiology 6601. Lecture, two hours a week; laboratory, three hours a week. Three semester hours. \$4 laboratory fee.

6307. Parasitology. --Host-parasite relationships of medically-important protozoa, helminths and arthropods. Prerequisite: Microbiology 6601 or permission of instructor. Lecture, two hours a week; conference, one hour a week; laboratory, two hours a week. Three semester hours. \$4 laboratory fee.

6508. Immunology. --This is a general course in immunology but with some emphasis on those aspects that operate in the host-parasite relationships involved in infectious diseases. Prerequisite: Microbiology 6601 or permission of instructor. Lecture, four hours a week; laboratory, four hours a week. Five semester hours. \$8 laboratory fee.

6310. Bacterial Chemistry and Physiology. --The biochemical features peculiar to various bacterial species are described and are compared with those of the animal cell. Prerequisite: A course in biochemistry. (Microbiology 6601 or a course in general microbiology is recommended.) Lecture, three hours a week. Three semester hours.

6312. Chemotherapy. --The study of the basic principles of chemotherapy of infectious diseases. Prerequisite: Microbiology 6601, or consent of instructor. Lecture, three hours a week. Three semester hours.

6614. Advanced Work. --Assigned studies in various fields of microbiology. Prerequisite: Microbiology 6601 or consent of instructor. This course will vary in credit according to the work performed. Maximum credit, six semester hours.

6698. Thesis. --Prerequisite: Admission to candidacy for the Master's degree. Maximum credit, six semester hours.

6699. Dissertation. --Prerequisite: Admission to candidacy for the Doctor of Philosophy degree.

Pathology

(CURRENT PHOTOGRAPH OF PROFESSOR AND CHAIRMAN)

Members

F. Lamont Jennings	Professor and Chairman
Elwood E. Baird	Professor

John B. Fuller
Armond S. Goldman

Professor
Associate Professor of
Pediatrics

1260

Richard B. Marshall
Raymond H. Rigdon
Stephan E. Ritzmann
Alvin E. Rodin

Professor
Professor
Professor
Professor

Associates

Gerald A. Beathard
Dean S. Folse
Debdas Mukerjee
Richard J. Passey

Assistant Professor
Research Assistant Professor
Assistant Professor
Instructor

Programs of Study: The Department of Pathology offers programs leading to an M.A. degree and M.D. -M.A. combined degree. The student must be enrolled in the medical school before entering the M.D. -M.A. program.

Included in both programs are course work, individual tutorials and supervised research. Preparation of a thesis is required based on that research. Course work includes microanatomy, cell biology, introduction to pathology and an additional basic medical science course relating to the student's research area. Research is supervised by a faculty member who also provides tutorials relating to specialized areas of knowledge. The purpose of the non-M.D. Master's degree program is to train research oriented medical personnel with a fundamental knowledge of pathology, experimental design and research techniques. The M.D. -Master's degree program is designed to provide an opportunity for medical students to obtain research skills and an in depth knowledge of a specialized area of pathology relevant to his career plans.

Areas of specialization include neuropathology, immunopathology, ultrastructural cytology, viral oncology, renal pathology, endocrine pathology and clinical biochemistry, microbiology and immunohematology.

Facilities: The department is located in the Keiller Building with additional facilities located in the McCullough Building and Jennie Sealy Hospital. Research areas include a radioisotope laboratory, tissue culture area, tissue typing and immunopathology, cytochemical and electron microscope areas.

In addition, the clinical laboratories are equipped with modern instruments available for research utilization. Also available is a departmental photography laboratory.

Financial Aid: Support is arranged on an individual basis. Part-time employment in the department is generally available.

Specific Admission Requirements: Applicants should have an undergraduate major in a life science, together with a suitable background in physical science and mathematics. An average of B in advance work (senior college and graduate -level) and a combined score of 1100 on the verbal and quantitative portions of the Graduate Record Examination are minimum nonprobationary admission requirements. The department will interview applicants before acceptance.

Graduate Courses:

6501. General Pathology. --Lectures, demonstrations, case presentations, conferences and laboratory work dealing with the principles of pathology. Emphasis is on processes of disease stressing pathogenesis. Prerequisite: Anatomy 6302, Biochemistry 6501. Lecture and conference, six hours a week; laboratory, three hours a week; third term. Five semester hours. \$8 laboratory fee.

6502. Systemic Pathology. --Lectures, demonstrations, case presentations, conferences, autopsy assignments and laboratory work. This is a systematic consideration of specific diseases including anatomic, functional and chemical alterations as well as "clinical pathology." Etiology and pathogenesis are stressed. The case method of presentation is followed in laboratory studies. Prerequisite: Pathology 6501. Lecture and conference, six hours a week; laboratory, three hours a week; first semester. Five semester hours. \$8 laboratory fee.

6904. Course in Advanced Pathology. --This deals with such subjects as neoplastic diseases, surgical pathology, cardiovascular-renal disorders, neuropathology, electron microscopy, etc. Prerequisite: Pathology 6501 and Pathology 6502. This course will vary in credit according to the work performed. Maximum credit, nine semester hours.

6905. Research in Pathology. --This work will vary in credit according to the work performed. Maximum credit, nine semester hours.

6306. Introduction to Pathobiology. --Correlation of cell structure as related to function to provide a basis for study of cellular pathobiology. Initial consideration is given to pathologic states. Lecture and seminars, four hours a week. Three semester hours.

6307. Pathobiology. --This course is a continuation of Pathology 6306 and relates cellular pathobiology to human disease states. Lecture and seminar, four hours a week. Three semester hours.

6698. Thesis. --Prerequisite: Admission to candidacy for the Master's degree. Maximum credit, six semester hours.

Pharmacology

(CURRENT PHOTOGRAPH OF PROFESSOR AND CHAIRMAN)

Members

Sydney Ellis	Professor and Chairman
George A. Emerson	Professor
McChesney Goodall	Research Professor
James G. Hilton	Professor
Bernard Levy	Professor
Joe B. Nash	Associate Professor
Bohdan R. Nechay	Associate Professor

Associates

Gordon L. Johnson	Assistant Professor
Rene R. Kempen	Assistant Professor

James H. Pirch
David E. Potter
Betty J. Williams

Assistant Professor
Assistant Professor
Assistant Professor

Objectives: The aim of the graduate program is to educate promising candidates for scholarly careers in teaching and research in medical pharmacology and toxicology.

Research experience, an essential part of the program, is required in one or more of the several subdivisions of the discipline represented in the interests of the faculty of the department.

Programs of Study: The department offers programs leading to the M. A. and Ph. D. degrees or combined M. A. -Ph. D. or M. D. -Ph. D. degrees. There are also opportunities for postdoctoral training. Although there is a considerable degree of flexibility to accommodate the individual student, the establishment of a broad base in pharmacology and allied sciences, such as neuroanatomy, histology, embryology, biochemistry, physiology, microbiology and pathology, is considered important.

The current areas under investigation are: the role of catecholamines in metabolism and function; adrenergic receptors; pharmacology of ganglia; smooth and striated muscle pharmacology; enzymology of cyclic AMP and ATPase systems; ion transport mechanisms; renal pharmacology; cardiac arrhythmias and drugs; chemotherapy for parasites; neuropsychopharmacology; and marine toxins and toxicology. There are excellent opportunities for collaboration with other departments in the fields of microanalytical techniques, genetics and pharmacology of burned patients.

Facilities: The department is equipped to carry on research with advanced instrumentation in most areas of biochemical and physiological pharmacology. All departmental facilities are available for the use of graduate students.

Specific Admission Requirements: The applicant should hold at least a bachelor's or the equivalent degree. A strong background in chemistry, physics, mathematics and biology is essential, and a knowledge of physical chemistry, psychology and foreign languages is desirable.

Graduate Courses:

6701. Basic Pharmacology. --Action of drugs used for diagnosis, prevention, cure and alleviation of symptoms of disease; pharmacodynamics; principles of toxicology and pharmacotherapy. Prerequisite: Physiology and Biochemistry. Lecture and conference, seven hours a week; laboratory, three hours a week. Seven semester hours. \$8 laboratory fee.

6403. Toxicology. --Advanced study of toxicological methods, signs and symptoms of poisoning and antidotes. Quantitative aspects of pharmacology. Lecture, three hours a week; laboratory, three hours a week. Four semester hours. \$8 laboratory fee.

6404. Biochemical Pharmacology. --Pharmacodynamics of drug actions in cells studied at the molecular level. Lecture, three hours a week; laboratory, three hours a week. Four semester hours. \$8 laboratory fee.

6405. Biochemorphology. --Relation of chemical structure of drugs to their physiological action. Lecture, three hours a week; laboratory, three hours a week. Four semester hours. \$8 laboratory fee.

6406. Principles of Drug Action. --Seminars and laboratory assignments on the **1263** general principles of drug action, including molecular mechanisms; absorption, distribution and elimination; metabolism; time course of action; toxicity, idiosyncrasy and pharmacogenetics; allergy resistance; tolerance and physical dependence; mutagenesis; carcinogenesis; teratogenesis; development and selection for clinical use. Lecture, three hours a week; laboratory, two hours a week. Four semester hours. \$8 laboratory fee.
6407. Chemotherapy. --General principles of altering the host-parasite relation in treatment of infectious diseases with antibiotics, heavy metals, cinchona and other alkaloids, and miscellaneous agents. Lecture, three hours a week; laboratory, three hours a week. Four semester hours. \$8 laboratory fee.
6408. Advanced Autonomic Pharmacology. --Seminars and laboratory assignments dealing in depth with the actions of drugs on the autonomic nervous system (including the afferent and central components of its reflexes) and on the effector systems which it innervates. Prerequisite: Pharmacology 6701 or permission of instructor. Lecture, three hours a week; laboratory, three hours a week. Four semester hours. \$8 laboratory fee.
6409. Cardiovascular Pharmacology. --Mechanism of action of known cardiovascular drugs on the heart and circulation. Study of drug action on cardiovascular reflexes. Lecture, three hours a week; laboratory, three hours a week. Four semester hours. \$8 laboratory fee.
6410. Renal Pharmacology. --Demonstration of mechanism of action of diuretic agents in normal, salt-loaded and in animals in congestive failure. Lecture, three hours a week; laboratory, three hours a week. Four semester hours. \$8 laboratory fee.
6411. Neuropharmacology. --Study of mechanisms of drug action on transmission at selected synaptic areas in the central and peripheral nervous system. Lecture, three hours a week; laboratory, three hours a week. Four semester hours. \$8 laboratory fee.
6412. Psychopharmacology. --Study of methods for demonstrating action of drugs on normal and abnormal behavior in selected laboratory animals. Extrapolation to actions in normal and psychotic patients. Lecture, three hours a week; laboratory, three hours a week. Four semester hours. \$8 laboratory fee.
6913. Research in Pharmacology. --Laboratory, clinical and library investigation of drugs, largely initiated and carried through by the student. This course will vary in credit according to the work performed. Nine semester hours maximum credit.
6114. Seminar in Pharmacology. --Presentation by staff and students of progress of their own research as well as review of recent advances in pharmacology. Lecture, one hour a week. May be repeated for credit. One semester hour.
6415. Procedures for Pharmacologic Evaluation of Drugs. --Review of procedures for pharmacologic evaluation of various classes of chemical compounds. Lecture, three hours a week; laboratory, three hours a week. Four semester hours. \$8 laboratory fee.
6316. Biometrics in Pharmacology. --A study of the mathematical techniques useful in the collection, evaluation and interpretation of data collected from biological experiments. Lecture, three hours a week. Three semester hours.
6698. Thesis. --Prerequisite: Admission to candidacy for the Master's degree. Maximum credit, six semester hours.

6699. Dissertation. --Prerequisite: Admission to candidacy for the Doctor of Philosophy degree.

Physiology

Members

R. D. Baker	Associate Professor
Ernest S. Barratt	Research Professor
Edward L. Beckman	Professor
M. Mason Guest	Professor
C. E. Hall	Professor
Samuel N. Kolmen	Professor
Luddo B. Nanninga	Research Associate Professor
F. H. Rudenberg	Associate Professor
D. W. Stubbs	Associate Professor
Daniel L. Traber	Associate Professor
William D. Willis, Jr.	Professor
Stewart Wolf	Professor

Associates

James E. Blankenship	Assistant Professor
T. P. Bond	Research Assistant Professor
Robert Feinstein	Assistant Professor
H. A. Germer, Jr.	Instructor
J. L. Rae	Instructor
Hubert L. Stone	Assistant Professor
J. R. Walker	Assistant Professor
C. H. Wells, II	Assistant Professor

Programs of Study: Graduate programs leading to M.A. and Ph.D. degrees, as well as combined M.A. -M.D. or M.D. -Ph.D. degrees, are available to qualified students. Although 30 hours of credit are required for the M.A. degree, awarding of the Ph.D. degree is based not upon completion of a specified number of credit hours but rather upon attainment of an adequate level of knowledge and research competence. Four years in residence is the usual minimal time for individuals without previous graduate training to complete requirements for the Ph.D. degree. A comprehensive examination to test knowledge in physiology and related sciences is usually given after two years and satisfactory performance is required for formal admission to candidacy.

Programs of study include foundation courses in mammalian, cellular and comparative physiology, biophysics, biochemistry, histology, genetics, statistics and related material. More advanced study is conducted through seminar-type sessions in which specialized areas in physiology and related sciences are examined in depth. Seminar courses in which a given student participates are determined by his background, interests and goals.

Students interested in physiology of marine forms or man in the sea may perform research in the Marine Biomedical Institute in Galveston.

Facilities: Modern, well equipped laboratories for graduate student research and individualized study areas are provided in a new building. Sophisticated electronic, mechanical, isotopic, optical and other instrumentation is available. The Medical Branch provides a library that subscribes to 3,000 periodicals, a computer center, and machine and electronics shops. The Department of Physiology also has its own

machine and electronic shops. An animal hospital with laboratories for animal research has recently been opened. Laboratories in the new Shriners Burns Institute are available for physiologic research.

Background knowledge in biology, chemistry, physics and mathematics is needed for admission to and for success in graduate studies.

Graduate Courses:

6501. Medical Physiology and Biophysics. --A lecture and conference course stressing the fundamentals of mammalian physiology with consideration of the underlying principles of physics and chemistry. Prerequisite: Biochemistry 6501. Lecture, four hours a week; conference, two hours a week; second semester. Five semester hours.

6202. Chemistry and Physiology of Blood. --Course deals primarily with blood coagulation and fibrinolysis, but consideration is also given to effects of the composition of blood on its rheological properties. Prerequisite: Biochemistry 6501 and Physiology 6501 or equivalent. Lecture, three hours a week. Two semester hours.

6204. Experimental Endocrinology. --A laboratory course in the methods and preparations commonly used in endocrinology. Prerequisite: Physiology 6501 or equivalent. Lecture, two hours a week; laboratory, four hours a week. Two semester hours. \$4 laboratory fee.

6205. Aviation and Space Physiology. --Lectures and seminars on biological effects in environments beyond the earth's surface. Prerequisite: Physiology 6501 or equivalent. Lecture, two hours a week. Two semester hours.

6306. Physiology of the Kidney. --Lectures and seminars of renal structure and function. Special attention is given to physicochemical aspects involved in excretory, secretory and endocrine functions of the kidney. Prerequisite: Physiology 6501 or equivalent. Lecture, three hours a week. Three semester hours.

6307. Neurophysiology. --Study of mechanisms of cellular excitation, synaptic transmission, and interaction of neuron group as related to functional neurology, behavior and the related neurological sciences. Lectures, seminars and demonstrations. Prerequisite: Physiology 6501 or equivalent. Lecture, three hours a week. Three semester hours.

6208. Experimental Mammalian Physiology. --A laboratory course in advanced techniques with discussion periods. Prerequisite: Physiology 6501 or equivalent. Lecture, one hour a week; laboratory, four hours a week. Two semester hours. \$4 laboratory fee.

6309. Introductory Cellular Physiology. --Basic principles of cell function, a survey course; lectures, seminars and demonstrations. Lecture, three hours a week. Three semester hours.

6310. Advanced Cellular Physiology. --Physiologic mechanisms of specialized cells and their responses, including growth and division radiobiology, and molecular biology. Emphasis on recent literature. Lectures and seminars. Prerequisite: Physiology 6501 or equivalent, Biochemistry 6501, calculus and physical chemistry. Lecture, three hours a week. Three semester hours.

6311. Biophysics. --A lecture course covering electrophysiology, physical and mathematical models for living systems, information theory and computer technology.

Prerequisite: Physiology 6501 or equivalent, calculus and physical chemistry. Lecture, three hours a week. Three semester hours.

6112. Weekly Seminars in Advanced Physiology. --Reports of investigative work, reviews of literature and presentations of topics of interest by staff members, graduate students and visiting scientists. Prerequisite: Physiology 6501 or equivalent. Lecture, one hour a week. One semester hour.

6313. Comparative Physiology. --Lectures and seminars covering basic problems in the maintenance of the living state in invertebrate and vertebrate animals. Lecture, two hours a week; seminar, one hour a week. Three semester hours.

6914. Physiology Research. --Hours and credit to be arranged after consultation with staff. Maximum credit, nine semester hours.

6215. Bioinstrumentation. --A laboratory course covering the characteristics, applications and limitations of equipment used in modern physiology. Prerequisite: consent of instructor. Lecture, one hour a week; laboratory, six hours a week. Two semester hours. \$4 laboratory fee.

6316. Calculus for Biomedical Courses. --Differential and integral--including analytical geometry. Lecture, three hours a week. Three semester hours.

6317. Physical Chemistry. --Basic concepts in physical chemistry including kinetic gas theory, thermodynamics, laws of solution, surface phenomena, colloids, equilibria, reaction kinetics, membrane potential, electrical conductance and electrochemistry. Prerequisite: calculus--differential and integral. Lecture, three hours a week. Three semester hours.

6318. Cardiac Physiology. --Seminar course on cardiac physiology; current literature used as basis for critical discussion. Prerequisite: Physiology 6501 or equivalent. Lecture, five hours a week. Three semester hours.

6219. Gastrointestinal Physiology. --Selected aspects of motility secretion, digestion and absorption in the alimentary tract are studied in depth. The course consists of lectures, discussions, library research and demonstrations. Prerequisite: Physiology 6501 and Biochemistry 6501. Lecture, three hours a week. Two semester hours.

6220. Membrane Transport. --Lectures and discussions dealing with the structure and function of biological membranes; emphasis is placed on the physics and chemistry of movement of substances across membranes. Prerequisite: Physiology 6501, Biochemistry 6501, calculus and physical chemistry. Lecture, two hours a week. Two semester hours.

6321. Special Topics. --Study of special topics in physiology. Topics are selected and study programs arranged on an individual basis with a member of the staff. Prerequisite: consent of instructor. Three semester hours.

6222. Rheology and Microcirculation. --A survey of current concepts of the rheology of blood and control of microcirculation. Prerequisite: Physiology 6501. Lecture, three hours a week. Two semester hours.

6423. Cardiovascular Physiology. --A lecture and laboratory course covering major aspects of cardiovascular functions and current techniques for quantitation. Reports of studies in scientific journals will be evaluated. Prerequisite: Physiology 6501 or

equivalent. Lecture, three hours a week. Laboratory, three hours a week. Four semester hours. \$8 laboratory fee.

6424. Basic Neuroscience. --A lecture and laboratory course stressing the basic principles of neuroanatomy and neurophysiology as they relate to the normal and diseased human nervous system. Subject matter from neuropharmacology, neurochemistry and related disciplines is included where pertinent. Also listed as Anatomy 6417. Lecture and conference, five hours a week; laboratory, three hours a week; second semester. Four semester hours. \$8 laboratory fee.

6825. Cell Biology. --Lectures and conferences which correlate cell structure and function. The course includes aspects of cellular organelles, genetics, energy production and reproduction. Also listed as Anatomy 6318. Prerequisite: Biochemistry 6501. Lecture and conference, three hours a week. Three semester hours.

6426. Endocrinology. --Lectures and conferences designed to correlate structure and functions of organs of the endocrine system. The course stresses basic and integrated aspects of the anatomy, physiology, chemistry and pathology of this organ system. Also listed as Anatomy 6419. Lecture, four hours a week; conference, two hours a week. Four semester hours.

6127. Seminar in Marine Biomedicine. --A seminar series including the physical and chemical properties of the sea, the response of man in an ocean environment, the nature of the adaptive mechanisms employed by marine organisms, how marine life affects man and how man affects the sea. The speakers include visitors and staff of the Marine Biomedical Institute. Seminar, two hours a week. One semester hour.

6228. Integrated Functional Laboratory I. --An interdisciplinary laboratory and conference course which studies the function of the various organ systems and how they may be altered by disease and drugs. Prerequisite: Biochemistry 6501, Physiology 6501, Physiology 6324 and Physiology 6425 or equivalents. Conference, two hours a week; laboratory, four hours a week. Two semester hours. \$4 laboratory fee.

6229. Orientation in Physiology. --This course consists of lectures and seminars on the discipline of physiology with emphasis on its history, objectives, relationships to other disciplines, techniques in teaching and experimentation and potentials for a career. Lecture, two hours a week. Two semester hours.

6230. Integrated Functional Laboratory II. --A continuation of Physiology 6228. Prerequisite: Physiology 6228. Conference, two hours a week; laboratory, four hours a week. Two semester hours. \$4 laboratory fee.

6698. Thesis. --Prerequisite: Admission to candidacy for the Master's degree. Maximum credit, six semester hours.

6699. Dissertation. --Admission to candidacy for the Doctor of Philosophy degree.

Preventive Medicine and Community Health

(CURRENT PHOTOGRAPH OF PROFESSOR AND CHAIRMAN)

Members

Don W. Micks	Professor and Chairman
Edward N. Brandt, Jr.	Professor
Warren F. Dodge	Associate Professor

Associates

Rosemary Corner	Instructor
Daniel L. Creson	Assistant Professor
Harold G. Levine	Assistant Professor
Alice Anne O'Donell	Assistant Professor
Marcel Patterson	Professor
M. Lamar Ross	Associate Professor
William M. Thompson	Assistant Professor
Norman M. Trieff	Associate Professor

Special Members

Duane J. Kilian	Associate Professor
John E. Perry	Clinical Associate Professor

Programs of Study: Courses and other learning experiences are available in epidemiology and biostatistics, behavioral science, environmental health, industrial health, preventive medicine, community health and health care delivery systems. Graduate programs leading to the M.A. and Ph.D. degrees, as well as combined M.A. -M.D. or M.D. -Ph.D. degrees, are available to qualified students. Although 30 hours of credit, including a thesis, are required for the M.A. degree, awarding of the Ph.D. degree is based upon attainment of an adequate level of knowledge and research competence rather than upon the completion of a specified number of hours.

Programs of study are individualized and designed to prepare each student for a career in some facet of the health field, i.e., academic medicine, research, health planning and administration, and related activities in health programs and agencies.

Facilities: The department has ample space, equipment and other facilities to support research in all phases of preventive medicine and community health. A modern, large scale computer system with such programs as the BMD biomedical library is available and located close by. The departmental neighborhood health clinic, two county comprehensive health clinics, the Children and Youth Clinic, and the Family Planning Clinic, some of which are located in a ghetto area, provide excellent opportunities for graduate study, as does the Family Medicine program and associated clinics. The department also maintains a close liaison with the local health departments and a variety of health agencies.

Specific Admission Requirements: Applicants should have an undergraduate major in a life science. Admission requires an average of B in the last two undergraduate years, and a combined score of 1000 on the verbal and quantitative parts of the Graduate Record Examination.

Graduate Courses:

6401. Preventive Medicine and Community Health. --Lectures, panels and demonstrations designed to emphasize the social and physical environment as well as the biological status of individuals in delineating their health problems and utilizing the necessary resources for their control; direct attention and energies to the needs of families and communities as well as individuals; and regard disease prevention as important as diagnosis and treatment. Lecture, four hours a week. First semester. Four semester hours.

6303. Principles of Statistical Reasoning (I). --Concepts of statistical reasoning as applied to the study of public health problems. The general principles of statistical

analysis with emphasis on the design of community health studies and on the appropriate collection, tabulation, presentation and interpretation of statistical material. Topics covered include vital statistics rates, life tables, binomial and normal distributions, comparison of rates and means, and the χ^2 test. Lecture, two hours a week; laboratory, four hours a week. Three semester hours. \$4 laboratory fee.

6204. Epidemiology. --Basic principles of epidemiology and their application to communicable and non-communicable diseases. Lecture, one hour a week; laboratory, three hours a week. Two semester hours. \$4 laboratory fee.

6205. Nutrition. --Fundamentals of nutrition, with principal emphasis on humans. Factors affecting adequacy of dietary intake, methods of determining nutritional status, the basis and development of nutritional standards, and recent advances in basic and applied research. Lecture, two hours a week. Two semester hours.

6206. Epidemiology and Control of Vector-Borne Diseases. --A survey of arthropods of medical importance with emphasis on the epidemiology and control of vector-borne diseases. Lecture, two hours a week. Two semester hours.

6207. Water Supply and Pollution Control. --Lectures, conferences, laboratory exercises and problems in the theory and practice of procurement, protection, treatment and utilization of water supply and of collection, treatment, disposal and reuse of wastewater. Lecture, one hour a week; laboratory, three hours a week. Two semester hours. \$4 laboratory fee.

6308. Biometry. --Exposition of recent developments in the design of laboratory experiments. Principles of randomization, replication and local control, analysis of variance techniques. Discussion of various experimental designs such as randomized block, Latin Square and factorial. Prerequisite: PM & CH 6303. Lecture, two hours a week; laboratory, four hours a week. Three semester hours. \$4 laboratory fee.

6209. Experimental Design. --A survey of experimental strategies with special reference to increasing power and precision of statistical analyses. Lecture, one hour a week; laboratory, three hours a week. Two semester hours. \$4 laboratory fee.

6310. Data Processing. --Introduction to principles needed for processing data files, editing, encoding, structuring and manipulation of data, as well as timing considerations. Use of canned programs, magnetic tapes and disc files. Basic instruction in Fortran (IV) programming. Use of data processing and electronic computing equipment. Lecture, two hours a week; laboratory, four hours a week. Three semester hours.

6911. Community Health Research. --Hours to be arranged with department. Maximum credit, nine semester hours.

6312. Community Health Methods. --Laboratory and administrative techniques useful in community health practice. Lecture and laboratory hours will vary each week. Three semester hours.

6113. History and Philosophy of Medicine and Community Health. --Lectures on the broader aspects of medical history from ancient to modern times. Lecture, one hour a week. One semester hour.

6214. Medical Sociology. --Principles of social behavior in meeting health problems and conveying health concepts. Lecture, one hour a week; laboratory, two hours a week. Two semester hours. \$4 laboratory fee.

6115. Seminar. --Survey of current problems, programs and needs in the areas of preventive medicine and community health. One semester hour.

6216. Principles of Statistical Reasoning (II). --Sampling, testing of hypothesis, regression and correlection, contingency table analysis, non-parametric techniques, poisson and other special distributions. Life table concepts in analysis of survivorship from specific diseases. Prerequisite: PM & CH 6303. Lecture, one hour a week; laboratory, two hours a week. Two semester hours. \$4 laboratory fee.

6217. Statistical Methods in Public Health Studies. --Designed to appraise methods employed in the study of health problems in communities and industrial, school and other groups within a community. Lectures, seminars and laboratory exercises consider problems of study, design, data collection, analysis and interpretation in current and classic statistical investigations related to: (1) assessment of levels of health in a population group, (2) factors associated with these levels, and (3) the evaluation of preventive and therapeutic measures. A critical review is presented of the use of estimation procedures for incidence and prevalence, distribution functions, sampling techniques, procedures for establishment of control and comparison groups, epidemic models, life table and other analytic approaches in follow-up studies, sequential analysis, retrospective and prospective analyses, competing risks estimates, longitudinal and cross-sectional approaches, measures of association and correlation. Prerequisite: Preferably, PM & CH 6303, 6204, 6308. Lecture, one hour a week; laboratory, two hours a week. Two semester hours. \$4 laboratory fee.

6218. Chemical Ecology. --General principles of ecology and the effects of pollutants in the soil, water and air on the ecology. Lectures include such topics as physiochemical factors; biochemical factors; growth, metabolism and reproduction of organisms; principles of absorption, distribution and excretion of chemicals; kinetics of growth of competing systems; carbon and nitrogen cycles; effects of chlorinated hydrocarbons, detergents, heavy metals, sulfur compounds, nitrates, phosphates and oxidants on ecology. Course consists of thirty lecture hours. Two semester hours.

6219. Medical Education. --Designed to communicate to the students the basic principles of planning objectives, designing learning experiences, and evaluating student achievement that are of particular importance in designing and conducting instruction in medical education. Opportunities for preparing and teaching microlessons will be included in the course. Lecture, two hours a week. Two semester hours.

6698. Thesis. --Prerequisite: Admission to candidacy for the Master's degree. Maximum credit, six semester hours.

6699. Dissertation. --Admission to candidacy for the Doctor of Philosophy degree.

THE FACULTY

Perrie M. Adams, Assistant Professor (Psychology) in the Department of Neurology and Psychiatry, 1970.

A.A., Florida, 1963; B.A., Florida State, 1966; M.S., 1968; Ph.D., 1970.

Jack B. Alperin, Associate Professor of Internal Medicine and Associate Professor of Human Genetics, 1965, 1971.

M.D., Tennessee, 1957.

Dale H. Altmiller, Assistant Professor of Human Genetics, 1969.

B.S., West Texas State, 1963; Ph.D., Texas (Austin), 1969.

- Kazko Arai, Assistant Professor of Biochemistry, 1960, 1964.
B.A., Rice, 1937; M.S., Baylor, 1951; Ph.D., Tulane, 1956.
- Elwood E. Baird, Professor of Pathology, 1949.
A.B., Battle Creek College, 1927; M.S., 1928; M.B., Northwestern, 1934;
M.D., 1935; A.S.C.P., 1947; C.A.P., 1950.
- R. David Baker, Associate Professor of Physiology, 1959, 1964.
B.A., Iowa Wesleyan, 1954; M.S., State University of Iowa, 1957; Ph.D., 1959.
- Ernest Stoelting Barratt, Research Professor (Psychology) in the Department of
Neurology and Psychiatry and Research Professor of Physiology, 1962, 1965.
B.A., T.C.U., 1947; M.A., 1949; Ph.D., Texas (Austin), 1952.
- Gerald A. Beathard, Assistant Professor of Internal Medicine and Assistant
Professor of Pathology, 1968, 1970.
B.S., Lamar State, 1960; M.D., Texas (Galveston), 1964; Ph.D., 1969.
- Edward L. Beckman, Chief, Marine Medicine Division of the Marine Biomedical
Institute and Professor of Physiology, 1969.
B.S., Northwestern, 1939; M.D., 1943; M.S., Southern California, 1949.
- Bryant Benson, Associate Professor of Anatomy, 1969.
B.S., Tennessee Tech, 1957; Ph.D., Vanderbilt, 1964.
- Roger N. Blakeney, 1971.
B.S., Texas A&M, 1964; M.A., Houston, 1967; Ph.D., 1969.
- James E. Blankenship, Member of the Marine Biomedical Institute and Assistant
Professor of Physiology, 1970.
B.A., Austin College, 1963; M.A., Yale, 1965; Ph.D., 1967.
- Ted P. Bond, Research Assistant Professor of Physiology and Adjunct Member of
the Marine Biomedical Institute, 1966, 1970.
B.S., West Texas State, 1957; M.A., Texas (Galveston), 1963.
- Barbara H. Bowman, I. H. Kempner Professor and Chairman, Department of Human
Biological Chemistry and Genetics, 1967, 1971.
B.S., Baylor, 1951; M.A., Texas (Austin), 1955; Ph.D., 1959.
- Edith D. Box, Associate Professor of Microbiology, 1948, 1953.
B.S., Iowa State, 1943; Sc.D., Johns Hopkins, 1948.
- Edward Newman Brandt, Jr., Dean of the Graduate School; Professor in the
Department of Preventive Medicine and Community Health, 1969.
B.S., Oklahoma, 1954; M.S., Oklahoma State, 1955; M.D., Oklahoma, 1960;
Ph.D., 1963.
- Juanita Marie Phipps Bray, Assistant Professor of Microbiology, 1969.
B.A., Texas (Austin), 1952; M.A., Texas (Galveston), 1965; Ph.D., 1968.
- Gerald Callas, Assistant Professor of Anatomy, 1968.
B.S., Lamar, 1959; M.A., Texas (Galveston), 1962; Ph.D., 1966; M.D., 1967.

- Jose C. Gan, Assistant Professor of Biochemistry, 1968.
B.S., Wisconsin, 1957; M.S., Iowa, 1959; Ph.D., Illinois, 1964.
- Charles Owen Gaston, Associate Professor (Psychology) in the Department of Neurology and Psychiatry, 1956, 1969.
B.S., Sam Houston State, 1951; M.A., Baylor, 1953; Ph.D., Houston, 1958.
- Henry A. Germer, Jr., Assistant Professor (Biophysicist) of Physiology, 1968, 1969.
B.S., New Mexico, 1960; Ph.D., Houston, 1968.
- Armond Samuel Goldman, Associate Professor of Pediatrics, 1958, 1966.
B.S., Texas (Austin), 1949; M.D., Texas (Galveston), 1953.
- Allan L. Goldstein, Professor in the Division of Biochemistry, Department of Human Biological Chemistry and Genetics, 1972.
B.S., Wagner, 1959; M.S., Rutgers, 1961; Ph.D., 1964.
- McChesney Goodall, Jr., Professor of Pharmacology and Toxicology and Professor of Physiology, 1965, 1970.
B.S., Virginia, 1939; M.D., Medical College of Virginia, 1948; Ph.D., Karolinska Institute (Sweden), 1951.
- Harold A. Goolishian, Professor (Psychology) and Chief, Division of Psychology, Department of Neurology and Psychiatry, 1951, 1965.
B.A., Boston, 1948; M.A., Michigan State, 1949; Ph.D., Houston, 1952.
- M. Mason Guest, Professor of Physiology, 1951.
B.A., Michigan, 1930; Ph.D., Columbia, 1941.
- Bernard Haber, Chief, Neurochemistry Section; Marine Biomedical Institute and Assistant Professor of Biochemistry and Assistant Professor of Neurology and Psychiatry, 1970.
B.Sc., McGill, 1956; M.Sc., 1957; Ph.D., 1962.
- Charles Eric Hall, Professor of Physiology, 1947, 1954.
B.Sc., McGill, 1941; M.Sc., 1942; Ph.D., 1946.
- Michael Bailey Hancock, Assistant Professor of Anatomy, 1969.
B.S., Texas (Arlington), 1962; Ph.D., Texas (Dallas), 1969.
- Walther Johannes Hild, Professor and Chairman, Department of Anatomy, 1954, 1968.
M.D., University of Kiel (Germany), 1949.
- James Gorton Hilton, Professor of Pharmacology and Toxicology, 1961.
B.S., Virginia Polytechnic, 1947; M.S., Tennessee, 1952; Ph.D., 1954.
- Viktor W. Holoubek, Associate Professor of Biochemistry, 1968, 1970.
Dipl. Brno (Czechoslovakia), 1947; Dipl., 1949; Ph.D., Charles (Czechoslovakia), 1952.
- Forrest G. Houston, Associate Professor of Biochemistry, 1953.
B.S., Texas Tech, 1938; M.A., Texas (Austin), 1942; Ph.D., Ohio State, 1947.
- H. Terry Hutchison, Assistant Professor of Human Genetics, 1971.
A.B., California (Berkeley), 1961; Ph.D., California (Irvine), 1969.

- F. Lamont Jennings, Professor and Chairman, Department of Pathology, 1960, 1963.
B.A., Indiana, 1942; M.D., 1947.
- Gordon Lee Johnson, Assistant Professor of Pharmacology and Toxicology, 1968.
B.A., Carthage College, 1959; Ph.D., Northwestern, 1965.
- Rene R. Kempen, Assistant Professor of Pharmacology and Toxicology, 1963.
B.S., St. Joseph's College, 1950; M.S., Loyola, 1955; Ph.D., 1962.
- Duane J. Kilian, Associate Professor of Preventive Medicine and Community Health,
1964, 1969.
B.S., Michigan State, 1943; M.D., Washington, 1949.
- C. Ward Kischer, Associate Professor of Anatomy, 1967, 1970.
B.S., Omaha, 1953; M.S., Iowa, 1960; Ph.D., 1962.
- Virgil L. Koenig, Professor of Biochemistry, 1963.
A.B., Missouri, 1936; M.S., Oklahoma State, 1938; Ph.D., Colorado, 1940.
- Samuel N. Kolmen, Professor of Physiology, 1958, 1968.
B.A., Texas (Austin), 1954; Ph.D., Texas (Galveston), 1957.
- William C. Levin, Warmoth Professor of Hematology and Professor of Internal
Medicine, 1944, 1968.
B.A., Texas (Austin), 1938; M.D., Texas (Galveston), 1941; F.A.C.P., 1948.
- Harold Grumet Levine, Assistant Professor of Preventive Medicine and Community
Health and Director of Research in Medical Education, 1971.
B.A., Pittsburgh, 1953; M.P.A., State University of New York, 1963.
- Bernard Levy, Professor of Pharmacology and Toxicology, 1965, 1968.
B.S., New England College of Pharmacy, 1950; M.S., Purdue, 1952; Ph.D., 1954.
- Lillian L. Lockhart, Assistant Professor of Pediatrics and Assistant Professor of
Human Genetics, 1964, 1967.
B.A., Rice, 1951; M.A., Texas (Austin), 1954; M.D., Texas (Galveston), 1957.
- Richard B. Marshall, Professor of Pathology, 1964, 1970.
B.A., Boston, 1949; M.A., 1951; M.D., 1955.
- Mark L. McElhaney, Assistant Professor (Psychology) in the Department of Neurology
and Psychiatry, 1965, 1966.
B.A., George Pepperdine College, 1946; M.A., Houston, 1965; Ph.D., 1966.
- Glenn Arthur Meyer, Associate Professor of Surgery (Neurological), 1969, 1971.
B.S., Wisconsin, 1957; M.D., 1960.
- Don W. Micks, Professor and Chairman, Department of Preventive Medicine and
Community Health, 1949, 1966.
B.S., North Texas State, 1940; M.S., 1942; Sc.D., Johns Hopkins, 1948.
- Bobby L. Middlebrooks, Assistant Professor of Microbiology, 1968.
B.A., Rice, 1962; M.A., Texas (Dallas), 1964; Ph.D., 1966.
- Gordon C. Mills, Professor of Biochemistry and Research Associate Professor
(Biochemistry) in the Department of Internal Medicine, 1955, 1967.
B.S., Nevada, 1946; M.S., Michigan, 1948; Ph.D., 1951.

- Debdas Mukerjee, Assistant Professor of Pathology, 1969.
B.Sc., University of Calcutta (India), 1954; M.Sc., 1957; Ph.D., Kentucky, 1962.
- Luddo B. Nanninga, Research Associate Professor of Physiology, 1961, 1963.
B.Sc., University of Amsterdam (Netherlands), 1935; M.Sc., 1940; Ph.D., 1947.
- Joe Bert Nash, Associate Professor of Pharmacology and Toxicology, 1952, 1957.
B.S., Texas A&M, 1943; B.S., Texas (Austin), 1947; M.A., 1950; Ph.D., 1954.
- Bohdan R. Nechay, Associate Professor of Pharmacology and Toxicology, 1968.
D.V.M., Minnesota, 1953.
- Patrick F. Neville, Assistant Professor of Biochemistry, 1967.
B.S., Central (Missouri), 1956; M.S., Missouri, 1960; Ph.D., 1964.
- Wiktor W. Nowinski, Research Professor of Biochemistry, 1946, 1961.
Dr. Phil. Nat., University of Berne (Switzerland), 1933; Ph.D., University of Cambridge (England), 1938.
- Alice Anne O'Donell, Instructor in Pediatrics and Assistant Professor (Family Medicine) in the Department of Preventive Medicine and Community Health, 1969, 1970.
B.S., Arkansas State Teachers College, 1959; M.D., Arkansas, 1964.
- Leroy Justin Olson, Professor of Microbiology, 1954, 1966.
B.A., Concordia College, 1950; M.S., Kansas State, 1953; Ph.D., Texas (Austin), 1957.
- Andrew A. Ormsby, Professor of Biochemistry, 1941, 1953.
B.A., Wayne, 1931; M.A., 1935; Ph.D., Michigan, 1942.
- John E. Overall, Research Professor (Psychology) in the Department of Neurology and Psychiatry and Professor of Preventive Medicine and Community Health, 1963, 1971.
B.A., Trinity, 1954; Ph.D., Texas (Austin), 1958.
- Ardzroony A. Packchianian, Professor of Microbiology, 1941, 1946.
B.A., Temakan (Armenia), 1919; M.S., Michigan, 1930; Ph.D., 1933.
- Richard Boyd Passey, Instructor in Pathology, 1969.
B.S., Utah State, 1965; Ph.D., Colorado State, 1969.
- Marcel Patterson, Professor of Internal Medicine and Professor (Family Medicine) in the Department of Preventive Medicine and Community Health, 1954, 1971.
B.A., Texas (Austin), 1939; M.D., Tulane, 1943.
- John Elliott Perry, Clinical Associate Professor of Internal Medicine and Clinical Associate Professor of Preventive Medicine and Community Health, 1962, 1970.
B.A., Rice, 1953; M.D., Texas (Galveston), 1957.
- James Herman Pirch, Assistant Professor of Pharmacology and Toxicology, 1969.
A.B., William Jewell College, 1959; Ph.D., Kansas, 1966.
- Phillip L. Poffenbarger, Assistant Professor of Internal Medicine and Assistant Professor of Human Genetics, 1970, 1971.
A.B., Indiana, 1959; M.D., 1963; M.S., 1963.

- David Edward Potter, Assistant Professor of Pharmacology and Toxicology, 1969, 1970.
A.B., Texas Tech, 1960; Ph.D., Kansas, 1969.
- Gerald Francis Powell, Assistant Professor of Pediatrics and Assistant Professor of Human Genetics, 1968, 1969.
B.S., Marquette, 1953; M.D., 1957.
- James Lawrence Rae, Assistant Professor of Physiology and Assistant Professor of Ophthalmology, 1968, 1969.
B.A., Graceland College, 1962; M.S., Michigan State, 1964; Ph.D., 1968.
- Donald A. Rappoport, Research Professor (Biochemistry) in the Department of Pediatrics, 1960, 1968.
B.S., Illinois, 1935; M.A., California (Los Angeles), 1940; Ph.D., California (Berkeley), 1951.
- Marilyn Sue Rasco, Instructor in Human Genetics, 1970.
B.S., Texas (Austin), 1965; M.S., Texas (Houston), 1967; Ph.D., 1970.
- James C. Reitmeyer, Instructor in Microbiology, 1967.
B.S., Southwest Texas State, 1956; M.S., Texas A&M, 1962.
- Raymond Harrison Rigdon, Professor of Pathology, 1947.
B.S., Emory, 1929; M.D., 1931.
- Stephan E. Ritzmann, Professor of Pathology and Research Associate Professor of Internal Medicine, 1960, 1970.
M.D., Heidelberg College (Germany), 1953.
- Alvin Eli Rodin, Professor of Pathology, 1963, 1969.
M.D., University of Manitoba (Canada), 1950, M.Sc., 1960.
- Lawrence M. Ross, Assistant Professor of Anatomy, 1968.
B.A., St. Thomas (Houston), 1960; Ph.D., Texas (Galveston), 1966; M.D., 1968.
- Marcus Lamar Ross, Associate Professor (Family Medicine) and Director of the Division of Family Medicine, Department of Preventive Medicine and Community Health, 1969.
B.A., Texas (Austin), 1935; M.D., Texas (Galveston), 1939.
- F. Hermann Rudenberg, Associate Professor of Physiology, 1958, 1962.
S.B., Harvard, 1949; S.M., Chicago, 1951; Ph.D., 1954.
- Glenn V. Russell, Professor of Anatomy, 1951, 1970.
B.A., Cornell, 1948; M.A., 1949; Ph.D., 1951.
- Eberhardt K. Sauerland, Professor of Anatomy, 1971.
M.D., Kiel University, 1960.
- Rose G. Schneider, Research Professor (Pathology) in the Department of Pediatrics, 1962, 1969.
A.B., Barnard College, 1922; M.A., Radcliff, 1931; Ph.D., Cornell, 1937.
- Marvin Roy Shetlar, Professor of Biochemistry, 1966.
B.S., Kansas State, 1940; M.S., Ohio State, 1943; Ph.D., 1946.

- Leland L. Smith, Professor of Biochemistry, 1964, 1968.
B.A., Texas (Austin), 1946; M.A., 1948; Ph.D., 1950.
- Rodney F. Smith, Associate Professor of Microbiology, 1971.
A.A., Towson State, 1956; B.S., Maryland, 1959; M.S., 1963; Ph.D., 1965.
- G. John Stanton, Assistant Professor of Microbiology, 1967.
B.A., Stanford, 1956; M.S., Utah, 1963; Ph.D., 1967.
- H. Lowell Stone, Chief, Cardiovascular Control Section; Marine Biomedical Institute and Research Professor in the Department of Physiology, 1971.
B.S., Rice, 1958; M.S., Illinois (Urbana), 1959; Ph.D., 1961.
- Donald William Stubbs, Associate Professor of Physiology, 1963, 1968.
B.A., Texas Lutheran, 1954; M.A., Texas (Austin), 1956; Ph.D., Texas (Galveston), 1964.
- William M. Thompson, Assistant Professor of Preventive Medicine and Community Health, 1970.
B.A., Texas (Austin), 1959; Ph.D., Texas (Dallas), 1968.
- Daniel Lee Traber, Associate Professor of Physiology and Associate Professor in the Department of Anesthesiology, 1966, 1970.
B.A., St. Mary's, 1959; M.A., Texas (Galveston), 1963; Ph.D., 1965.
- Norman Martin Trieff, Associate Professor of Preventive Medicine and Community Health, 1968, 1971.
B.S., Brooklyn, 1950; M.S., Iowa, 1955; Ph.D., New York, 1963.
- June M. Tuma, Assistant Professor (Psychology) in the Department of Neurology and Psychiatry, 1969.
B.A., Louisiana, 1958; M.A., 1962; Ph.D., 1965.
- Willard F. Verwey, Professor and Chairman, Department of Microbiology, 1957.
B.S., Rutgers, 1934; Sc.D., Johns Hopkins, 1937.
- James R. Walker, Assistant Professor of Physiology, 1965, 1966.
B.S., Arizona State, 1956; Ph.D., Mississippi, 1965.
- Charles H. Wells, II, Assistant Professor of Physiology, 1963.
B.A., Randolph Macon, 1954; M.S., Michigan State, 1960; Ph.D., 1963.
- Betty Jean Williams, Assistant Professor of Pharmacology, 1968.
A.B., Woman's College of Georgia, 1958; M.A., Emory, 1963; Ph.D., 1967.
- William Darrell Willis, Jr., Chief, Comparative Marine Neurobiology Division; Marine Biomedical Institute and Professor of Anatomy and Professor of Physiology, 1970.
B.S., Texas A&M, 1956; B.A., 1956; M.D., Texas (Dallas), 1960; Ph.D., Australian National University, 1963.
- Stewart G. Wolf, Jr., Director, Marine Biomedical Institute and Professor of Internal Medicine and Professor of Physiology, 1969, 1970.
A.B., Johns Hopkins, 1934; M.D., 1938.
- Robert C. Wood, Associate Professor of Microbiology, 1964.
B.A., Lehigh, 1951; M.S., 1952; Ph.D., Maryland, 1955.

Robert Doyle Yates, Professor of Anatomy, 1961, 1970.

B.S., Alabama, 1954; M.S., 1956; Ph.D., 1960.

Margaret Claire Young, Instructor in Anatomy, 1970.

B.A., Texas (Austin), 1964; Ph.D., Texas (Galveston), 1969.

REGISTER OF STUDENTS

1970-1971

Name and Home Town

Alton, Harold E., Texas City, Texas
 Ayachi, Salah, Ksar-Gafsa, Tunisia
 Barnett, Donald Ray, Dickinson, Texas
 Barnhart, Charles C., Fort Worth, Texas
 Barón, Mary Louise, El Paso, Texas
 Beyer, Carol, Columbus, Ohio
 Bohs, Carl T., Dallas, Texas
 Bosworth, Walter C., Galveston, Texas
 Boughter, Jonathan Mark, Galveston, Texas
 Brady, John M., Galveston, Texas
 Bratcher, Raymond L., Galveston, Texas
 Bryan, Robert Nick, Galveston, Texas
 Calley, David J., Houston, Texas
 Carlisle, David L., Brownwood, Texas
 Cecil, Linda Marie, Conroe, Texas
 Cha, Stella C., Taipei, Taiwan
 Chamales, Michael H., Claude, Texas
 Chien, Su-Fang, Taipei, Taiwan
 Cohn, Richard Allan, Brooklyn, New York
 Dahl, Elmer V., Galveston, Texas
 Daniels, Jerry C., Fort Worth, Texas
 DeSpain, Judith Marie, Beaumont, Texas
 Dillard, Dorothy, San Benito, Texas
 Dinn, Paige Eastland, Corpus Christi, Texas
 Driscoll, Stephen E., Midland, Texas
 ElBihari, Sabir M., Khartoum, Sudan
 Ellis, Michael D., Sonora, Texas
 Ferguson, Will Earl, Buda, Texas
 Flores, Aurea E., Coyocacan, Mexico
 Fujitani, Hideo, Nishinomiya, Japan
 Galbraith, James W., Dallas, Texas
 Gawlik, Sister Mary Evelyn, Houston, Texas
 Gomer, Sushil K., Delhi, India
 Goodpasture, John E., San Antonio, Texas
 Gourley, Robert D., Alameda, California
 Griffin, Jeffrey F., Fort Worth, Texas
 Hamilton, Robert S., Corpus Christi, Texas
 Hander, Edwin W., La Marque, Texas
 Harkins, Jimmy Blaine, Stamford, Texas
 Hayes, James R., Galveston, Texas
 Haynes, Billie Jo, Henryetta, Oklahoma
 Herzberg, Victoria Liss, Houston, Texas
 Horng, Wayne J., Kangshan, Taiwan
 Hurry, Edna Kathryn, Dallas, Texas
 Joki, James Allen, Seattle, Washington

Jorgensen, James H., Frisco, Texas
Jungkind, Donald L., Austin, Texas
Kelly, Mary Pat, Galveston, Texas
Kopecky, Anne L., Corpus Christi, Texas
Krueger, Wesley W. O., Victoria, Texas
Laird, Robert Joel, Dayton, Texas
Langlais, Philip J., Beverly, Massachusetts
LeBlanc, John D., Beaumont, Texas
Little, John C., Abilene, Texas
Lucas, Mary Elizabeth, San Antonio, Texas
Matthews, Mary Jane, Winters, Texas
Maunz, Roger A., Galveston, Texas
Maxcy, Charles Philip, Jr., Galveston, Texas
May, Deborah C., Hobbs, New Mexico
McClung, J. Ross, Huntsville, Alabama
McCombs, Michael L., Waco, Texas
McCraw, Ronald Kent, Baytown, Texas
Miller, Thomas Huff, Houston, Texas
Moore, Norman Anthony, Wichita Falls, Texas
Murphy, David L., San Antonio, Texas
Myers, Nancy H., Galveston, Texas
Norris, James Ted, Corsicana, Texas
O'Bryan, James R., La Marque, Texas
Phillips, Michael T., Nederland, Texas
Reinhart, John A., Galveston, Texas
Richardson, James Allan, Pleasanton, Texas
Rigamonti, Donald D., Houston, Texas
Robin, Sidney T., Odessa, Texas
Sawyers, Richard A., Victoria, Texas
Schoen, Robert E., Austin, Texas
Schrack, Gordon D., Eldorado, Texas
Scott, James R., Bryan, Texas
Shult, Milton Don, El Campo, Texas
Smith, Clifton Wayne, Hitchcock, Texas
Smith, Marshall L., Hamlin, Texas
Spikes, John J., Galveston, Texas
Stager, Charles E., La Marque, Texas
Tinsley, Glen, Galveston, Texas
Trippodo, Nick Charles, Dickinson, Texas
Trujillo, John L., San Francisco, California
Vance, Walter Hugh, La Pluente, California
Verheyden, Charles Nash, Jacksonville, Texas
Waite, Richard E., Houston, Texas
Wall, Malcolm J., Port Arthur, Texas
Walter, Richard T., Seabrook, Texas
Warren, Sandra, La Marque, Texas
Wasserman, Martin A., Galveston, Texas
Williams, Howard R., La Marque, Texas
Willis, Donald B., El Paso, Texas
Wolf, Robert E., Houston, Texas
Woodson, Lee C., Wharton, Texas
Yen, Nancy H., Taichung, Taiwan

DEGREES CONFERRED

Doctor of Philosophy

December 18, 1970

Gomer, Sushil Kumar
 Waite, Richard Edward
 Wall, Malcolm Jefferson, Jr.

January 24, 1971

Bratcher, Raymond Lyle
 Little, John Clifton

June 9, 1971

Norris, James Ted
 Spikes, John Jefferson

July 30, 1971

Cha, Stella Chung-Yi
 Herzberg, Victoria Liss
 Moore, Norman Anthony

Master of Arts

January 24, 1971

Baron, Mary Louise
 Harkins, Jimmy Blaine

June 9, 1971

Alton, Harold Eugene
 Cecil, Linda Marie
 Chien, Su-Fang
 Elliott, Michael John, Jr.
 Matthews, Mary Jane
 Myers, Nancy Heard
 O'Bryan, James Rexford
 Wasserman, Martin Allan

July 30, 1971

Bosworth, Walter Charles
 Dinn, Linda Paige Eastland

Olson, David Oliver
 Robin, Sidney Thomas
 Vaughan, M.D., George M.

AWARDS

Honors and Awards Convocation

June 9, 1971

Sigma Xi Research Awards

Master of Arts. Carolyn Ann Martinez, M.A.
 Doctor of Philosophy. James Arly Nelson, Ph.D.

SUMMARY OF STUDENTS

September 1, 1970 through August 31, 1971

	Men	Women	Both
Students for Advanced Academic Degrees			
Basic Sciences.	76	21	97

STATISTICAL SUMMARIES - 1971

Degrees Conferred through August, 1971 by the Graduate School
 for Advanced Study Primarily at the Medical Branch

	1971			Total 1892-1971		
	Men	Women	Both	Men	Women	Both
Master of Science in Nursing ¹	0	0	0	1	60	61
Master of Arts	9	6	15	98	37	135
Doctor of Philosophy	8	2	10	75	14	89
TOTAL	17	8	25	174	111	285

¹The Master of Science in Nursing has not been awarded on this campus since August, 1967.

APPENDIX A

GRADUATE STUDENT ORGANIZATION CONSTITUTION

ARTICLE I

NAME AND OBJECT

Section 1. The body shall be known as The University of Texas Medical Branch at Galveston Graduate Student Organization.

Section 2. The object of the Organization is to facilitate the workings of all Graduate School functions, whether educational or social, to the best interests of the Graduate Students.

ARTICLE II

OFFICERS AND STANDING COMMITTEES OF THE ORGANIZATION

Section 1. The officers of the Organization shall consist of a President, Vice-President, and a Secretary-Treasurer.

Section 2. There shall be an Executive Committee which shall consist of the President, the Vice-President, the Secretary-Treasurer, and the graduate student representatives to the Student Senate.

ARTICLE III

MEMBERSHIP

Section 1. The membership of the Organization shall consist of those individuals registered either as full or part-time graduate students at The University of Texas Medical Branch at Galveston.

ARTICLE IV

DUES AND EXPENSES

Section 1. Each member of the Organization shall pay annually to the Organization Secretary-Treasurer such dues as are recommended by the Executive Committee and approved by the Organization.

Section 2. Fees to cover expenses for planned social events shall be payable to the Secretary-Treasurer; these fees to be determined according to the particular situation.

ARTICLE V

AMENDMENTS

Section 1. The Constitution may be amended by a two-thirds majority of the votes cast in an election provided such amendments have been considered by the Executive Committee and presented to the members of the Organization either at a previous meeting or in writing at least thirty days prior to the election for consideration of the amendment. The time and place for the election shall be announced in this notice.

ARTICLE VI

BYLAWS

Section 1. The Organization may establish such Bylaws as may seem necessary for the proper government of the Organization provided that such Bylaws do not in any way conflict with the Constitution and/or rules and regulations set forth by the administration of The University of Texas.

BYLAWS OF THE CONSTITUTION

ARTICLE I

ACTIVITIES OF THE ORGANIZATION

Section 1. The following activities are recognized as appropriate each year for The University of Texas Medical Branch at Galveston Graduate Student Organization; election of officers of the Organization; maintenance of communication (both educationally and socially) among students and faculty in the various departments; holding meetings for the discussion of scientific subjects; encouragement of new applicants for admission to The University of Texas Medical Branch Graduate School; arrangements for addresses by one or more individuals not necessarily to be concerned with topics in science.

ARTICLE II

MEETINGS

Section 1. The President, and in his absence the Vice-President, and in the absence of both, the Secretary-Treasurer of the Organization shall preside at all meetings.

Section 2. The order of business at each meeting shall be prepared by the Secretary-Treasurer in consultation with the Executive Committee.

Section 3. At least one meeting must be held each year for the transaction of business and presentation of members seeking election to office. This meeting should be held shortly after the beginning of the fall semester. The date and time of this meeting and all other meetings shall be determined by the Executive Committee.

Section 4. Special meetings shall be called by the Executive Committee at any time during the school year in response to a written request to that effect signed by at least five (5) members of the Organization.

Section 5. No business meeting of the Organization shall be held at any time unless a notice of such meeting shall have been mailed five (5) days previously to each member of the Organization.

Section 6. A quorum for transaction of business shall be two-fifths of the total membership and at least two members of the Executive Committee.

ARTICLE III

ELECTED OFFICIALS - DUTIES AND TERMS OF OFFICE

Section 1. The President and Vice-President shall be elected annually and shall not be eligible for re-election to the same office. The President shall be the moderator of all meetings of the Organization and be the Chairman of the Executive Committee. The Vice-President shall serve as Social Chairman and, in the absence of the President, will assume those duties.

Section 2. The Secretary-Treasurer shall be elected annually and shall be eligible for re-election. The duties of the Secretary-Treasurer shall be to keep the minutes of the Organization and Executive Council Meetings and shall be responsible for the financial affairs of the Organization.

Section 3. Two graduate students shall be elected annually to serve as Graduate Student Representatives to the Student Senate. In addition to representing the Graduate School in the Student Government, one (of the two) shall be a member of the Honor Council.

Section 4. The terms of office shall begin one (1) day after the election and shall end on election day the following year.

Section 5. In the event of a vacancy in any office or committee the President or, in the case of his absence or incapacity, the Vice-President, shall make a temporary appointment until the next election.

ARTICLE IV

EXECUTIVE COMMITTEE

Section 1. The Executive Committee shall consist of the President, the Vice-President, the Secretary-Treasurer, and the graduate student representatives to the Student Senate. The Executive Committee shall have charge of arranging programs for meetings and shall transact such other business as may arise in the interval between meetings. Actions by the Executive Committee shall require a favorable vote by a majority of the entire committee.

Section 2. The president of the Organization shall act as the representative of this Organization at all meetings of the Student American Medical Association Council. He shall exercise his vote in this council to the best interests of the graduate student body and the University as a whole. All matters arising at SAMA Council meetings which pertain directly to the graduate student body shall be discussed by the Executive Council and the President's vote directed by the decision of this Executive Council meeting. All such votes cast shall be reported in the following Graduate Student Organization Bulletin.

Section 3. The Executive Committee will appoint a student to serve as an editor of the graduate student section of THE SYNDROME, and to make other such appointments as the need arises.

ARTICLE V

NOMINATIONS AND ELECTIONS

Section 1. Nominations for the offices of President, Vice-President, Secretary-Treasurer, Senators, and Honor Council Representative will be open for one (1) week following written notice to each member of the Organization. The procedure for the nomination of candidates will be determined by the Executive Committee.

Section 2. One week after nominations have closed, elections will be held with voting by secret ballot at the time and place determined by the Executive Committee.

Section 3. As stated in Article II, Section 3, a special meeting of the Organization shall be called at least one day prior to the election for the purpose of presenting the nominees to the members.

ARTICLE VI

COMMITTEES

Section 1. Committees shall be formed to deal with any matters which are other than those within the realm of responsibility of the Executive Committee, or to assist the Executive Committee in the performance of their functions.

Section 2. The President, with the approval of the Executive Committee, shall

appoint Special Committees as the needs of the Organization require.

ARTICLE VII

DUES AND EXPENSES

Section 1. Each member shall pay annually dues and assessments as set by the Executive Committee, and the schedule of such dues and assessments shall be offered for ratification at the next meeting of the Organization. All dues and assessments are due and payable to the Organization Secretary-Treasurer immediately following their ratification.

Section 2. Expenses incurred by the Organization shall be paid by the Secretary-Treasurer after certification by the Executive Committee.

Section 3. An annual financial report shall be made to the Organization by the Secretary-Treasurer.

Galveston, Texas
October 5, 1971

APPENDIX B

Appendix B

The University of Texas Medical Branch at Galveston
Graduate School
Calendar

1971

September	2 - 3	Thursday, Friday. Registration for First Semester.
September	7	Tuesday. Instruction begins at 8:00 a.m.
November	24	Wednesday. Thanksgiving recess begins at 5:00 p.m.
November	29	Monday. Instruction resumes at 8:00 a.m.
December	3	Friday. Deadline for receipt of theses and dissertations for December completion.
December	15 - 16	Wednesday, Thursday. Registration for Second Semester.
December	17	Friday. First Semester ends at 5:00 p.m.

1972

January	3	Monday. Instruction begins at 8:00 a.m.
January	5	Wednesday. Final day for registration.
March	30	Thursday. Easter recess begins at 5:00 p.m.
April	3	Monday. Instruction resumes at 8:00 a.m. Deadline for receipt of theses and dissertations for April completion.
April	12 - 13	Wednesday, Thursday. Registration for Third Semester.
April	14	Friday. Second Semester ends at 5:00 p.m.
April	17	Monday. Instruction begins at 8:00 a.m.
April	19	Wednesday. Final day for registration.
May	18	Thursday. Deadline for receipt of theses and dissertations for June Commencement.

June	7	Wednesday. Honors Convocation and Commencement.
July	14	Friday. Deadline for receipt of theses and dissertations for July completion.
July	28	Friday. Third Semester ends at 5:00 p.m.
August	31-Sept. 1	Thursday, Friday. Registration for First Semester.
September	5	Tuesday. Instruction begins at 8:00 a.m.
September	7	Thursday. Final day for registration.
November	22	Wednesday. Thanksgiving recess begins at 5:00 p.m.
November	27	Monday. Instruction resumes at 8:00 a.m.
December	1	Friday. Deadline for receipt of theses and dissertations for December completion.
December	13 - 14	Wednesday, Thursday. Registration for Second Semester.
December	15	Friday. First Semester ends at 5:00 p.m.

1973

January	2	Tuesday. Instruction begins at 8:00 a.m.
January	4	Thursday. Final day for registration.
March	30	Friday. Deadline for receipt of theses and dissertations for April completion.
April	11 - 12	Wednesday, Thursday. Registration for Third Semester.
April	13	Friday. Second Semester ends at 5:00 p.m.
April	16	Monday. Instruction begins at 8:00 a.m.
April	18	Wednesday. Final day for registration.
May	16	Wednesday. Deadline for receipt of theses and dissertations for June Commencement.
June	6	Wednesday. Honors Convocation and Commencement.
July	13	Friday. Deadline for receipt of theses and dissertations for July completion.
July	27	Friday. Third Semester ends at 5:00 p.m.

Register of Students

1968 - 1969

Name and Home Town

Alton, Harold E., Texas City, Texas
 Anderson, Judith Claire, Brownsville, Texas
 Barnett, Donald Ray, Dickinson, Texas
 Baron, Mary Louise, El Paso, Texas
 Beathard, Gerald Avon, Vidor, Texas
 Berlin, Jacques A., Galveston, Texas
 Bratcher, Raymond L., Galveston, Texas
 Calhoun, William Benjamin, Galveston, Texas
 Calley, David J., Houston, Texas
 Calliham, George D., Brady, Texas
 Carlisle, David L., Brownwood, Texas
 Carrier, Gerald Oliver, San Antonio, Texas
 Cha, Stella C., Taipei, Taiwan
 Chamales, Michael H., Claude, Texas
 Charsha, Deborah Elizabeth, Hobbs, New Mexico
 Chien, Su-Fang, Taipei, Taiwan
 Dalal, Sudhir Natverlal, Baroda, India
 Daniel, Britt Talley, Temple, Texas

Daniels, Jerry C., Fort Worth, Texas
 Daoud, Abdulwahid Hussein, Baghdad, Iraq
 Driscoll, Stephen E., Midland, Texas
 EIBihari, Sabir M., Khartoum, Sudan
 Elliott, Michael John, Jr., Pasadena, Texas
 Ferguson, Earl Wilson, Charlotte, Texas
 Ferguson, Will Earl, Buda, Texas
 Gawlik, Sister Mary Evelyn, Houston, Texas
 Gomer, Sushil K., Delhi, India
 Guice, Martha Ann, Lucedale, Mississippi
 Guinan, Mary Elizabeth, New York City, New York
 Hadaway, David B., Tulsa, Oklahoma
 Harkins, Jimmy Blaine, Stamford, Texas
 Henderson, Ralph Joseph, Jr., Galveston, Texas
 Horbelt, Douglas W., Pasadena, Texas
 Horng, Wayne J., Kangshan, Taiwan
 Howerton, Ernest Edward, San Antonio, Texas
 Hurry, Edna Kathryn, Dallas, Texas
 Izzat, Nawfal Nouri, Mosul, Iraq
 Jungkind, Donald L., Austin, Texas
 Kleibrink, Ronald Gus, Texas City, Texas
 Kopecky, Anne L., Corpus Christi, Texas
 Laird, Robert Joel, Dayton, Texas
 LaVail, Matthew M., III, Irving, Texas
 Lei, Lei, Taipei, Taiwan
 Lewis, Alvin M., Galveston, Texas
 Little, John C., Abilene, Texas
 Liu, Ching-An, Taipei, Taiwan
 Long, Kenneth Lee, Galveston, Texas
 MacDougall, Nora Lindsay, Pryor, Oklahoma
 Martinez, Carolyn Ann, San Antonio, Texas
 Matthews, Murray Albert, Houston, Texas
 Maxcy, Charles Philip, Jr., Galveston, Texas
 McClung, J. Ross, Huntsville, Alabama
 McCombs, Michael L., Waco, Texas
 Moore, Norman Anthony, Wichita Falls, Texas
 Murphy, David L., San Antonio, Texas
 Murphy, James Clyde, San Antonio, Texas
 Myers, Jerry Lynn, Texas City, Texas
 Nelson, James Arly, Cleveland, Texas
 Norman, Albion Arlo, Galveston, Texas
 Norman, Richard, Houston, Texas
 Norris, James Ted, Corsicana, Texas
 O'Bryan, James R., La Marque, Texas
 Olson, David Oliver, Nederland, Texas
 Peel, H. Herbert, Galveston, Texas
 Pegram, Barbara Lou, San Antonio, Texas
 Priano, Lawrence Leland, Spokane, Washington
 Rakitzis, Emmanuel T., Athens, Greece
 Richardson, James Allan, Pleasanton, Texas
 Robin, Sidney Thomas, Odessa, Texas
 Schoen, Robert E., Austin, Texas
 Scott, James R., Bryan, Texas
 Singer, Joel Michael, San Antonio, Texas
 Smith, Clifton Wayne, Hitchcock, Texas
 Smith, Marshall L., Jr., Hamlin, Texas

1009

Smith, Sharon Ann, Winnsboro, Texas
Spikes, John Jefferson, Galveston, Texas
Stager, Charles E., La Marque, Texas
Thielges, John Ronald, Chicago, Illinois
Turner, Mary F., La Marque, Texas
van Lier, Johannes E., Galveston, Texas
Vaughan, Mary Kathleen, Houston, Texas
Verheyden, Charles Nash, Jacksonville, Texas
Waite, Richard E., Houston, Texas
Wall, Malcolm Jefferson, Port Arthur, Texas
Wasserman, Martin A., Galveston, Texas
Watson, Stuart Steve, Houston, Texas
Wilkenfeld, Byron Eli, Houston, Texas
Williams, Howard Roy, Jr., La Marque, Texas
Young, Margaret, Austin, Texas

Degrees Conferred

Doctor of Philosophy

January 26, 1969

Guinan, Mary Elizabeth
Izzat, Nawfal Nouri

June 11, 1969

Beathard, Gerald Avon
Myers, Jerry Lynn
Rakitzis, Emmanuel T.
van Lier, Johannes Ernestinus
Young, Margaret Claire Broman

August 24, 1969

LaVail, Matthew Maurice, III
Wilkenfeld, Byron Eli

Master of Arts

June 11, 1969

Barnett, Don Ray
Cherry, Thomas Davies
Daniels, Jerry Claude
Howerton, Ernest Edward, Jr.
Marks, Leonard Stephen
Mayhall, William Sherry Thomas
Nicholson, William Daniel, III
Norman, Richard Joseph

August 24, 1969

Anderson, Judith Claire
Calhoun, William Benjamin, III

Awards

Honors and Awards Convocation
June 11, 1969

Sigma Xi Research Award

Johannes E. van Lier, Ph.D.

Summary of Students

September 1, 1968 through August 31, 1969

	Men	Women	Both
Students for Advanced Academic Degrees			
Basic Sciences.	71	18	89

Statistical Summaries - 1969

Degrees Conferred through August, 1969 by the Graduate School
for Advanced Study Primarily at the Medical Branch

	1969			Total 1892-1969		
	Men	Women	Both	Men	Women	Both
Master of Science in Nursing	0	0	0	1	60	61
Master of Arts	9	1	10	84	25	109
Doctor of Philosophy	7	2	9	60	11	71
TOTAL	16	3	19	145	96	241

Register of Students

1969 - 1970

Name and Home Town

Alton, Harold E., Texas City, Texas
Barnes, George Edgar, San Antonio, Texas
Barnett, Donald Ray, Dickinson, Texas
Barnhart, Charles C., Jr., Fort Worth, Texas
Baron, Mary Louise, El Paso, Texas
Berlin, Jacques A., Galveston, Texas
Bohs, Carl T., Dallas, Texas
Bosworth, Walter C., Galveston, Texas
Boughter, Jonathan Mark, Galveston, Texas

Bratcher, Raymond L., Galveston, Texas
Calley, David J., Houston, Texas
Carlisle, David L., Brownwood, Texas
Carrier, Gerald Oliver, San Antonio, Texas
Cecil, Linda Marie, Conroe, Texas
Cha, Stella C., Taipei, Taiwan
Chamales, Michael H., Claude, Texas
Chen, Nancy Hua-lan, Taichung, Taiwan
Chien, Su-Fang, Taipei, Taiwan
Chipps, Donna D., Fort Worth, Texas
Cohn, Richard Allan, Brooklyn, New York
Dahl, Elmer V., Galveston, Texas
Daniels, Jerry C., Fort Worth, Texas
Davis, Terry, Fort Worth, Texas
Dinn, Paige Eastland, Corpus Christi, Texas
Driscoll, Stephen E., Midland, Texas
ElBihari, Sabir M., Khartoum, Sudan
Ferguson, Will Earl, Buda, Texas
Folse, Dean S., Galveston, Texas
Gawlik, Sister Mary Evelyn, Houston, Texas
Gomer, Sushil K., Delhi, India
Gourley, Robert D., Alameda, California
Griffin, Jeffrey F., Fort Worth, Texas
Hamilton, Robert S., Corpus Christi, Texas
Hander, Edwin W., La Marque, Texas
Harkins, Jimmy Blaine, Stamford, Texas
Haynes, Billie Jo, Henryetta, Oklahoma
Henderson, Ralph Joseph, Jr., Galveston, Texas
Herzberg, Victoria Liss, Houston, Texas
Horng, Wayne J., Kangshan, Taiwan
Howerton, Ernest E., San Antonio, Texas
Hurry, Edna Kathryn, Dallas, Texas
Jacobsen, Stephen J., San Antonio, Texas
Jeter, James Rolater, Jr., San Antonio, Texas
Jungkind, Donald L., Austin, Texas
Jurevics, Helga Anna, San Antonio, Texas
Kardon, Merrill Brian, San Antonio, Texas
Kemp, Dorcas Suzanne, San Antonio, Texas
Kenney, Jane Alice, Corpus Christi, Texas
Kimbrow, Robert W., Rio Vista, Texas
Kopecky, Anne L., Corpus Christi, Texas
Laird, Robert Joel, Dayton, Texas
Lei, Lei, Taipei, Taiwan
Little, John C., Abilene, Texas
Long, Robert McLin, Beaumont, Texas
Martinez, Carolyn Ann, San Antonio, Texas
Matthews, Mary Jane, Winters, Texas
Matthews, Murray Albert, Houston, Texas
Maxcy, Charles Philip, Jr., Galveston, Texas
May, Deborah Charsha, Hobbs, New Mexico
McClung, J. Ross, Huntsville, Alabama
McCombs, Michael L., Waco, Texas
McNabb, James D., Galveston, Texas
Moore, Norman Anthony, Wichita Falls, Texas
Murphy, David L., San Antonio, Texas
Murphy, James Clyde, San Antonio, Texas

Myers, Nancy H., Galveston, Texas
 Nelson, James Arly, Cleveland, Texas
 Newman, Joseph Thomas, San Antonio, Texas
 Norris, James Ted, Corsicana, Texas
 O'Bryan, James R., La Marque, Texas
 Pegram, Barbara L., San Antonio, Texas
 Phillips, Michael T., Nederland, Texas
 Priano, Lawrence Leland, Spokane, Washington
 Raimier, Benny G., Warren, Texas
 Richardson, James Allan, Pleasanton, Texas
 Rigamonti, Donald D., Houston, Texas
 Robin, Sidney Thomas, Odessa, Texas
 Sawyers, Richard A., Edna, Texas
 Schoen, Robert E., Austin, Texas
 Scott, James R., Bryan, Texas
 Shult, Milton Donald, Jr., El Campo, Texas
 Singer, Joel Michael, San Antonio, Texas
 Smith, Clifton Wayne, Hitchcock, Texas
 Smith, Marshall L., Jr., Hamlin, Texas
 Spikes, John Jefferson, Galveston, Texas
 Stager, Charles E., La Marque, Texas
 Trujillo, John L., San Francisco, California
 Turner, Mary F., La Marque, Texas
 Vaughan, George M., Houston, Texas
 Vaughan, Mary Kathleen, Houston, Texas
 Waite, Richard E., Houston, Texas
 Walke, John S., Dallas, Texas
 Wall, Malcolm Jefferson, Port Arthur, Texas
 Wasserman, Martin A., Galveston, Texas
 Watson, Stuart Steve, Houston, Texas
 Williams, Howard Roy, Jr., La Marque, Texas
 Wolf, Robert Edward, Houston, Texas

Degrees Conferred

Doctor of Philosophy

January 25, 1970

Matthews, Murray Albert

June 10, 1970

Berlin, Jacques Arkin
 Ferguson, Earl Wilson
 Priano, Lawrence Leland
 Vaughan, Mary Kathleen Cotten

August 28, 1970

Folse, D.V.M., Dean Sydney
 Henderson, Ralph Joseph, Jr.
 Nelson, James Arly

Master of Arts

January 25, 1970

Cha, Stella Chung-Yi
 Kopecky, Anne Louise
 Schoen, Robert Edward
 Smith, Sharon Ann
 Turner, Mary Bess Faris

June 10, 1970

McCombs, Michael Lee
 Murchison, Robert Julien
 Raimer, Benny Gene
 Scott, James Randolph

August 28, 1970

Lei, Lei
 Martinez, Carolyn Ann

Awards

Honors and Awards Convocation
 June 10, 1970

Sigma Xi Research Award

Matthew M. LaVail, III, Ph.D.

Summary of Students

September 1, 1969 through August 31, 1970

	Men	Women	Both
Students for Advanced Academic Degrees			
Basic Sciences.	74	23	97

Statistical Summaries - 1970

Degrees Conferred through August, 1970 by the Graduate School
 for Advanced Study Primarily at the Medical Branch

	1970			Total 1892-1970		
	Men	Women	Both	Men	Women	Both
Master of Science in Nursing	0	0	0	1	60	61
Master of Arts	5	6	11	89	31	120
Doctor of Philosophy	7	1	8	67	12	79
TOTAL	12	7	19	157	103	260

TRAVEL IN EXCESS OF 29 DAYS: In compliance with Section 13:33 of Chapter III of Part II of the Rules and Regulations of the Board of Regents for the Government of The University of Texas System, I recommend approval of the following travel request:

1. Dr. Richard E. Coggeshall, Chief, Ultrastructure Section, Marine Bio-medical Institute, for the period February 7, 1972 through March 7, 1972, to participate as Visiting Professor of Anatomy at the Harvard Medical School, Boston, Massachusetts. His travel expenses are to be paid by the Harvard Medical School.

GIFTS: In compliance with Section 1, Subsection 1.3, of Chapter I of Part II 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. Dr. H. D. Gilliam Dr. D. D. Walker McAllen Radiologic Clinic 416 South Broadway McAllen, Texas	Gift of 15 radium needles containing approximately 23 mgs. of radium valued at \$800.00 for use by the Department of Radiology.	\$
2. E. R. Squibb & Sons, Inc. 909 Third Avenue New York, N. Y.	To cover the publication cost for 50,000 English and 10,000 Spanish Editions of the book entitled "An Instructional Aid on Juvenile Diabetes Mellitus." Funds deposited in a Current Restricted Account; expenditures to be authorized by Dr. Luther B. Travis, Associate Professor, Department of Pediatrics.	\$29,135.00

GRANTS (NONGOVERNMENTAL): Approval is respectfully requested for the acceptance of the following grants:

<u>Donor and Address</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
1. American Heart Association Bay Area Chapter 2221 Market Street Galveston, Texas	For support of research on Lipid Requirements of B-Hydroxybutyrate Dehydrogenase; directed by Dr. Pat F. Neville, Assistant Professor, Department of Biochemistry.	\$ 3,000.00
2. The Kelsey and Leary Foundation 6624 Fannin Houston, Texas	For the Development and Purchase of a Dialysis Unit for Maintenance of Patients Awaiting Renal Transplantation. The project is directed by Dr. Harry E. Sarles, Professor, Department of Internal Medicine.	\$ 7,000.00

GRANTS (NONGOVERNMENTAL) - continued

<u>Donor and Address</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
3. The Moody Foundation 704 Moody National Bank Building Galveston, Texas	Grant No. 71-240 for continuing the operation of the Longitudinal Study conducted by the Department of Pediatrics concerning the early detection of hypertension and renal diseases in school-age children; directed by Dr. Warren F. Dodge, Associate Professor, Department of Pediatrics. (This is reported as an extension of a previous grant, No. 70-126, previously docketed - Board of Regents' Minutes of October 23, 1970, Item No. 6, Page G-7).	\$75,000.00
4. Medical Research Foundation of Texas, Inc. Adams Petroleum Center Building Houston, Texas	Represents an Institutional "seed research grant." Funds to be administered by the research committee. (This is reported as an extension of a previous grant, previously docketed, Board of Regents' Minutes of April 23, 1971, Page G-5, Docket Item #1.)	\$ 5,000.00
5. National Cystic Fibrosis Research Foundation 202 East 44th Street New York, N. Y.	For research on Purification of the C/F Factor and Characterizing its Malfunction in the Disease, for the period October 1, 1971 through September 30, 1972. The project is directed by Barbara H. Bowman, Ph.D., I. H. Kemmer Professor and Chairman, Department of Human Genetics.	\$10,500.00

CONTRACTS AND GRANTS (FEDERAL): The following contracts and grants have been signed by the appropriate official upon the recommendation of the respective technical directors, fiscal officer, and the Director of the Office of Sponsored Research. I recommend approval and ratification of signatures:

1. Letter, dated October 15, 1971, by which the Department of Health, Education, and Welfare, Public Health Service, extends the expiration date of Grant No. 5 R22-AI-08518-03 through October 31, 1972, without additional funds. The total project period is now November 1, 1968 through October 31, 1972. The research on Antibacterial Immunity Against *Vibrio Cholerae* continues under the direction of Dr. Willard F. Verwey, Professor and Chairman, Department of Microbiology.

CONTRACTS AND GRANTS (FEDERAL) - continued

2. Grant No. NGR 44-088-002, by which the National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, provides \$26,102, for the period November 1, 1971 through October 31, 1972, for research on Mechanisms of Cerebral Blood Flow Changes During Acceleration Stress (+G_x and +G_z). The project is directed by Dr. H. Lowell Stone, Chief, Cardiovascular Control Section, Division of Comparative Marine Neurobiology, Marine Biomedical Institute.
3. Contract No. NAS 9-12296, by which the National Aeronautics and Space Administration, Manned Spacecraft Center, Houston, Texas, provides \$60,000, for the period October 1, 1971 until October 1, 1972, for research on Humoral and Cellular Aspects of Man's Immunity to Manned Spaceflight. The project is directed by Dr. Stephan E. Ritzmann, Professor of Pathology and Director of the Division of Experimental Pathology-Immunology, and Dr. William C. Levin, Professor of Medicine and Director of the Division of Hematology.
4. Grant No. 5 R01 AML3520-03, by which the Department of Health, Education, and Welfare, Public Health Service, provides \$16,400, plus indirect costs, for the period November 1, 1971 through October 31, 1972, for research on Hydroperoxides in Steroid Hormone Biosynthesis. The project is directed by Dr. Leland L. Smith, Professor, Department of Biochemistry.
5. Supplemental Agreement No. 7 to Contract No. NIH-NHLI-69-2124, by which the Department of Health, Education, and Welfare, Public Health Service, extends the expiration date of the contract through December 31, 1971, without additional funds. The research on Urokinase - Pulmonary Embolism Trial is directed by Dr. W. J. deGroot, Associate Professor, Department of Internal Medicine.
6. Grant No. 5 R01 AI08430-10, by which the Department of Health, Education, and Welfare, Public Health Service, provides \$16,915 plus indirect costs, for the period December 1, 1971 through November 30, 1972. The research on Acute Glomerulonephritis -- Course and Prognosis is directed by Dr. Warren F. Dodge, Associate Professor, Department of Pediatrics.
7. Modification No. 11 to Contract No. PH 86-67-238, by which the Department of Health, Education, and Welfare, Public Health Service, deletes paragraph I under Article 19, Reports Section of the contract and substitutes the following in lieu thereof:
- "1. A Semi-Annual Financial Report, due February 1 and August 1, detailing the fiscal operations for the previous six months (to be supplied in triplicate) as described in Semi-Annual Financial Reporting Procedures for Chronic Dialysis Development and Training Centers."
- The project for the operation of a Chronic Home Dialysis Program and Transplant Center is directed by Dr. T. G. Blocker, Jr., President.
8. Grant No. 1 7 53 9013 09 1, by which the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, provides an additional \$18,672, for the period July 1, 1971 through June 30, 1972, for support of the Health Professions Student Loan Program. The project is directed by Mr. Gene Powell, Director of Student Personnel Services.

CONTRACTS AND GRANTS (FEDERAL) - continued

9. Grant No. 5 R01 HE12751-09, by which the Department of Health, Education, and Welfare, Public Health Service, provides \$18,688, plus indirect costs, for the period January 1, 1972 through December 31, 1972, for research on Electron Microscopy - Effects of Cholesterol Inhibitors. The project is directed by Dr. Robert D. Yates, Professor, Department of Anatomy.
10. Grant No. 3 R01 AML2805-03S1, by which the Department of Health, Education, and Welfare, Public Health Service, provides \$1,827.00 plus indirect costs, for the period October 1, 1971 through December 31, 1972, for research on Thermal Injury, Replacement Therapy In. The project is directed by Dr. McChesney Goodall, Professor, Department of Surgery.
11. Grant No. 5 R10 CA0396-15, by which the Department of Health, Education, and Welfare, Public Health Service, provides \$42,597.00 plus indirect costs, for the period January 1, 1972 through December 31, 1972, for research on Southwest Cancer Chemotherapy Study Group. The project is directed by Dr. William C. Levin, Professor, Department of Internal Medicine.
12. Grant No. 5 R01 NS00690-18, by which the Department of Health, Education, and Welfare, Public Health Service, provides \$24,586.00 plus indirect costs, for the period January 1, 1972 through December 31, 1972, for research on Electron Microscopy of the Nervous System. The total project period extends from January 1, 1970 through December 31, 1974. The project is directed by Dr. Donald Duncan, Professor, Department of Anatomy.
13. Modification No. P207 to Contract No. DADA17-68-C-8152, by which the Department of the Army, Headquarters, U. S. Army Medical Research and Development Command, Washington, D.C., fixes the overhead rate for the period September 1, 1969 through January 31, 1972 at 53.0 percent of direct salaries and wages including vacation, holiday and sick pay, but excluding other fringe benefits. The research on Effect of Dosage Interval on Response to Reimmunization with Cholera Vaccine is directed by Dr. W. F. Verwey, Professor and Chairman, Department of Microbiology.
14. Modification No. 2 S to Contract No. NAS 9-11088, by which the National Aeronautics and Space Administration, Manned Spacecraft Center Facility & Laboratory Support Branch, Houston, Texas, increases the amount of the contract by \$74,998.00 and extends the performance period through September 30, 1972. The research on Man's Immunity in Space - In Vitro Aspects is directed by Dr. Stephan E. Ritzmann, Professor of Pathology and Director of the Division of Experimental Pathology-Immunology, and Dr. William C. Levin, Professor of Medicine and Director, Division of Hematology.
15. Grant No. 5 R01 NS09018-03, by which the Department of Health, Education, and Welfare, Public Health Service, provides \$16,852 plus indirect costs, for the period January 1, 1972 through December 31, 1972, for research on Viscero-Somatic Interaction in the Lumbar Spinal Cord. The project is directed by Dr. Michael B. Hancock, Assistant Professor, Department of Anatomy.

CONTRACTS AND AGREEMENTS (OTHER): The following contracts and agreements have been executed on behalf of The University of Texas Medical Branch at Galveston by the official indicated. I recommend approval and ratification of signatures:

1. Amendment No. 1 to Interagency Cooperation Contract No. IAC(72-73)-110, wherein the Texas State Department of Health increases the amount of the contract by \$340.00 for a medical team from The University of Texas Medical Branch at Galveston, Department of Obstetrics and Gynecology, to assist in the family planning services program in the Counties of Cameron, Willacy, Hidalgo, and Starr. The amendment was signed on behalf of The University of Texas Medical Branch at Galveston by Dr. T. G. Blocker, Jr., President. The amendment was signed by the State Board of Control on November 11, 1971.
2. Interagency Cooperation Contract No. IAC(72-73)-260 between The University of Texas Nursing School (System-wide) and The University of Texas Medical Branch at Galveston, wherein The University of Texas Nursing School (System-wide) provides \$33,761.40, for the period September 1, 1971 through August 31, 1972, for the use of 14,503 gross square feet of space in Brackenridge Hall, located on The University of Texas Medical Branch campus at Galveston, for office and class rooms, including the cost of all custodial service, administrative costs, general maintenance and operation such as electricity, heat, water, and the necessary repairs, supplies and equipment expense necessary to keep the facility in a first class operating condition. The contract was signed on behalf of The University of Texas Medical Branch at Galveston by Mr. V. E. Thompson, Vice-President for Business Affairs and Hospital Services. The contract was signed by the State Board of Control on September 1, 1971. The contract was signed on behalf of The University of Texas Nursing School (System-wide) by Dr. Marilyn D. Willman, Dean.
3. Interagency Cooperation Contract No. IAC(72-73)-263 between The University of Texas Nursing School (System-wide) and The University of Texas Medical Branch at Galveston, by which The University of Texas Nursing School (System-wide) provides \$7,500, for the period September 1, 1971 through August 31, 1972, for the purpose of enabling The University of Texas Medical Branch at Galveston to furnish general stores supplies, telephone, postage, photography services, art work, duplication, and such other needed supplies and services as The University of Texas Nursing School (System-wide) may consider necessary to its operation. The contract was signed on behalf of The University of Texas Nursing School (System-wide) by Dr. Marilyn Willman, Dean. The contract was signed on behalf of The University of Texas Medical Branch at Galveston by Mr. V. E. Thompson, Vice-President for Business Affairs and Hospital Services. The contract was signed on behalf of the State Board of Control on September 1, 1971.
4. Interagency Cooperation Contract No. IAC(72-73)-309 between The University of Texas Medical Branch at Galveston and the Texas State Department of Health, wherein the Texas State Department of Health provides \$22,590, for the period December 3, 1971 through June 30, 1972, for The University of Texas Medical Branch at Galveston through its Nutrition Program in the Department of Obstetrics and Gynecology to conduct a collaborative study to determine the prevalence of goiter and the level of iodine nutritive among 200 school children in the 10-15 year age group in selected counties in the State of Texas. The contract was signed on behalf of The University of Texas Medical Branch at Galveston by Dr. T. G. Blocker, Jr., President. The contract was signed by the State Board of Control on December 3, 1971.

RECOMMENDED AMENDMENTS TO 1970-71 BUDGETTransfer of Funds

1. From: Various Accounts (detailed below)	\$ 703,061.61
Unallocated Appropriations	<u>341,377.29</u>
	<u>\$1,044,438.90</u>
To: Various Accounts (detailed below)	\$ 173,159.28
Unappropriated Surplus	<u>871,279.62</u>
	<u>\$1,044,438.90</u>

For: To close departmental balances as of August 31, 1971.
This budget change does not include any transfers
from Unappropriated Balances.

<u>Source of Funds:</u>	<u>Teaching Salaries</u>	<u>Other Salaries</u>	<u>M & O Equipment</u>	<u>Travel</u>
Office of the President	\$	\$ 630.20	\$ 397.13	\$
Information Office		54.00	385.51	51.85
Vice-President for Business Affairs		600.00	3,286.01	443.03
Budget Office		113.87	181.40	14.00
Director of Student Personnel Services		3,393.86	1,156.13	749.05
Office of Admissions		93.00		1,296.49
Office of Systems Development		49.88	181.23	275.00
Director of General Services			1,072.88	289.80
Director of Fiscal Services		611.03	123.11	
Office of Director of Accounting		1,241.55	169.33	581.95
Office of Patient Finance		1,461.91		41.54
Service Computation Center			65,018.10	58.84
Personnel Office		1,126.36		404.80
In-Service Education		639.00		158.30
Office of Purchasing Agent		81.82		489.00
General Stores		92.62		120.00
Mail and Telephone Service			5,045.06	837.00
Personnel Clinic		2,101.87	466.29	
Office of Sponsored Research			333.23	.85
Development Office			859.07	
Vice-President for Academic Affairs		5,693.12	1,849.97	2,830.88
Anatomy		315.21	4,683.45	
Anesthesiology	777.78		25.50	
Biochemistry and Nutrition		767.75		49.62
Dermatology			438.91	
Human Genetics		6.00		351.30
Internal Medicine	261.67	1,737.54	449.35	
Microbiology		4.74	199.82	.20
Neurology and Psychiatry	1,750.00	39.05	3,910.69	
Obstetrics and Gynecology		77.95		
Otorhinolaryngology		3,055.42	5.56	
Pathology	1,249.98	80.52		
Pediatrics	5,313.48	778.42		
Pharmacology		1,543.98		.50
Physiology		1,619.41	6.00	17.55
Preventive Medicine and Community Health	1,083.99	587.85	45.15	11.50

RECOMMENDED AMENDMENTS TO 1970-71 BUDGET - continuedTransfer of Funds (continued)

<u>Source of Funds (cont'd.)</u>	<u>Teaching Salaries</u>	<u>Other Salaries</u>	<u>M & O Equipment</u>	<u>Travel</u>
Radiology	\$	\$ 1,789.50	\$ 450.00	\$
Surgery	.12	6,887.92	1,826.80	
Dean of Allied Health Science			609.27	76.00
Medical Records Adminis- tration			41.32	
Medical Technology			97.94	22.30
Occupational Therapy	479.48		21.41	130.12
Physical Therapy				1.00
Associated Health Occupation			116.30	35.40
Vice-President for Hospital Services		17,233.16	2,604.62	8.50
Office of In Service Education		3,231.56	103.64	
Unit Management		8,947.73		28.18
Admitting Office - Patients		240.26	162.99	
Out-Patient Department		90.00	15,700.72	321.71
Patient Billing Service			1,357.00	
Nursing Service		58,951.14	2,046.81	1,789.10
Surgical Operating Suite		3,900.72		126.95
Central Supply and Trans- portation		6,091.56	1,006.28	161.80
Medical House Staff			169.93	
Medical Records Library		4,010.28	292.59	.30
Social Service		2,240.42	85.57	49.20
Allergy Clinic		118.86	1,029.96	
Artificial Kidney			42.00	
Autopsy Service		404.22	12.15	
Blood Bank		405.70		199.25
Clinical Laboratory				390.00
Clinical Study Center			147.40	
Cyto-Pathology Laboratory		657.17		
Dental Clinic		13.65	1,827.18	
Electroencephalography Service		299.63		
Emergency Room - Medical Director			799.04	417.35
Gastroenterology Endoscopy			1,191.05	
Hearing and Speech Clinic		151.64	1,742.07	
Heart Station		2,002.36		
Histology Laboratory		906.74		
Moody State School		4,156.42	102.98	102.50
Pediatric Infectious Disease Laboratory			226.77	
Pharmacy		516.59	9,591.97	19.95
Pulmonary Therapy Service		2,575.01	387.88	
Radiology Service		6,286.45		
Rehabilitation Clinic - Physical Therapy		3,639.70		1.60
Rehabilitation Clinic - Occupational Therapy		11,248.39	1,360.48	3.55
School Service for Pediatric and Psychiatric Patients		269.22		88.00
Surgical Pathology Laboratory			27.75	
Housekeeping		2,050.69		171.35
Dietary Service			100,482.21	

RECOMMENDED AMENDMENTS TO 1970-71 BUDGET - continuedTransfer of Funds - continued

<u>Source of Funds:</u>	<u>Teaching Salaries</u>	<u>Other Salaries</u>	<u>M & O Equipment</u>	<u>Travel</u>
Laundry	\$	\$ 3,308.89	\$ 14,035.21	\$
Hospital Equipment Fund			10,379.97	
Chronic Home Dialysis Program		5,162.98	2,732.08	13.50
Renal Transplant Center		4,569.98	1,505.39	4.10
Animal Care Center			6.00	24.67
Educational Television		1,173.56	50.83	464.20
Medical Electronics Service		57.00	3.44	
Educational and Research Services		51.45	252.39	115.85
Publications			454.84	406.00
Marine Biomedical Institute		487.92	1,221.86	139.46
Post- Graduate Education		1,130.20	6,347.03	2,400.00
Medical Branch Library				98.45
Physical Plant - General Service		3,145.25		
Security Division		1,004.01	1,740.18	555.48
Physical Plant - Building Maintenance		2,408.67	3,250.76	
Physical Plant - Ground Maintenance			224.59	
Physical Plant - Utilities		4,823.99	190,860.19	
Merit Scholarship			450.00	
	<u>\$10,916.50</u>	<u>\$205,238.52</u>	<u>\$469,467.72</u>	<u>\$17,438.87</u>
<u>Application of Funds:</u>				
Office of the President	\$	\$	\$	\$ 1,579.31
Director of Fiscal Services				6.59
Service Computation Center		982.48		
General Stores			3,953.44	
Staff Benefits			45,367.19	
Miscellaneous General Expense			4,134.14	
Development Office				32.43
Anatomy				236.11
Biochemistry and Nutrition			368.49	
Human Genetics			1,510.21	
Ophthalmology			275.91	
Pathology			1,604.11	
Pediatrics			511.47	
Pharmacology	875.00		708.31	
Unit Management			15,537.43	
Surgical Operating Suite			20,384.51	
Medical House Staff		2,365.19		
Anesthesia Service		3,755.75	1.02	
Blood Bank			8,777.22	
Clinical Laboratory		2,100.53	37,343.38	
Cyto-Pathology Laboratory			3,601.65	
Heart Station			1,591.40	
Histology Laboratory			277.53	
Nuclear Medicine Service			4,840.54	
Radiology Service			3,292.64	
Housekeeping			2,894.29	
Medical Branch Library			3,110.84	
Physical Plant - General Service			1,140.17	
	<u>\$ 875.00</u>	<u>\$ 9,203.95</u>	<u>\$161,225.89</u>	<u>\$ 1,854.44</u>

(RBC 585)

RECOMMENDED AMENDMENTS TO 1971-72 BUDGETInstruction and Departmental Operations
Office of the Vice-President for Academic
Affairs and Dean of Medicine

1. Increase the salary rate of Dr. Joseph M. White, Vice-President for Academic Affairs and Dean of Medicine, from \$48,500 (\$36,000 from General Budget and \$12,500 from Various Purposes Grant) to \$50,000 for 12 months (\$37,500 from General Budget and \$12,500 from DHEW Grant No. 5 E03-PE-00170-06), effective December 1, 1971. Additional General Budget funds needed are to come from the departmental non-teaching salaries budget. (RBC 226)
2. Appoint Reverend William G. Jarrell as Adjunct Instructor - Religion in Medicine, part-time, at a salary of \$6,000 for 12 months, effective October 1, 1971. Funds needed are to come from DHEW Grant No. 5 E03-PE-00170-06. (RBC 156)
3. Increase the salary of Dr. Edward N. Brandt, Jr., Dean, Graduate School, from \$36,000 (\$31,000 from General Budget and \$5,000 from DHEW Grant) to \$37,500 for 12 months (\$31,000 from General Budget and \$6,500 from DHEW Grant No. 5 E03-PE-00170-06), effective December 1, 1971. Dr. Brandt also serves as Professor, part-time, without salary, in the Department of Preventive Medicine and Community Health. (RBC 211)

Interdisciplinary Laboratory

4. Appoint Mr. John A. Reinhart as Assistant Laboratory Supervisor, one-half time, at a salary rate of \$8,400 for 12 months, effective September 1, 1971. Funds needed are to come from DHEW Grant 5 E03-PE-00170-06. (RBC 154)
5. Reappoint Dr. Daniel L. Traber as Director, Interdisciplinary Laboratory, part-time, without salary, effective September 1, 1971. Dr. Traber also serves as Associate Professor, part-time, at a salary of \$10,600 for 12 months in the Department of Anesthesiology and at a salary of \$9,200 for 12 months in the Department of Physiology. Total salary for 12 months, \$19,800. (RBC 161)
6. Appoint Mr. Lee C. Woodson as Assistant Laboratory Supervisor, one-half time, at a salary rate of \$8,400 for 12 months, effective September 1, 1971. Funds needed are to come from DHEW Grant 5 D08-ME-00131-02. (RBC 181)
7. Appoint Dr. Gordon L. Johnson as Assistant Director, Interdisciplinary Laboratory, part-time, at a salary of \$1,000 for 12 months, effective December 1, 1971. Funds needed are to come from DHEW Grant No. 5E03-PE-00170-06. Dr. Johnson also serves as Assistant Professor, part-time, at a salary of \$14,000 for 12 months in the Department of Pharmacology. Total salary for 12 months, \$15,000. (RBC 252)

Anesthesiology

8. Increase the salary rate of Miss Rachel E. Hartin, Assistant to the Chairman, from \$15,750 for 12 months (\$7,875 from General Budget and \$7,875 from MSRDP - Anesthesiology) to \$16,000 for 12 months (\$7,875 from General Budget and \$8,125 from MSRDP - Anesthesiology), effective December 1, 1971. (RBC 212)
9. Increase the salary rate of Dr. Joe A. Walker, Associate Professor, from \$23,000 to \$24,500 for 12 months (\$23,000 from General Budget and \$1,500 from DHEW Grant 5 E03-PE-00170-06), effective December 1, 1971. (RBC 213)

RECOMMENDED AMENDMENTS TO 1971-72 BUDGET - continuedAnesthesiology (continued)

10. Increase the salary rate of Dr. Roy D. Wilson, Professor, from \$23,000 (\$11,500 from General Budget and \$11,500 from Professional Fees - Anesthesiology) to \$24,000 for 12 months (\$11,500 from General Budget, \$11,500 from Professional Fees - Anesthesiology, and \$1,000 from DHEW Grant No. 5 E03-PE-00170-06), effective December 1, 1971. (RBC 262)

11. Appoint Dr. James F. O'Donnell as Instructor at a salary rate of \$18,500 for 12 months (\$15,000 from General Budget and \$3,500 from MSRDP - Anesthesiology), effective December 1, 1971. General Budget funds needed are to come from Unallocated Appropriations - Instructional. (RBC 277)

Biochemistry and Nutrition

12. Increase the salary rate of Dr. Gordon C. Mills, Professor, from \$20,500 to \$21,500 for 12 months, effective December 1, 1971. Additional funds needed are to come from DHEW Grant No. 5 D08-ME-00131-02. Dr. Mills also serves as Research Associate Professor - Biochemistry, part-time, without salary, in the Department of Internal Medicine. (RBC 214)

13. Increase the salary rate of Dr. Leland L. Smith, Professor, from \$20,500 to \$21,500 for 12 months (\$20,500 from General Budget and \$1,000 from DHEW Grant No. 5 E03-PE-00170-06), effective December 1, 1971. (RBC 215)

Dermatology

14. Increase the salary rate of Dr. Orville J. Stone, Associate Professor, from \$28,600 (\$25,000 from General Budget and \$3,600 from Dow Chemical Company Grant) to \$29,100 for 12 months (\$25,000 from General Budget, \$3,600 from MSRDP - Dermatology, and \$500 from DHEW Grant No. 5E03-PE-00170-06), effective December 1, 1971. (RBC 216)

Human Genetics

15. Appoint Mr. Curtis W. Lambert as Assistant to the Chairman at a salary rate of \$14,500 for 12 months, effective November 1, 1971. Funds needed are to come from DHEW Grant No. 5 E03-PE-00170-06. (RBC 186)

Internal Medicine

16. Appoint Dr. Francis X. Essex as Clinical Instructor, part-time, without salary, effective September 1, 1971. (RBC 188)

17. Accept the resignation of Dr. Robert W. Ewer, Associate Professor, at a salary rate of \$29,000 for 12 months, effective October 31, 1971. (RBC 201)

18. Increase the salary rate of Mr. John S. Stephens, Assistant to the Chairman, from \$15,230 (\$7,365 from General Budget and \$7,865 from MSRDP - Internal Medicine) to \$15,865 for 12 months (\$7,365 from General Budget and \$8,500 from MSRDP - Internal Medicine), effective December 1, 1971. (RBC 217)

19. Increase the salary of Dr. Gerald A. Beathard, Assistant Professor, part-time, from \$10,000 to \$11,000 for 12 months (\$10,000 from General Budget and \$1,000 from DHEW Grant No. 5 E03-PE-00170-06), effective December 1, 1971. Dr. Beathard also serves as Assistant Professor, part-time, at a salary of \$10,000 in the Department of Pathology. Total salary for 12 months, \$21,000. (RBC 261)

20. Appoint Dr. Edward E. Louis as Clinical Instructor, part-time, without salary, effective September 1, 1971. (RBC 278)

RECOMMENDED AMENDMENTS TO 1971-72 BUDGET - continuedInstruction and Departmental Operations (cont'd.)Neurology and Psychiatry

21. Increase the salary rate of Dr. Daniel L. Creson, Assistant Professor, from \$21,000 to \$21,500 for 12 months, effective December 1, 1971. Additional funds needed are to come from DHEW Grant No. 5 D08-ME-00131-02. Dr. Creson also serves as Assistant Professor, part-time, without salary, in the Department of Preventive Medicine and Community Health. (RBC 218)

22. Increase the salary rate of Dr. David A. Lacerda, Assistant Professor, from \$14,000 to \$14,700 for 12 months (\$14,000 from General Budget and \$700.00 from DHEW Grant 5E03-PE-00170-06), effective December 1, 1971. (RBC 227)

23. Increase the salary rate of Dr. Lawrence G. Hornsby, Associate Professor and Chief, from \$22,000 to \$23,000 for 12 months (\$22,000 from General Budget and \$1,000 from DHEW Grant No. 5E03-PE-00170-06), effective December 1, 1971. (RBC 228)

24. Reappoint Dr. David C. Eiland, Jr., Assistant Professor, part-time, at the same salary of \$11,000 for 12 months, effective September 1, 1971. Additional funds needed are to come from the departmental teaching salaries budget. (He is shown in the approved budget at a salary of \$10,000.) Dr. Eiland also serves as Assistant Professor, part-time, at a salary of \$11,000 in the Department of Preventive Medicine and Community Health. Total salary for 12 months, \$22,000. (RBC 263)

25. Reappoint Dr. Billy S. Caldwell, Jr., as Assistant Professor, part-time, without salary, effective September 1, 1971. Dr. Caldwell also serves as Assistant Professor at a salary of \$24,500 for 12 months in the Department of Pediatrics. (RBC 274)

Obstetrics and Gynecology

26. Increase the salary rate of Dr. Sidney A. Smith, Assistant Professor, from \$25,000 (\$20,000 from General Budget and \$5,000 from DHEW Project Grant) to \$26,000 for 12 months (\$20,000 from General Budget and \$6,000 from DHEW Project Grant No. 06-H-000-084-02), effective December 1, 1971. (RBC 219)

27. Increase the salary rate of Dr. Leslie C. Powell, Jr., Professor, from \$26,500 to \$28,000 for 12 months (\$26,500 from General Budget and \$1,500 from State Department of Health Interagency Cooperation Contract No. IAC (70-71)-566), effective December 1, 1971. (RBC 229)

28. Increase the salary rate of Mr. Peter M. Moore, Assistant to the Chairman, from \$14,500 (\$7,000 from General Budget and \$7,500 from MSRDP - Obstetrics and Gynecology) to \$15,000 for 12 months (\$7,000 from General Budget, \$7,000 from MSRDP - Obstetrics and Gynecology, and \$1,000 from Newton County Nutritional Survey Grant), effective December 1, 1971. (RBC 230)

29. Increase the salary rate of Dr. William J. McGanity, Professor and Chairman, from \$38,000 (\$33,000 from General Budget and \$5,000 from DHEW Project Grant) to \$39,000 for 12 months (\$33,000 from General Budget and \$6,000 from DHEW Grant No. CC-D-000021-0-01), effective December 1, 1971. (RBC 231)

Ophthalmology

30. Increase the salary rate of Dr. Gerald R. Christensen, Assistant Professor, from \$19,000 to \$20,500 for 12 months (\$19,000 from General Budget and \$1,500 from MSRDP - Ophthalmology), effective December 1, 1971. (RBC 220)

RECOMMENDED AMENDMENTS TO 1971-72 BUDGET - continuedInstruction and Departmental Operations (cont'd.)Otolaryngology

31. Accept the resignation of Mr. Glen L. Tinsley, Jr., Instructor - Speech Pathologist, part-time, without salary, effective September 7, 1971. (RBC 184)

Pathology

32. Appoint Dr. Stanley Graber as Clinical Assistant Professor, part-time, without salary, effective September 1, 1971. (RBC 187)

33. Increase the salary rate of Dr. Ninfa Cavazos, Assistant Professor, from \$16,000 to \$17,000 for 12 months (\$16,000 from General Budget, and \$1,000 from DHEW Grant No. 5 E03-PE-00170-06), effective December 31, 1971. (RBC 221)

34. Increase the salary rate of Dr. Elmer V. Dahl, Associate Professor, from \$18,000 to \$19,000 for 12 months (\$18,000 from General Budget and \$1,000 from DHEW Grant No. 5 E03-PE-00170-06), effective December 1, 1971. (RBC 232)

35. Increase the salary rate of Dr. John B. Fuller, Professor, from \$25,000 to \$25,500 for 12 months (\$25,000 from General Budget and \$500 from DHEW Grant No. 5 E03-PE-00170-06), effective December 1, 1971. (RBC 233)

36. Increase the salary of Dr. John J. Spikes, Instructor, part-time, from \$1,584 to \$2,256 for 12 months, effective December 1, 1971. Additional funds needed are to come from MSRDP - Pathology. Dr. Spikes also serves as Clinical Toxicologist, part-time, at a salary of \$13,080 for 12 months in Clinical Laboratory, and at a salary of \$4,164 for 12 months in Clinical Laboratory - The Sealy & Smith Foundation Hospitals. Total salary for 12 months, \$19,500. (RBC 259)

37. Accept the resignation of Dr. Craig L. Fischer, Clinical Assistant Professor, part-time, at a salary of \$7,000 for 12 months, effective November 15, 1971. (RBC 275)

Pediatrics

38. Appoint Miss Iris C. Welch as Associate Project Director - Physical Therapy at a salary of \$11,400 for 12 months, effective November 1, 1971. Funds needed are to come from the Children and Youth Project No. 648. (RBC 204)

39. Increase the salary rate of Dr. Robert J. Ginn, Assistant Professor, from \$17,000 to \$18,000 for 12 months, effective December 1, 1971. Additional funds needed are to come from DHEW Children and Youth Project No. 648. (RBC 222)

40. Increase the salary rate of Dr. Lillian L. Lockhart, Assistant Professor, from \$24,500 (\$11,500 from Various Purposes Grant, \$11,500 from DHEW Research Grant, and \$1,500 from National Foundation Birth Defects Center Grant) to \$26,000 for 12 months (\$13,000 from DHEW CB Special Project Grant No. 409-09; \$1,500 from National Foundation Birth Defects Center Grant, and \$11,500 from DHEW Grant No. 5 E03-PE-00170-06), effective December 1, 1971. Dr. Lockhart also serves as Assistant Professor, part-time, without salary, in the Department of Human Genetics. (RBC 234)

41. Increase the salary rate of Dr. Myron M. Nichols, Associate Professor, from \$28,000 (\$14,000 from General Budget and \$14,000 from DHEW Project Grant) to \$28,750 for 12 months (\$14,000 from General Budget and \$14,750 from DHEW Children and Youth Project No. 648), effective December 1, 1971. (RBC 235)

RECOMMENDED AMENDMENTS TO 1971-72 BUDGET - continuedPediatrics (continued)

42. Increase the salary rate of Dr. Ruth E. Dillard, Assistant Professor, from \$16,500 to \$18,000 for 12 months, effective December 1, 1971. Additional funds needed are to come from DHEW Children and Youth Project No. 648. (RBC 236)

43. Increase the salary rate of Dr. Bobbye M. Rouse, Assistant Professor, from \$22,500 (\$12,000 from General Budget and \$10,500 from DHEW Research Grant) to \$24,000 for 12 months (\$12,000 from General Budget and \$12,000 from DHEW CB Special Project No. 409-09), effective December 1, 1971. (RBC 249)

44. Increase the salary rate of Dr. Billy S. Caldwell, Jr., Assistant Professor - Psychology, from \$23,000 to \$24,500 for 12 months, effective December 1, 1971. Additional funds needed are to come from DHEW CB Project No. 240-07. Dr. Caldwell also serves as Assistant Professor - Psychology, part-time, without salary, in the Department of Neurology and Psychiatry. (RBC 273)

Pharmacology

45. Increase the salary of Dr. Betty J. Williams, Assistant Professor, from \$13,000 to \$13,500 for 12 months (\$13,000 from General Budget and \$500.00 from DHEW Grant No. 5 E03-PE-00170-06), effective December 1, 1971. (RBC 223)

46. Increase the salary rate of Dr. James H. Pirch, Assistant Professor, from \$15,500 to \$16,000 for 12 months (\$15,500 from General Budget and \$500.00 from DHEW Grant No. 5E03-PE-00170-06), effective December 1, 1971. (RBC 238)

47. Increase the salary rate of Dr. Rene R. Kempen, Assistant Professor, from \$13,500 to \$14,000 for 12 months (\$13,500 from General Budget and \$500 from DHEW Grant No. 5 E03-PE-00170-06), effective December 1, 1971. (RBC 239)

48. Change the status of Dr. Grodon L. Johnson, Assistant Professor, from full-time to part-time at the same salary of \$14,000 for 12 months, effective December 1, 1971. Dr. Johnson also serves as Assistant Director, Interdisciplinary Laboratory, part-time, at a salary of \$1,000 for 12 months in the Interdisciplinary Laboratory. Total salary for 12 months, \$15,000. (RBC 253)

Physiology

49. Change the status of Dr. Paul L. Donoho, Research Professor - Without Tenure, part-time, from without salary to a salary of \$6,000 for 12 months, effective October 1, 1971. Funds needed are to come from DHEW Grant No. 5P01-HE-10893-06. (RBC 183)

50. Increase the salary rate of Dr. Luddo B. Nanninga, Research Associate Professor, from \$18,000 (\$6,176 from General Budget and \$11,824 from DHEW Research Grant) to \$18,591 for 12 months (\$6,176 from General Budget and \$12,415 from DHEW Grant No. 5 P01-HE-10893-06), effective December 1, 1971.

(RBC 224)

51. Increase the salary rate of Mrs. Octavia Hall, Research Associate Professor, from \$15,246 to \$16,008 for 12 months, effective December 1, 1971. Additional funds needed are to come from DHEW Grant No. 5 R01-HE-09911-06. (RBC 241)

RECOMMENDED AMENDMENTS TO 1971-72 BUDGET - continuedPhysiology (cont'd.)

52. Increase the salary of Dr. Francisco J. Muniz, Assistant Professor, part-time, from \$17,641 to \$18,523 for 12 months, effective December 1, 1971. Additional funds needed are to come from DHEW Grant No. 5 P01-HE-10893-06. Dr. Muniz also serves as Assistant Professor, part-time, at a salary of \$2,359 in the Department of Internal Medicine. Total salary for 12 months, \$20,882. (RBC 240)

53. Increase the salary rate of Mr. Ted P. Bond, Research Assistant Professor, from \$16,987 to \$17,716 for 12 months, effective December 1, 1971. Additional funds needed are to come from DHEW Grant No. 5 P01-HE-10893-06. Mr. Bond also serves as Adjunct Member, part-time, without salary, in The Marine Biomedical Institute. (RBC 250)

Preventive Medicine and Community Health

54. Appoint Dr. Daniel L. Creson as Assistant Professor, part-time, without salary, effective October 1, 1971. Dr. Creson also serves as Assistant Professor at a salary rate of \$21,000 for 12 months in the Department of Neurology and Psychiatry. (RBC 152)

55. Appoint Dr. Harry K. Davis as Clinical Associate Professor, part-time, without salary, effective October 1, 1971. Dr. Davis also serves as Clinical Associate Professor, part-time, at a salary of \$3,000 for 12 months in the Department of Neurology and Psychiatry. (RBC 166)

56. Reappoint Dr. David C. Eiland, Jr., Assistant Professor, part-time, at the same salary of \$11,000 for 12 months, effective September 1, 1971. Additional funds needed are to come from DHEW Grant No. 3 D08-ME-00131-02SL. (He is in the approved budget at a salary of \$10,000). Dr. Eiland also serves as Assistant Professor, part-time, at a salary of \$11,000 for 12 months in the Department of Neurology and Psychiatry. Total Salary for 12 months, \$22,000. (RBC 276)

Radiology

57. Appoint Dr. Andrew D. Suttle, Jr., as Professor - without Tenure, part-time, without salary, effective September 1, 1971. Dr. Suttle also serves as Assistant to the Director for Physical Sciences at a salary rate of \$35,000 for 12 months in The Marine Biomedical Institute. (RBC 158)

58. Increase the salary of Dr. McClure Wilson, Professor, from \$27,000 to \$28,000 for 12 months, effective December 1, 1971. Additional funds needed are to come from the departmental teaching salaries budget. (RBC 242)

59. Increase the salary of Mr. Roberto De La Garza, Technical Director, X-Ray Technology, part-time, from \$5,150 to \$5,600 for 12 months, effective December 1, 1971. Additional funds needed are to come from the departmental non-teaching salaries budget. Mr. De La Garza also serves as Technical Director, part-time, at a salary of \$7,000 for 12 months in Radiology Service and at a salary of \$1,400 for 12 months in Radiology Service - Sealy & Smith Foundation Hospitals. Total salary for 12 months, \$14,000. (RBC 251)

Surgery

60. Delete the name of Dr. Charles E. McCorkle, Jr., Clinical Instructor, part-time, without salary. Dr. McCorkle did not accept his 1971-72 reappointment. (RBC 177)

61. Delete the name of Dr. Biagio J. Cosentino, Clinical Assistant Professor, part-time, without salary. Dr. Biagio did not accept his 1971-72 reappointment. (RBC 178)

RECOMMENDED AMENDMENTS TO 1971-72 BUDGET - continuedSurgery (cont'd.)

62. Increase the salary rate of Dr. Martin C. Wilber, Assistant Professor, from \$23,500 to \$25,000 for 12 months (\$23,500 from General Budget and \$1,500 from DHEW Grant No. 5 E03-PE-00170-06), effective December 1, 1971. (RBC 225)
63. Increase the salary rate of Dr. Charles P. McGraw, Instructor, from \$15,200 to \$16,000 for 12 months (\$15,200 from General Budget and \$800 from DHEW Grant No. 5 P01-NS-07377-04), effective December 1, 1971. (RBC 243)
64. Delete the name of Dr. Roy A. Stout, Associate Professor - Modified Service, part-time, at a salary of \$6,000 for 12 months, effective November 23, 1971, the date of his death. (RBC 280)
65. Appoint Dr. John C. Evans as Research Surgeon, part-time, at a salary of \$8,000 for 12 months, effective December 1, 1971. Funds needed are to come from DHEW Grant No. 1 R01-AM-15241-01. (RBC 287)

School of Allied Health SciencesOffice of the Dean

66. Appoint Dr. Warren F. Dodge as Associate Professor and Chairman, part-time, without salary, effective October 1, 1971. Dr. Dodge also serves as Associate Professor, part-time, at a salary of \$27,200 for 12 months in the Department of Pediatrics and at a salary of \$4,800 in the Department of Preventive Medicine and Community Health. Total salary for 12 months, \$32,000. (RBC 176)

School of Allied Health Sciences -Medical Technology

67. Appoint Dr. John J. Spikes as Adjunct Instructor, part-time, without salary, effective September 1, 1971. Dr. Spikes also serves as Instructor, part-time, at a salary of \$1,584 for 12 months in the Department of Pathology, and as Clinical Toxicologist, part-time, at a salary of \$12,456 for 12 months in Clinical Laboratory, and at a salary of \$3,960 in Clinical Laboratory - Sealy & Smith Foundation Hospitals. Total salary for 12 months, \$18,000. (RBC 190)
68. Appoint Dr. Richard B. Passey as Adjunct Instructor, part-time, without salary, effective September 1, 1971. Dr. Passey also serves as Instructor, part-time, at a salary of \$1,576 for 12 months in the Department of Pathology, and as Clinical Chemist, part-time, at a salary of \$12,108 for 12 months in Clinical Laboratory and at a salary of \$3,816 in Clinical Laboratory - Sealy & Smith Foundation Hospitals. Total salary for 12 months, \$17,500. (RBC 191)

School of Allied Health Sciences -Occupational Therapy

69. Appoint Dr. Robert L. Remig as Instructor, part-time, at a salary of \$2,505 for 12 months, effective October 1, 1971. Funds needed are to come from the departmental teaching salaries budget. (RBC 172)
70. Appoint Miss Eleanor K. Barnes as Adjunct Instructor, part-time, without salary, effective September 1, 1971. (RBC 192)
71. Appoint Miss Esther B. Bell as Adjunct Instructor, part-time, without salary, effective September 1, 1971. (RBC 193)
72. Appoint Mr. Eber L. Burgess as Adjunct Instructor, part-time, without salary, effective September 1, 1971. (RBC 197)

RECOMMENDED AMENDMENTS TO 1971-72 BUDGET - continuedSchool of Allied Health Sciences -
Occupational Therapy

73. Appoint Mrs. Virginia L. Chandler as Adjunct Instructor, part-time, without salary, effective September 1, 1971. (RBC 198)
74. Appoint Mrs. Jacqueline R. Harrison as Adjunct Instructor, part-time, without salary, effective September 1, 1971. (RBC 206)
75. Reappoint and change the title of Mrs. Patricia A. Ramm, from Assistant Instructor, part-time, without salary, to Adjunct Instructor, part-time, without salary, effective September 1, 1971. (RBC 207)
76. Appoint Mrs. Virginia E. Gulde as Adjunct Instructor, part-time, without salary, effective September 1, 1971. (RBC 264)
77. Appoint Miss Celestine Hamant as Adjunct Instructor, part-time, without salary, effective September 1, 1971. (RBC 265)
78. Appoint Miss Margaret H. Keeney as Adjunct Instructor, part-time, without salary, effective September 1, 1971. (RBC 266)
79. Appoint Mrs. Mary B. Murphy as Adjunct Instructor, part-time, without salary, effective September 1, 1971. (RBC 267)

School of Allied Health Sciences -
Physical Therapy

80. Appoint Miss Eileen E. Petrus as Adjunct Instructor, part-time, without salary, effective September 1, 1971. (RBC 189)
81. Appoint Mrs. Maxine A. Arenas as Adjunct Instructor, part-time, without salary, effective September 1, 1971. (RBC 194)
82. Appoint Mrs. Olivia A. Blessing as Adjunct Instructor, part-time, without salary, effective September 1, 1971. (RBC 195)
83. Appoint Mr. Jesse A Coufal as Adjunct Instructor, part-time, without salary, effective September 1, 1971. (RBC 199)
84. Appoint Mrs. Nancy J. Dragotta as Adjunct Instructor, part-time, without salary, effective September 1, 1971. (RBC 200)
85. Appoint Miss Paulette A. Murrell as Adjunct Instructor, part-time, without salary, effective September 1, 1971. (RBC 208)
86. Appoint Mrs. Gail A. Gerig as Adjunct Instructor, part-time, without salary, effective September 1, 1971. (RBC 209)
87. Appoint Mrs. Susan Dodd as Adjunct Instructor, part-time, without salary, effective September 1, 1971. (RBC 268)
88. Appoint Miss Shirley L. Hill as Adjunct Instructor, part-time, without salary, effective September 1, 1971. (RBC 269)
89. Appoint Miss Miriam J. Partridge as Adjunct Instructor, part-time without salary, effective September 1, 1971. (RBC 270)
90. Appoint Mr. Herbert J. Sauer, Jr., as Adjunct Instructor, part-time, without salary, effective September 1, 1971. (RBC 271)
91. Appoint Miss Jeanette Winfree as Adjunct Instructor, part-time, without salary, effective September 1, 1971. (RBC 272)

RECOMMENDED AMENDMENTS TO 1971-72 BUDGET - continuedUniversity HospitalsNursing Service - Administration

92. Change the Status of Miss Anna P. Rains, Area Clinical Nursing Director, from full-time to one-half time at the same salary rate of \$10,920 for 12 months, effective October 4, 1971. (RBC 179)

Clinical Laboratory

93. Increase the salary of Dr. John J. Spikes, Clinical Toxicologist, part-time, from \$12,108 to \$13,080 for 12 months, effective December 1, 1971. Additional funds needed are to come from the departmental non-teaching salaries budget. Dr. Spikes also serves as Instructor, part-time, at a salary of \$2,256 in the Department of Pathology and as Clinical Toxicologist, part-time, at a salary of \$4,164 for 12 months in Clinical Laboratory - Sealy & Smith Foundation Hospitals. Total salary for 12 months, \$19,500. (RBC 258)

Hearing and Speech Clinic

94. Accept the resignation of Mr. Glen L. Tinsley, Jr., Speech Pathologist, at a salary rate of \$12,500 for 12 months, effective September 7, 1971. (RBC 185)

Moody State School

95. Increase the salary rate of Mrs. Mary H. Toombs, School Teacher, from \$10,544 (as shown in the approved budget) to \$10,684 for 12 months, effective November 14, 1971. Additional funds needed are to come from the departmental non-teaching salaries budget. (RBC 202)

96. Increase the salary of Miss Jane T. Stevens, Supervising Teacher - Special Education, from \$12,350 (as shown in the approved budget) to \$12,561 for 12 months, effective November 14, 1971. Additional funds needed are to come from the departmental non-teaching salaries budget. (RBC 203)

97. Increase the salary rate of Miss Joanna During, School Teacher, from \$10,126 (as shown in the approved budget) to \$10,244 for 12 months, effective November 14, 1971. Additional funds needed are to come from the departmental non-teaching salaries budget. (RBC 205)

98. Increase the salary rate of Dr. Douglas M. Daniels, Medical Director, part-time, from \$10,750 to \$12,250 for 12 months, effective December 1, 1971. Additional funds needed are to come from the departmental non-teaching salaries budget. Dr. Daniels also serves as Assistant Professor, part-time, at a salary of \$12,250 for 12 months in the Department of Pediatrics. Total salary for 12 months, \$24,500. (RBC 247)

School Service for Pediatric and Psychiatric Patients

99. Increase the salary rate of Miss Karen L. Burgess, School Teacher, from \$10,156 to \$10,276 for 12 months, effective December 1, 1971. Additional funds needed are to come from the departmental non-teaching salaries budget. (RBC 284)

The Marine Biomedical Institute

100. Appoint Dr. Andrew D. Suttle, Jr., as Assistant to the Director for Physical Sciences at a salary rate of \$35,000 for 12 months, effective October 1, 1971. Funds needed are to come from DHEW Grant No. IS01-FR-05427-10. Dr. Suttle also serves as Professor - without tenure, part-time, without salary, in the Department of Radiology. (RBC 157)

RECOMMENDED AMENDMENTS TO 1971-72 BUDGET - continuedThe Marine Biomedical Institute (cont'd.)

101. Appoint Dr. Horace G. Love, Jr., as Adjunct Member, part-time, without salary, effective October 1, 1971. Dr. Love also serves as Associate Professor, part-time, at a salary of \$14,000 in the Department of Surgery and as Medical Director - Emergency Room, part-time, at a salary of \$14,000 for 12 months. Total salary for 12 months, \$28,000. (RBC 180)

102. Increase the salary rate of Dr. Robert Feinstein, Biomedical Engineer, from \$16,000 to \$16,500 for 12 months, effective December 1, 1971. Additional funds needed are to come from the departmental non-teaching salaries budget. (RBC 244)

Medical Branch Library

103. Change the status of Mrs. Cynthia J. Robinson from Rare Book Librarian - Instructor at a salary rate of \$8,946 for 12 months to Assistant Librarian at a salary rate of \$9,500 for 12 months, effective December 1, 1971. Additional funds needed are to come from the departmental non-teaching salaries budget. (RBC 245)

104. Increase the salary rate of Mr. Frederick Abrams, II, Assistant Librarian - Instructor, from \$10,350 to \$12,150 for 12 months (\$9,680 from General Budget and \$2,470 from Regional Medical Program Grant No. 5 G03-RM-00007-04 (1018), effective December 1, 1971. (RBC 246)

105. Increase the salary rate of Mr. James E. Morgan, Assistant Librarian - Instructor, from \$11,500 to \$13,000 for 12 months, effective December 1, 1971. Additional funds needed are to come from the departmental non-teaching salaries budget. (RBC 248)

106. Increase the salary rate of Miss Kathryn S. Johnson, Assistant Librarian, from \$9,324 to \$10,000 for 12 months, effective December 1, 1971. Additional funds needed are to come from the departmental non-teaching salaries budget. (RBC 254)

107. Increase the salary rate of Mr. Bobby R. Carter, Assistant Librarian - Instructor, from \$10,000 to \$11,750 for 12 months, effective December 1, 1971. Additional funds needed are to come from the departmental non-teaching salaries budget. (RBC 255)

The Sealy & Smith Foundation HospitalsClinical Laboratory

108. Increase the salary rate of Dr. John J. Spikes, Clinical Toxicologist, part-time, from \$3,960 to \$4,164 for 12 months, effective December 1, 1971. Additional funds needed are to come from the departmental non-teaching salaries budget. Dr. Spikes also serves as Instructor, part-time, at a salary of \$2,256 in the Department of Pathology and as Clinical Toxicologist, part-time, at a salary of \$13,080 in the University Hospitals. Total salary for 12 months, \$19,500. (RBC SS 3)

RECOMMENDED AMENDMENTS TO 1971-72 BUDGET - continuedTransfer of Funds

109. From: Unexpended Plant Funds - Project Allocation \$115,500.00

To: Various Projects as follows:

- | | | |
|--|--------------|--|
| 1. Interdisciplinary Laboratory - Casework
To provide special student laboratory casework in instruction for Microbiology in the new Basic Sciences Building. | \$20,000 | |
| 2. Nuclear Medicine Remodeling
For the move of this division from the Rebecca Sealy Building to the new Clinical Sciences Building and provide additional patient care activities in conjunction with the Department of Radiology. | \$10,000 | |
| 3. Relocate the Departments of Microbiology and Pharmacology during the renovation of the Gail Borden Building. | \$23,500 | |
| 4. Remodel Hendrix Building - Minor remodeling will be required of this building when some existing departments move to the new Clinical Sciences Building. | \$12,000 | |
| 5. General Stores Warehouse - Moveable Fixtures
A survey has been conducted to determine the required moveable fixtures for this facility to provide a modern and efficient distribution system. Such items as metal shelving, fork lift and pallet storage frames are needed to complete this project. | \$50,000 | |
| | \$115,500.00 | |

(RBC 237)

110. From: Unallocated Appropriations - Hospitals \$ 15,624.00

To: Nuclear Medicine Service - Classified Salaries \$ 15,624.00

For: For the creation of three (3) new positions, effective September 1, 1971, as follows:

One (1) Nuclear Medicine Technologist II at a salary rate of \$8,520 for 12 months.

One (1) Clerk-Typist I at a salary rate of \$4,392 for 12 months.

One (1) Nuclear Medicine Technologist I (two-fifths time) at a salary rate of \$6,780 for 12 months.

(RBC 171)

RECOMMENDED AMENDMENTS TO 1971-72 BUDGET - continuedTransfer of Funds (cont'd.)

111. From: Unallocated Appropriations - Hospitals \$ 3,336.66

To: Nuclear Medicine Service - Classified Salaries \$ 3,336.66

For: Funds needed for the creation of a new position of Hospital Aide I at a salary rate of \$4,200 for 12 months, effective November 15, 1971.

(RBC 210)

112. From: Unallocated Appropriations - Hospitals \$ 2,196.00

To: Pediatric Infectious Disease Laboratory -
Classified Salaries \$ 2,196.00

For: Funds needed for the change in the position of Laboratory Technical Assistant I from one-half time to full-time at the same salary rate of \$4,392 for 12 months, effective September 1, 1971.

(RBC 149)

113. From: Unallocated Appropriations - Hospitals \$ 4,584.00

To: School Service for Pediatric and Psychiatric
Patients - Classified Salaries \$ 4,584.00

For: Funds needed for the creation of a new position of Clerk-Typist II at a salary rate of \$4,584 for 12 months, effective September 1, 1971.

(RBC 182)

114. From: The Marine Biomedical Institute - Texas Tektite
Project:

Non-Teaching Salaries	\$46,500.00	
Classified Salaries	2,400.00	
Equipment	<u>8,080.00</u>	\$ <u>56,980.00</u>

To: The Marine Biomedical Institute - Texas
Tektite Project - Maintenance & Operation \$ 56,980.00

For: Funds transferred from the Director's Office, since we have been unable to employ a director for the above project, to the Maintenance and Operation category are needed for consultant fees, travel, and other expenses for Dr. Hugh Bradner of Scripps Institute, now on sabbatical leave at Lamont Lab of Columbia University, who has agreed to help us develop the scientific program for the Flower Gardens Ocean Research Center (Texas Tektite Project).

(RBC 196)

RECOMMENDED AMENDMENTS TO 1971-72 BUDGET - continuedTransfer of Funds (cont'd.)

115. From:	Unallocated Appropriations - Hospitals	\$ <u>4,068.00</u>
To:	The Sealy & Smith Foundation Hospitals - Nuclear Medicine Service	\$ <u>4,068.00</u>
For:	Funds needed for the creation of a new position (three-fifths time) of a Nuclear Medicine Tech- nologist I at a salary rate of \$6,780 for 12 months, effective September 1, 1971.	

(RBC SS-1)

Sincerely yours,

T. G. Blocker, Jr.
T. G. Blocker, Jr., M.D.
President

THE UNIVERSITY OF TEXAS
MEDICAL SCHOOL
AT HOUSTON

1314

January 7, 1972

Dr. Charles A. LeMaistre
Chancellor
The University of Texas System
Austin, Texas 78712

Dear Dr. LeMaistre:

The following docket is submitted for your approval and presentation to the Board of Regents at the meeting in Austin on February 4, 1972. 10

CONTRACTS AND GRANTS (FEDERAL): The following grants have been negotiated by the Associate Dean for Business Affairs and have been signed by the Dean upon recommendation of the Grant Director, and approved by the Comptroller and the Chancellor. I recommend approval and ratification of signatures. 17

1. Grant No. 1 R01 MH21522-01, by which the Department of Health, Education, and Welfare provides \$36,100 for the period January 1, 1972 through December 31, 1972, for support of research entitled "Effects of Alcohol on Gastric Mucosa." This project is directed by Dr. Linda L. Shanbour, Associate Professor, Program of Physiology.
2. Grant No. GB-31578, by which the National Science Foundation provides \$32,000 for the period November 15, 1971 through November 14, 1972 for support of research entitled "Studies on the Structure, Function and Assembly of Protein Aggregates in the Tryptophan Pathway." This project is to be directed by Dr. John A. DeMoss, Professor, Program of Biochemistry and Molecular Biology.
3. Grant No. 7 R01 GM19511-01, by which the Department of Health, Education, and Welfare provides \$34,734, plus indirect costs, for the period October 1, 1971 through September 30, 1972, for support of research entitled "Studies in Control Mechanisms in Bacterial Physiology." This project is to be directed by Dr. John A. DeMoss, Professor, Program of Biochemistry and Molecular Biology.
4. Grant No. 5 R01 HD06316-02, by which the Department of Health, Education, and Welfare provides \$42,800, plus indirect costs, for the period November 1, 1971 through October 31, 1972, for support of research entitled "Gonado-Pituitary Axis in the Rat." This project is directed by Dr. Emil Steinberger, Professor and Director, Program of Reproductive Biology and Reproductive Endocrinology.
5. Modification to Grant No. 1 7 53 9012 22 1 Health Professions Student Loan, by which the Department of Health, Education, and Welfare provides an additional \$5,029 for the period July 1, 1971 through June 30, 1972, for loan awards to eligible students. This project is directed by Dr. Cheves McC. Smythe, Dean, Houston Medical School. This grant was previously docketed in the Board of Regents' Minutes, Meeting No. 693, September 8, 1971, Docket Item No. 1, Page HO-1.

GRANTS (NONGOVERNMENTAL): Approval is respectfully requested for the acceptance of the following grants.

4315
KX

<u>Donor and Address</u>	<u>Purpose and Condition</u>	<u>Amount</u>
1. * Hoechst Pharmaceutical Co. Route 202-206 North Somerville, New Jersey 08876	Grant-in-aid for support of research to be directed by Dr. Walter M. Kirkendall, Professor and Director, Program of Internal Medicine.	\$5,000
2. Wm. S. Merrill Company	Transfer of grant from the University of Iowa for support of research directed by Dr. Walter M. Kirkendall, Professor and Director, Program of Internal Medicine.	\$7,500
3. Geigy Pharmaceutical Corp.	Transfer of grant from the University of Iowa for support of research directed by Dr. Walter M. Kirkendall, Professor and Director, Program of Internal Medicine.	\$7,500

* No letter of transmittal received from donor.

RECOMMENDED AMENDMENTS TO THE 1971-72 BUDGET: The following amendments to the 1971-72 Budget are written on the basis of "budget rates" rather than the "freeze rates" resulting from the President's Executive Order. For the duration of the wage-price freeze, while reported amendments to the budget are based on budget rates, all payrolls are processed in compliance with the rules, regulations and guidelines issued under authority of the Executive Order.

GENERAL ADMINISTRATION

Office of the Director of Fiscal Services

1. Transfer of Funds: (RBC No. 34)

From: Unallocated Appropriations - General \$ 5,850.00

To: Office of the Director of Fiscal Services
Classified Salaries \$ 5,850.00

For: This transfer is requested to create a new position of Accounting Clerk III at a salary rate of \$7,800 for 12 months, effective December 1, 1971.

Office of the Director of General Services

2. Transfer of Funds: (RBC No. 32)

From: Unallocated Appropriations - General \$ 8,802.00

To: Office of the Director of General Services
Classified Salaries \$ 8,802.00

For: This transfer is requested to create the following new positions, effective December 1, 1971.

(1) Storekeeper at a salary rate of \$6,468 for 12 months.

(2) Stores Clerk II at a salary rate of \$5,268 for 12 months.

RECOMMENDED AMENDMENTS TO THE 1971-72 BUDGET - continuedGENERAL ADMINISTRATIONOffice of the Personnel Director

3. Transfer of Funds: (RBC No. 33)

From: Unallocated Appropriations - General \$12,510.00

To: Office of the Personnel Director
Classified Salaries \$12,510.00

For: This transfer is requested to create the following new positions, effective December 1, 1971.

(1) Personnel Assistant I at a salary rate of \$9,240 for 12 months.

(2) Personnel Interviewer at a salary rate of \$7,440 for 12 months.

GENERAL INSTITUTIONAL EXPENSECommunications

4. Transfer of Funds: (RBC No. 29)

From: Unallocated Appropriations - General \$ 5,085.00

To: Communications
Classified Salaries \$ 5,085.00

For: This transfer is requested to create a new position of Secretary III at a salary rate of \$6,780 for 12 months, effective December 1, 1971.

INSTRUCTION AND DEPARTMENTAL RESEARCH - ANALYTIC SCIENCESBiochemistry

5. Transfer of Funds: (RBC No. 35)

From: Biochemistry
Faculty Salaries \$51,500.00

To: Biochemistry
Equipment \$51,500.00

For: This transfer is requested for the purchase of scientific equipment for instructional purposes in the Program of Biochemistry.

Pharmacology

6. Appoint Dr. Gerald A. LePage as Professor of Pharmacology, without salary, effective December 1, 1971. Dr. LePage also serves as a Professor of Pharmacology in the Department of Developmental Therapeutics at M. D. Anderson Hospital. (RBC No. 22)

7. Appoint Dr. Ti Li Loo as Professor of Pharmacology, without salary, effective December 1, 1971. Dr. Loo also serves as a Professor of Pharmacology in the Department of Developmental Therapeutics at M. D. Anderson Hospital. (RBC No. 23)

8. Appoint Dr. Samuel J. Strada as Assistant Professor in the Program of Pharmacology at a salary rate of \$17,500 for 12 months, effective June 15, 1972. Funds needed are to come from departmental Faculty Salaries. (RBC No. 28)

RECOMMENDED AMENDMENTS TO THE 1971-72 BUDGET - continued

INSTRUCTION AND DEPARTMENTAL RESEARCH - CLINICAL SCIENCES
Internal Medicine

- 9. Appoint Dr. Walter M. Kirkendall as Professor and Director of the Program of Internal Medicine at a salary rate of \$35,000 for 12 months, effective November 1, 1971. Funds needed are to come from departmental Faculty Salaries. (RBC No. 3)
- 10. Appoint Dr. Herbert L. Fred as Professor in the Program of Internal Medicine, without salary, effective December 1, 1971. Dr. Fred also serves as Director of Medical Education at the St. Joseph Hospital. (RBC No. 24)
- 11. Increase the salary rate of Dr. Walter M. Kirkendall, Professor and Director of the Program of Internal Medicine, from \$35,000 to \$36,000 for 12 months, effective December 1, 1971. Additional funds needed are to come from departmental Faculty Salaries. (RBC No. 37)

Obstetrics and Gynecology

- 12. Appoint Dr. William A. McRoberts as Clinical Professor in the Program of Obstetrics and Gynecology, part-time, at a salary rate of \$8,000 for 12 months, effective May 1, 1972. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC No. 30)

Pediatrics

- 13. Appoint Dr. R. Rodney Howell as Professor of Pediatrics and Genetics and Director of the Program of Pediatrics at a salary rate of \$35,000 for 12 months, effective January 1, 1972. Funds needed are to come from departmental Faculty Salaries. Dr. Howell will also serve as Chief of the Pediatric Service at the Hermann Hospital. (RBC No. 19)
- 14. Transfer of Funds: (RBC No. 20)

From: Unallocated Appropriations - Instructional	
Faculty Salaries	\$12,500.00
Classified Salaries	9,040.00
Maintenance and Operation	2,320.00
	<u>\$23,860.00</u>
To: Pediatrics	
Faculty Salaries	\$12,500.00
Classified Salaries	9,040.00
Maintenance and Operation	2,100.00
Travel	220.00
	<u>\$23,860.00</u>

For: This transfer is requested to adjust Pediatrics' departmental budget in order to implement projected development during the current fiscal year.

- 15. Appoint Dr. Roger E. Stevenson as Assistant Professor in the Program of Pediatrics at a salary rate of \$22,000 for 12 months, effective January 15, 1972. Funds needed are to come from departmental Faculty Salaries. (RBC No. 26)
- 16. Appoint Dr. Alfred G. Knudson, Jr. as Professor of Pediatrics, without salary, effective November 23, 1971. Dr. Knudson also serves as Dean and Professor of Medical Genetics, The University of Texas Graduate School of Biomedical Sciences at Houston. (RBC No. 27)

RECOMMENDED AMENDMENTS TO THE 1971-72 BUDGET - continuedINSTRUCTION AND DEPARTMENTAL RESEARCH - CLINICAL SCIENCESPsychiatry

17. Appoint Dr. Norman J. Knorr as Professor in the Program of Psychiatry at a salary rate of \$32,000 for 12 months, effective December 15, 1971. Funds needed are to come from departmental Faculty Salaries. (RBC No. 25)

Radiology

18. Appoint Dr. Lee F. Rogers as Associate Professor in the Program of Radiology at a salary rate of \$28,000 for 12 months, effective January 1, 1972. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC No. 31)

INSTRUCTION AND DEPARTMENTAL RESEARCH - COMMUNITY HEALTH SCIENCESHealth Services Administration

19. Transfer of Funds: (RBC No. 36)

From: Unallocated Appropriations - Instructional	<u>\$24,840.00</u>
To: Health Services Administration	
Administrative and Professional Salaries	\$13,500.00
Classified Salaries	11,340.00
	<u>\$24,840.00</u>

For: This transfer is requested to create the following new positions, effective December 1, 1971.

- (1) Planning Associate at a salary rate of \$18,000 for 12 months.
- (2) Administrative Assistant at a salary rate of \$9,600 for 12 months.
- (3) Secretary II at a salary rate of \$5,520 for 12 months.

LIBRARIESLibrary and Learning Resources

20. Appoint Mr. Sam W. Hitt as Professor of Library Science, without salary, effective January 1, 1972. (RBC No. 18)

ORGANIZED RESEARCHOrganized Research - Physiology

21. Transfer of Funds: (RBC No. 21)

From: Organized Research	<u>\$ 1,500.00</u>
To: Organized Research	
Pulmonary Surfactant Studies	
Maintenance and Operation	<u>\$ 1,500.00</u>

For: This transfer is requested to provide funds for supplies and other operating expenses related to Organized Research - Pulmonary Surfactant Studies.

Respectfully submitted,


for Cheves McC. Smythe, M.D.
Dean

THE UNIVERSITY OF TEXAS
DENTAL BRANCH
at Houston

1319

January 6, 1972

Dr. Charles A. LeMaistre, Chancellor
The University of Texas System
Austin, Texas 78712

Dear Doctor LeMaistre:

The following docket is submitted for your approval and presentation to the Board of Regents at the meeting in Austin, Texas on February 4, 1972.

CONTRACTS AND AGREEMENTS: the following contract has been negotiated and signed by the Associate Dean for Business Affairs. I recommend your approval and ratification of the signatures. D 17

1. Interagency Cooperation Contract IAC(72-73)-281 whereby The University of Texas Dental Branch at Houston agrees to furnish such supplies and materials needed for development, and such other needed supplies and services including instructional and professional services as needed for its operation to The University of Texas Dental School at San Antonio. The University of Texas Dental School at San Antonio agrees to pay an amount not to exceed \$25,000.00, to The University of Texas Dental Branch at Houston at a rate which the Performing Agency charges for such work done for other component institutions of The University of Texas System and such charges will be vouchered and presented for reimbursement at the end of each month. This contract was approved by The State Board of Control on October 1, 1971, for the period October 1, 1971, through August 31, 1972. 17

FACULTY (WITHOUT SALARY AND WITHOUT TENURE): I recommend your approval of the following additions and deletion to the Faculty, all without salary and without tenure.

1. Deletion: Dr. Roy A. Stout as Clinical Professor in the Department of Surgery, effective September 1, 1971.

2. Addition: Dr. Warren R. Hester as Clinical Associate Professor in the Dental Science Institute for the period November 15, 1971, through June 30, 1972.

3. Addition: Dr. Vincent A. Segreto as Clinical Associate Professor in the Dental Science Institute for the period November 15, 1971, through June 30, 1972.

4. Addition: Dr. Raymond Reid as Clinical Associate Professor in the Department of Surgery, effective December 1, 1971.

5. Addition: Dr. Ralph P. Feller as Clinical Assistant Professor in the Department of Community Dentistry, effective December 1, 1971. D 17

CONTRACTS AND GRANTS (FEDERAL): The following grant has been negotiated by the Associate Dean for Business Affairs and has been signed by the Dean upon recommendation of the Grant Director, and approved by the Comptroller and the Chancellor. I recommend your approval and ratification of the signatures. D 17

1. U.S.P.H.S. General Research Support Grant 5 S01 RR-05344-11 for \$63,374.00, for the period January 1, 1972, through December 31, 1972, entitled "General Research Support Grant." This project is directed by Dr. John V. Olson, Dean.

Recommended Amendments to the 1971-72 Budget: The following amendments to the 1971-72 budget are written on the basis of "budget rates" rather than the "freeze rates" resulting from the President's Executive Order. For the duration of the wage-price freeze, while reported amendments to the budget are based on budget rates, all payrolls are processed in compliance with the rules, regulations, and guidelines issued under authority of the Executive Order. 1320

Anatomy (General and Microscopic)

1. Appointment: Dr. Raymond L. Warner as Assistant Professor at an annual salary of \$13,250.00, effective November 1, 1971; \$11,041.60 available in budgeted position and transfer \$1,958.40 to Unallocated Faculty Salaries. (RBC-52)

Physiology (Pharmacology)

2. Appointment: Dr. Curtis A. Taber as Assistant Professor at an annual salary of \$13,500.00, effective December 1, 1971; transfer \$10,125.00 from Unallocated Faculty Salaries. (RBC-56)

3. Appointment: Dr. John R. Wightman as Clinical Assistant Professor (10% T.) at an annual salary of \$2,400.00, for the period October 16, 1971, at noon, to December 31, 1971, inclusive; transfer \$500.00 from Unallocated Faculty Salaries. (RBC-50)

Preventive Dentistry (Orthodontics)

4. Appointment: Dr. Donald R. Gee as Clinical Assistant Professor (10% T.) at an annual salary of \$2,400.00, effective October 1, 1971; transfer \$2,200.00 from Unallocated Faculty Salaries. (RBC-45)

5. Appointment: Dr. C. Jack Payne as Clinical Assistant Professor (10% T.) at an annual salary of \$2,400.00, effective October 1, 1971; transfer \$2,200.00 from Unallocated Faculty Salaries. (RBC-51)

6. Change of Status: Dr. Russell S. Barnett, Jr., from Clinical Assistant Professor (5% T.) at an annual salary of \$1,000.00, to Clinical Assistant Professor (10% T.) at an annual salary of \$2,000.00, effective December 1, 1971; \$790.57 available in budgeted position and transfer \$709.37 from Unallocated Faculty Salaries. (RBC-55)

Preventive Dentistry (Pedodontics)

7. Change of Status: Dr. Robert D. Earl from Clinical Instructor (20% T.) to Clinical Assistant Professor (20% T.) at an annual salary of \$2,400.00, effective October 1, 1971; \$2,200.00 available in budgeted position. (RBC-53)

Technical Service

8. Transfer and Change of Status: Mr. Willie D. Ridgeway from Utility Worker in Physical Plant (Building Maintenance) at an annual salary of \$4,800.00, to Laboratory Assistant II at the same annual salary, effective October 1, 1971; transfer \$4,400.00 from Unallocated Faculty Salaries. (RBC-48)

School of Dental Hygiene

9. Appointment: Mrs. Jean Tilton as Instructor (Part-time) at a salary of \$1,700.00, for the period January 1, 1972, to May 31, 1972, inclusive; transfer \$1,700.00 from Unallocated Faculty Salaries. (RBC-46)

10. Resignation: Miss Stephanie L. Dort as Instructor (40% T.) at an annual salary of \$3,280.00, effective October 14, 1971, inclusive; transfer \$2,883.19 to Unallocated Faculty Salaries. (RBC-49)

11. Appointment: Mrs. Catherine G. Conway as Staff Nurse at an annual salary of \$7,800.00, effective October 11, 1971; transfer \$6,940.31 from Unallocated Faculty Salaries. (RBC-47)

Unallocated Faculty Salaries

12. Transfer of Funds: \$254,600.00 from unfilled line-item faculty positions as of November 30, 1971. (RBC-54)

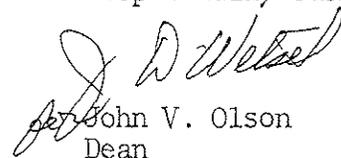
FROM:

<u>Department</u>	<u>Unfilled Line-Item Position</u>	<u>Amount</u>
Anatomy (Dental Anatomy and Histology)	Associate Professor	\$ 18,000.00
Anatomy (General and Microscopic)	Associate Professor	17,000.00
Medicine (Periodontics)	Associate Professor	24,000.00
Pathology (Microbiology)	Assistant Professor	16,000.00
Physics, Dental Materials	Assistant Professor (50% T.)	10,000.00
Physiology (Biological Chemistry)	Assistant Professor	16,000.00
Physiology (Nutrition)	Associate Professor	20,000.00
Physiology (Pharmacology)	Associate Professor	21,000.00
Physiology (Physiology)	Professor (50% T.) Assistant Professor	12,000.00 16,000.00
Preventive Dentistry (Orthodontics)	Professor Associate Professor (25% T.)	30,000.00 5,000.00
Preventive Dentistry (Pedodontics)	Assistant Professor (50% T.)	7,500.00
Restorative Dentistry (Unit Restorations)	Associate Professor Assistant Professor	16,500.00 16,000.00
School of Dental Hygiene	Instructor (Ellen I. Goldberg)	<u>9,600.00</u>
		<u>\$254,600.00</u>
<u>TO: Unallocated Faculty Salaries</u>		<u>\$254,600.00</u>

U.S.P.H.S. Grant 5 G03 RM-00007-02 and 03 (Project 1020)

13. Increase in Salary: Dr. Thomas E. Daly, Staff Dentist, from an annual salary of \$18,000.00, to an annual salary of \$18,600.00, effective December 1, 1971, and Assistant Professor in the Department of Restorative Dentistry (Complete Restorations) without salary; \$13,500.00 available in budgeted position and transfer \$450.00 from Other Salaries. (RBC-57)

Respectfully submitted,


John V. Olson
Dean

THE UNIVERSITY OF TEXAS
M. D. ANDERSON HOSPITAL AND TUMOR INSTITUTE AT HOUSTON

1322

January 7, 1972

Dr. Charles A. LeMaistre
Chancellor
The University of Texas
Austin, Texas 78712

Dear Doctor LeMaistre:

The following docket is submitted for your approval and presentation to the Board of Regents at its meeting in Austin, Texas on February 4, 1972:

GIFTS: I recommend acceptance of the following gifts and that the appropriation of the Board be sent to the donor by the Secretary.

<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
1. John I. Hay Foundation Mr. John I. Hay 332 South Michigan Avenue Chicago, Illinois 60604	For Institutional Purposes As Needed	\$20,000.00
2. Sid W. Richardson Foundation Fort Worth National Bank Bldg. Fort Worth, Texas 76102	Sid W. Richardson Foundation Film Fund	\$ 5,000.00
3. Texas Medical Center, Inc. Richard T. Eastwood, Ph.D. Executive Vice President 406 Jesse H. Jones Building Houston, Texas 77025	Davenport Benevolent Fund for Patient Annexes	\$ 8,000.00
4. The Rex Foundation 1600 Spring Lake Drive Orlando, Florida 32804	For Research in Section of Gynecology	\$10,000.00*
5. Mr. Harry B. Barnhart, Jr. 600 Post Oak Bank Building 2200 South Post Oak Road Houston, Texas 77027	Memorial to Mrs. Virginia Irvin Barnhart	\$ 5,000.00
6. Anonymous Donor	For Use As Determined by President	\$100,000.00

* No Letter of Transmittal Received

GOVERNMENT CONTRACTS AND GRANTS: The following Contracts, Grants and Amendments have been negotiated by the Business Manager, and have been signed by the President, upon recommendation of the Contract Director, and the Business Manager, and approved by the Comptroller and Deputy Chancellor for Administration. I recommend your approval and ratification of signatures.

1. Contract No. HSM 110-69-292, Supplemental Agreement No. 3 by which the Health Services and Mental Health Administration revises the per diem travel rate and fixes the overhead rate for the project "The Investigation of the Validity of Sputum Cytology from Anesthetized Patients as a Method of Lung Cancer Detection in a High Risk Group". This contract is under the direction of Dr. Walter J. Burdette.

2. Loan Agreement No. NET 72-17 by which the United States Atomic Energy Commission has authorized the loan of 370 pounds of Heavy Water to be used for educational and training purposes. This request was made in support of a project under the direction of Dr. George D. Oliver, Jr.
3. Revised Grant No. 2 R01 CA05047-12 SSS by which the National Institutes of Health has revised this award to cancel additional years of support for the project "Modification of Tumor Response to Local Irradiation". This project was under the direction of Dr. Herman D. Suit.
4. Contract No. PH43-NCI-65-604, Supplemental Agreement No. 12 by which the National Institutes of Health provides additional funds for the project "Continue Studies on Viruses, Human Leukemia, Lymphoma and Breast Cancer" for the period November 15, 1971 through January 31, 1972 in the amount of \$48,700. This contract is under the direction of Dr. Leon Dmochowski.
5. Grant No. 5 R10 CA03195-15 CCI by which the National Institutes of Health provides funds for the project "Southwest Cancer Chemotherapy Study Group". Direct costs in the amount of \$21,437 plus appropriate indirect costs are awarded for the period January 1, 1972 through December 31, 1972. This grant is under the direction of Dr. Raymond Alexanian.
6. Grant No. 5 R10 CA10376-05 by which the National Institutes of Health provides funds for the project "Southwest Cancer Chemotherapy Study Group". Direct costs in the amount of \$38,255 plus appropriate indirect costs are awarded for the period January 1, 1972 through December 31, 1972. This grant is under the direction of Dr. Emil J. Freireich.
7. Grant No. 1 R01 CA12429-01 PHRB by which the National Institutes of Health provides funds for the project "Molecular Mechanisms of Drug Action" for the period October 1, 1971 through September 30, 1974. Direct costs in the amount of \$41,715 plus appropriate indirect costs are awarded for the period October 1, 1971 through September 30, 1972. This grant is under the direction of Dr. Grady F. Saunders.
8. Grant No. 5 P02 CA05831-11 CAP by which the National Institutes of Health provides funds for the project "Cancer Clinical Research" for the period December 1, 1971 through November 30, 1975. Direct costs in the amount of \$685,979 plus appropriate indirect costs are awarded for the period December 1, 1971 through November 30, 1972. This grant is under the direction of Dr. R. Lee Clark.
9. Grant No. GB-13661, Amendment No. 1 by which the National Science Foundation provides additional funds for the project "DNA Homology Between Related Mammalian Species". The amount of \$42,000 is awarded for the period January 1, 1972 through June 30, 1974. The revised period of this grant is January 1, 1970 to June 30, 1974. This grant is under the direction of Dr. Tao-Chiuh Hsu.
10. Grant No. 5-R10-CA10379-04 by which the National Cancer Institute has granted approval for the appointment of Dr. Evan M. Hersh as principal investigator to replace Dr. James K. Luce for the project "Southwest Cancer Chemotherapy Study Group" effective August 1, 1971.
11. Contract No. NAS 9-11119 by which the National Aeronautics and Space Administration extends the contract period for six months without additional funds for the project "Cardiovascular System Model For Lower Body Negative Pressure Response". The revised termination date is March 31, 1972. This contract is under the direction of Mr. Baker Mitchell, Jr.

12. Contract No. NIH-72-C-70CC by which the National Institutes of Health authorizes payment for human leukemic blood cells required for the period September 3, 1972 through March 31, 1972. This contract is under the direction of Dr. Kenneth B. McCredie.
13. Grant No. 5 R01 CA11138-04 RAD by which the National Institutes of Health provides for the project "The Radiobiology of Normal Tissues" for the period January 1, 1972 through December 31, 1973. Direct costs in the amount of \$44,379 plus appropriate indirect costs are awarded for the period January 1, 1972 through December 31, 1972. This grant is under the direction of Dr. H. Rodney Withers.
14. Grant No. 3 R01 CA07913-08S1 NSS by which the National Institutes of Health provides Supplemental Funds for the project "Initiation and Development of Radiotherapy Studies" for the period January 1, 1971 through December 31, 1971 in the amount of \$5,500. This grant is under the direction of Dr. Gilbert H. Fletcher.
15. Grant No. 5 R10 CA03713-15 CCI by which the National Institutes of Health provides funds for the project "Southwest Cancer Chemotherapy Study Group Pediatrics". Direct costs in the amount of \$28,174 plus appropriate indirect costs are awarded for the period January 1, 1972 through December 31, 1972. This grant is under the direction of Dr. Wataru W. Sutow.
16. Grant No. 3 R01 CA11023-03S1 PTHB by which the National Institutes of Health provides supplemental funds for the project "Biology and Physiology of Human Melanoma Grown in Vitro". Direct costs in the amount of \$1,750 plus appropriate indirect costs are awarded for the period November 1, 1970 through December 31, 1971. This grant is under the direction of Dr. Marvin M. Romsdahl.

CONTRACTS AND AGREEMENTS, NONGOVERNMENT SPONSORED, INCLUDING RESEARCH GRANTS AS DISTINGUISHABLE FROM GIFTS:

GRANTS: The following grants have been accepted on behalf of The University of Texas M. D. Anderson Hospital and Tumor Institute at Houston by the President. I recommend approval and ratification of signatures:

1. Fellowship Grant No. DRF-744 by which the Damon Runyon Memorial Fund for Cancer Research, Inc. provides \$500 for the period September 1, 1971 through August 31, 1972 as a Fellowship Supply Allowance for Dr. Ming-Jer Tsai. This grant is under the direction of Dr. Grady F. Saunders.
2. Grant No. IC-53 by which the American Cancer Society, Inc. provides funds for the project "Inhibitors of Ribonucleotide Reductase" for the period January 1, 1972 through December 31, 1973 in the amount of \$40,400. This grant is under the direction of Dr. E. Colleen Moore.
3. Grant No. IN-43M by which the American Cancer Society, Inc. provides funds for the project "Institutional Research Grant" for the period December 1, 1971 through November 30, 1972 in the amount of \$40,000. This grant is under the direction of Dr. Marvin M. Romsdahl.
4. Grant by which the Council for Tobacco Research - U.S.A., Inc. provides funds for the project "Regional Patterns of Mortality in Houston, 1940-1969" for the period November 1, 1971 through October 31, 1972 in the amount of \$4,257. This grant is under the direction of Miss Eleanor J. Macdonald.

BUSINESS CONTRACTS: The following contracts have been negotiated by the Business Manager and have been approved by the System Comptroller and the Deputy Chancellor for Administration. I recommend your approval and ratification of signatures:

1. Lease Agreement with the Cenco Hospital and Convalescent Homes Corporation of Houston for 300 square feet of space 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. Rental payment for this space shall be at the rate of \$150.00 per month effective November 1, 1971 through October 31, 1973. The agreement provides for termination by either party on ninety days written notice.

2. Lease Agreement with the Prudential Insurance Company of America for 31,801 square feet of space in the Prudential Building at 1100 Holcombe Boulevard in Houston at a cost of \$.41666 per square foot per month for the period February 1, 1972 to August 31, 1975. This lease was submitted for bids through the State Board of Control, and the lease has been approved by that agency. This space is to be shared by M. D. Anderson Hospital and Tumor Institute and the Graduate School of Biomedical Sciences.

BUDGET CHANGES: The following amendments to the 1971-72 budget are written on the basis of "budget rates" rather than the "freeze rates" resulting from the President's Executive Order. For the duration of the wage-price freeze, while reported amendments to the budget are based on budget rates, all payrolls have been processed in compliance with the rules, regulations, and guidelines issued under authority of the Executive Order. The following budget changes are submitted for your approval and presentation to the Board of Regents at its meeting in Austin, Texas on February 4, 1972.

1971-72

General Administration (Business Manager's Office)

1. Change in Status. Change the time status of John Musgrove, Special Assistant to the Business Manager, from the 1/6 time rate of \$2,000.00 per annum from Business Manager's Office (General Funds) to the 14 per cent time rate of \$1,680.00 per annum, effective for the period September 1, 1971 to December 31, 1971. Effective January 1, 1972, Mr. Musgrove will revert back to the 1/6 time rate of \$2,000.00 per annum. Unused funds in this position are to be transferred to the Reserve for Professional Salaries Account. (RBC 60)

General Administration (Business Office, General Accounting)

2. Appointment. Ron A. Federman, Accounting Clerk II, payable at the rate of \$5,784.00 per annum effective October 15, 1971. Source of funds is the Reserve for Classified Salaries Account. (RBC 46)

Medical Staff (Clinical Pathology)

3. Appointment. Dieter H.M. Groschel, Associate Clinical Pathologist and Associate Professor of Pathology (Microbiology), payable at the rate of \$28,000.00 per annum from the vacant position of Assistant Pathologist and the Reserve for Professional Salaries Account effective October 1, 1971. (RBC 56)

Medical Staff (Diagnostic Radiology)

4. Appointment. James H. Anderson, Assistant Physiologist and Assistant Professor of Radiology (Physiology), payable at the rate of \$14,500.00 per annum from vacant position of Radiologist effective October 11, 1971. Unused salaries in the vacant position of Radiologist are to be transferred to the Reserve for Professional Salaries Account. (RBC 48 & 64)

Medical Staff (Radiotherapy)

5. Resignation. Robert E. Palmer, Assistant Radiotherapist and Instructor in Radiotherapy, payable at the rate of \$26,950.00 per annum effective September 15, 1971. (Rev. RBC 5)

Medical Staff (Surgery)

6. Change in Source of Salary. Victor Matalon, Assistant Surgeon (Prosthodontics) Dental Service from the rate of \$17,600.00 per annum from Public Health Service Grant 13-P-55229-6-05 to the rate of \$17,600.00 per annum from Surgery (General Funds), effective November 1, 1971. Source of funds is the Reserve for Professional Salaries Account. (RBC 67)

7. Change in Source of Salary. Joe B. Drane, Clinical Associate Surgeon (Prosthodontics) Dental Service, from the rate of \$8,950.00 per annum from Surgery (General Funds) and the rate of \$7,500.00 per annum from Public Health Grant 13-P-55229-6-05 to the rate of \$16,450.00 per annum from Surgery (General Funds) effective November 1, 1971. Source of additional general funds is the Reserve for Professional Salaries Account. (RBC 68)

Research (Biochemistry)

8. Appointment. Marcy M. Jacobs, Research Associate, payable at the rate of \$11,000.00 per annum from National Institutes of Health Grant NIH-2-R01-AM-09801, effective October 1, 1971. (RBC 44)

9. Extension of Appointment. John A. Wilhelm, Research Associate, payable at the rate of \$10,000.00 per annum from Public Health Service Grant 1-R01-HD-5803-01 effective for the period December 1, 1971 through December 10, 1971. Reference Regents Budget Change No. 2 (1971-72). (RBC 72)

Research (Cell Biology)

10. Change in Source of Salary. Frances E. Arrighi, Assistant Biologist, from the 50% rate of \$8,000.00 per annum from N.S.F. Grant GB-13661 to the 50% rate of \$8,000.00 per annum from Cell Biology General Funds for the period September 1, 1971 to December 31, 1971. Effective January 1, 1972 the source of funds will revert back to N.S.F. Grant GB-13661 for 50% of this staff member's time. The additional 50% of Dr. Arrighi's time will continue to be paid from Grant DRG-1129 for the full year. Source of funds for the payment from Cell Biology General Funds will be the Reserve for Professional Salaries Account. (RBC 73 & 74)

Research (Ecology)

11. Change in Title. Joseph P. Kennedy, from Ecologist and Professor of Ecology to Ecologist and Professor of Ecology and Director of The University of Texas System Environmental Science Park payable at the rate of \$13,500.00 per annum from Ecology (General Funds) effective November 1, 1971. (RBC 65)

Research (Experimental Radiotherapy)

12. Reappointment. Herman D. Suit, Radiotherapist and Professor of Radiotherapy, Experimental Radiotherapy (General Funds), payable at the ninety per cent time rate of \$24,300.00 per annum from vacant position effective for the period September 1, 1971 through October 11, 1971. Unused funds in this position are to be transferred to the Reserve for Professional Salaries Account. (RBC 40)

13. Extension of Appointment. Robert S. Sedlacek, Research Associate, payable at the rate of \$13,000.00 per annum from National Institutes of Health Grant NIH-5-R01-CA-5047-11 for the period November 1, 1971 through December 15, 1971. (RBC 49)

14. Reappointment. Jan Vaage, Assistant Biologist, payable at the rate of \$16,550.00 per annum from National Institutes of Health Grant 5-P02-CA6294 effective for the period September 1, 1971 through September 21, 1971. (RBC 54)

15. Change in Title. H. Rodney Withers, from Associate Radiotherapist and Associate Professor of Radiotherapy to Radiotherapist and Professor of Radiotherapy payable at the rate of \$33,000.00 per annum from Experimental Radiotherapy (General Funds), effective November 1, 1971, reference Regents Budget Change No. 8 (71-72). (RBC 63)

1327

Research (Developmental Therapeutics)

16. Appointment. Victorio Rodriguez, Assistant Internist and Assistant Professor of Medicine payable at the rate of \$9,000.00 per annum from Developmental Therapeutics (General Funds) and the rate of \$12,000.00 per annum from National Institutes of Health Grant 5-P02-CA5831, Appro. 6 effective October 1, 1971. Source of funds for the general funds appointment is vacant Position 4. Unused funds in this position are to be transferred to the Reserve for Professional Salaries Account. (RBC 55)

17. Appointment. Potu Rao, Associate Biologist and Associate Professor of Developmental Therapeutics (Cell Biology), payable at the rate of \$11,000.00 per annum from Developmental Therapeutics (General Funds), \$6,000.00 per annum from Public Health Service Contract PH-43-68-949, and \$6,000.00 per annum from National Institutes of Health Grant NIH-1-P01-CA11520 effective November 1, 1971. (RBC 62)

Research (Virology)

18. Appointment. Mahlon F. Miller, Assistant Virologist, payable at the rate of \$11,500.00 per annum from Public Health Service Contract PH-43-65-604, effective October 1, 1971. (RBC 52)

19. Appointment. James L. East, Assistant Virologist and Assistant Professor of Virology, payable at \$13,500.00 per annum from Public Health Service Contract PH-43-65-604, effective December 1, 1971. (RBC 76)

Research (Computer Science Laboratory of the Institute of Biomathematics)

20. Appointment. Howard D. Thames, Jr., Assistant Biomathematician and Assistant Professor of Biomathematics, payable at \$16,000.00 per annum from National Institutes of Health Grant NIH-9-R01-CA-11430, effective December 1, 1971. (RBC 75)

Education (Office of Education)

21. Appointment. Sidney H. Rosenheim, Fellow in Anatomical Pathology, payable at the rate of \$15,000.00 per annum from Public Health Service Grant 1-T01-CA-05232, effective for the period November 1, 1971 through June 30, 1972. (RBC 57)

Education (Extension Studies)

22. Transfer of Funds. Transfer funds in the amount of \$2,500.00 from Extension Studies, Maintenance and Operation Appropriation to the Research Seminars, Maintenance and Operation Appropriation to provide monies for consultation and travel expenses for Visiting Lecturers at Research Seminars held regularly during the fiscal year 1971-72. (RBC 51)

Patient Care Activities (Office of Clinic Administration)

23. Appointment. Richard E. Sherrill, Systems Engineer, payable at the rate of \$13,000.00 per annum from Clinic Administration (General Funds) effective September 28, 1971. Source of funds for this appointment is vacant Position No. 2 and the Reserve for Professional Salaries Account. (RBC 43)

Patient Care Activities (Anesthesiology Service)

24. Increase in Salary. Rebecca S. Williams, Nurse Anesthetist Supervisor from \$16,000.00 per annum to \$16,500.00 per annum effective December 1, 1971. Source of funds for the increase is the Reserve for Professional Salaries Account. (RBC 86)

Patient Care Activities (Dental Service)

25. Appointment. Lylis I. Watson, Dental Assistant II, payable at the rate of \$5,520.00 per annum effective November 1, 1971. Source of funds is the Reserve for Classified Salaries Account. (RBC 69)

26. Appointment. Mildred Bann, Secretary II, payable at the rate of \$6,168.00 per annum effective November 1, 1971. Source of funds is the Reserve for Classified Salaries Account. (RBC 70)

27. Appointment. Dorothy P. Askew, Senior Clerk, payable at the rate of \$5,520.00 per annum effective November 1, 1971. Source of funds is the Reserve for Classified Salaries Account. (RBC 71)

Patient Care Activities (Electroencephalograph Service)

28. Transfer of Funds. Transfer funds in the amount of \$2,500.00 from the Reserve for Maintenance and Operation Account to the Electroencephalograph Service Maintenance and Operation Appropriation to provide operating funds for fiscal year 1971-72 not previously budgeted. (RBC 53)

Patient Care Activities (Medical Records)

29. Appointment. Alice M. Alexander, Clerk Typist II, payable at the rate of \$4,584.00 per annum effective November 1, 1971. Source of funds is the Reserve for Classified Salaries Account. (RBC 58)

Patient Care Activities (Clinical Physics)

30. Resignation. Robert Golden, Assistant in Physics, payable at the rate of \$19,500.00 per annum from National Institutes of Health Grant NIH-1-R01-CA-10953 effective November 5, 1971. (RBC 17)

General Services (Development Office)

31. Transfer of Funds. Transfer funds in the amount of \$3,000.00 from the Reserve for Maintenance and Operation to the Development Office, Maintenance and Operation Appropriation, to provide operating funds for fiscal year 1971-72 not previously budgeted. (RBC 47)

32. Extension of Appointment. Diane Elizabeth Heiges, Special Assistant to University Cancer Foundation, payable at the rate of \$10,000.00 per annum from Various Donors for University Cancer Foundation, effective for the period December 1, 1971 through February 29, 1972. Reference Regents Budget Change No. 7 (71-72). (RBC 66)

General Services (Medical Communications)

33. Appointment. William T. Dunn, Jr., Photographer I, payable at the rate of \$7,104.00 per annum effective September 1, 1971. Source of funds is the Reserve for Classified Salaries Account. (RBC 45)

General Services (Purchasing)

34. Resignation. Marvin S. Tweedy, Purchasing Agent, payable at the rate of \$15,600.00 per annum effective November 22, 1971. (RBC 61)

Physical Plant

35. Appointment. Eugene E. Sikes, Engineer, payable at the rate of \$14,750.00 per annum from budgeted position for Mechanical Engineer effective November 8, 1971. (RBC 59)

Transfer of Funds

36. Transfer funds as indicated below to various departmental maintenance and operation appropriations to provide funds for estimated cost of computer utilization for these departments for fiscal year 1971-72. (RBC 50)

<u>Transfer From</u>	<u>Page</u>	<u>Amount</u>
Reserve for Maintenance and Operation	191	\$5,000
	Total	<u>\$5,000</u>
 <u>Transfer To</u>		
Biology - Maintenance and Operation	53	\$2,000
Research Physics - Maintenance and Operation	63	1,500
Biochemistry - Maintenance and Operation	50	<u>1,500</u>
	Total	<u>\$5,000</u>

ENVIRONMENTAL SCIENCE PARK

37. Appointment. Leslie A. Stinson, Secretary I, payable at the rate of \$5,268.00 per annum from budgeted funds effective November 1, 1971. (RBC 3)

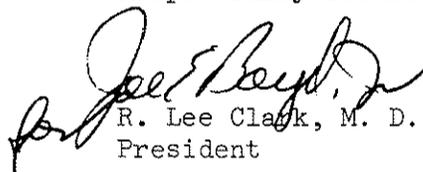
38. Reclassification of Position. Reclassify the position of Animal Research Supervisor I to Animal Resources Technologist II for the appointment of James D. Jenkins payable at the rate of \$9,600.00 per annum effective November 1, 1971. (RBC 4)

39. Transfer of Funds. Transfer funds in the amount of \$61,826.00 from the Lump Sum Legislative Appropriation for the Environmental Science Park to Maintenance and Operation for the Fiscal Year 1971-72. (RBC 5)

QUARTERLY REPORT OF GIFTS OF LESS THAN \$5,000.00

The quarterly report of gifts of less than \$5,000.00 for the period ending November 30, 1971 has been filed with the Office of the Board of Regents where it is available for reference.

Respectfully submitted,


R. Lee Clark, M. D.
President

THE UNIVERSITY OF TEXAS
GRADUATE SCHOOL OF BIOMEDICAL SCIENCES AT HOUSTON
DIVISION OF GRADUATE STUDIES

January 7, 1972

Dr. Charles A. LeMaistre
Chancellor
The University of Texas
Austin, Texas 78712

Dear Doctor LeMaistre:

The following docket is submitted for your approval and presentation to the Board of Regents at its meeting in Austin, Texas on February 4, 1972:

GOVERNMENT CONTRACTS AND GRANTS: The following Contracts, Grants and Amendments have been negotiated by the Business Manager, and have been signed by the Dean upon recommendation of the Contract Director, and the Business Manager, and approved by the Comptroller and Deputy Chancellor for Administration. recommend your approval and ratification of signatures. 2047

1. Contract No. DADA17-67-C-7154, Modification No. P207 by which the United States Army fixes the overhead rate for the project "The Effect of Laser Radiation on Receptor Function in Human and Primate Eyes" for the period September 1, 1969 through February 28, 1971 at 50% of direct salaries and wages. This contract was under the direction of Dr. Harry G. Sperling.

BUDGET CHANGES: The following amendments to the 1971-72 budget are written on the basis of "budget rates" rather than the "freeze rates" resulting from the President's Executive Order. For the duration of the wage-price freeze, while reported amendments to the budget have been based on budget rates, all payrolls have been processed in compliance with the rules, regulations, and guidelines issued under authority of the Executive Order. The following budget changes are submitted for your approval and presentation to the Board of Regents at its meeting in Austin, Texas on February 4, 1972.

1971-72

Educational and General

1. Change in Status. Thomas A. Decker, Ph.D., Assistant Professor, from the sixteen per cent time rate of \$3,000.00 per annum from Educational and General (General Funds) and the eighty four per cent time rate of \$15,900.00 per annum from NASA Contract NGR-44-012-099 to the eight per cent time rate of \$1,500.00 per annum from Educational and General (General Funds) and the forty-two per cent time rate of \$7,950.00 per annum from NASA Contract NGR-44-012-099 effective October 1, 1971. Unused funds in the amount of \$1,375.00 are to be transferred to the Reserve for Professional Salaries Account. (RBC 7)

2. Change in Title and Increase in Salary. Margery W. Shaw, M.D., from Professor payable at the rate of \$26,000.00 per annum to Professor and Director of the Medical Genetics Center payable at the rate of \$31,000.00 per annum effective November 1, 1971. This change in title and increase is given in recognition of increased duties and responsibilities. Source of funds for this increase is the Reserve for Professional Salaries Account. (RBC 8)

F

APPOINTMENTS TO COMMITTEE ON GRADUATE STUDIES

The following staff members of The University of Texas Medical School at Houston are recommended for appointment as full Member of the Committee on Graduate Studies. These appointments have been approved by the Committee on Graduate Studies, the Dean of The University of Texas Medical School at Houston, the Dean of The University of Texas Graduate School of Biomedical Sciences, and the Vice-Chancellor for Health Affairs. These appointments are submitted for your approval and formal submission to the Board of Regents for their approval.

Dr. John A. DeMoss
Dr. Eugene D. Jacobson
Dr. Emil Steinberger

QUARTERLY REPORT OF GIFTS OF LESS THAN \$5,000.00

The quarterly report of gifts of less than \$5,000.00 for the period ending November 30, 1971 has been filed with the Office of the Board of Regents where it is available for reference.

Respectfully submitted,

Alfred G. Knudson, Jr.

Alfred G. Knudson, Jr., M.D., Ph.D.
D E A N

THE UNIVERSITY OF TEXAS
GRADUATE SCHOOL OF BIOMEDICAL SCIENCES AT HOUSTON
DIVISION OF CONTINUING EDUCATION

January 7, 1972

Dr. Charles A. LeMaistre, Chancellor
The University of Texas System
Austin, Texas 78712

Dear Doctor LeMaistre:

The following docket is submitted for your approval and presentation to the Board of Regents at its meeting in Austin, Texas, on February 4, 1972:

QUARTERLY REPORT OF GIFTS OF LESS THAN \$5,000.00

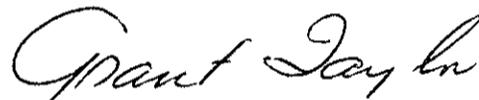
The quarterly report of gifts of less than \$5,000.00, for the period ending November 30, 1971, has been filed with the Office of the Board of Regents where it is available for reference.

RECOMMENDED AMENDMENTS TO BUDGET

1971-72

1. Appointment. Appoint Jack L. Mustard, Electronic Engineer, Communications (General Funds), payable at the rate of \$9,240.00 per annum, effective November 15, 1971. (RBC 8)

Respectfully submitted,



Grant Taylor, M. D.
Acting Dean

THE UNIVERSITY OF TEXAS
SCHOOL OF PUBLIC HEALTH AT HOUSTON

January 7, 1972

Dr. Charles A. LeMaistre
Chancellor
The University of Texas
Austin, Texas 78712

Dear Doctor LeMaistre:

The following docket is submitted for your approval and presentation to the Board of Regents at its meeting in Austin, Texas on February 4, 1972:

GOVERNMENT CONTRACTS AND GRANTS: The following contracts, grants, and amendments have been negotiated by the Business Manager, and have been signed by the Dean upon recommendation of the Principal Investigator, and the Business Manager, and approved by the Comptroller and Deputy Chancellor for Administration. I recommend your approval and ratification of signatures. D.H.

1. Contract No. DADA17-72-C-2022 by which the U. S. Army Medical Research and Development Command provides funds for the project "Ecological Studies on the Transmission of Mosquito-borne Viruses in Woodland Habitats" for the period November 1, 1971 through May 31, 1972 in the amount of \$7,187. This contract is under the direction of Dr. Robert H. Kokernot.

2. Contract No. NIH 71-4073 by which the Public Health Service provides funds for the project "To Develop, Apply and Test a Model of the Extended Role of the Nurse as a Family Health Worker in the Community" for the period June 28, 1971 through June 27, 1972 in the amount of \$105,820. This contract is under the direction of Dr. Clarence Skrovan. D.H.

INTERAGENCY CONTRACT: The following interagency contract has been negotiated by the Business Manager and has been signed by the Dean upon recommendation of the Business Manager, and approved by the Comptroller, the Deputy Chancellor for Administration and the State Board of Control. I recommend your approval and ratification of signatures:

1. Interagency Contract Number IAC(72-73)-299 between the Texas Water Development Board, Performing Agency, and The University of Texas School of Public Health at Houston, Receiving Agency, by which the Performing Agency provides electronic data processing services as required for the period December 1, 1971 through August 31, 1972, in an amount not to exceed \$1,000.00.

BUDGET CHANGES: The following amendments to the 1971-72 budget are written on the basis of "budget rates" rather than the "freeze rates" resulting from the President's Executive Order. For the duration of the wage-price freeze, while reported amendments to the budget have been based on budget rates, all payrolls have been processed in compliance with the rules, regulations, and guidelines issued under authority of the Executive Order.

1971-72

Teaching, Service and Research (Chronic Diseases)

1. Change in Source of Salary. John A. Napier, Associate Research Biometrician from the full time rate of \$26,000.00 per annum from Chronic Diseases (General Funds) to the rate of \$6,000.00 from Chronic Diseases (General Funds) and the rate of \$20,000.00 per annum from National Institutes of Health Contract NIH-71-2156, effective September 1, 1971. Unused general funds are to be transferred to the Reserve for Professional Salaries Fund. (RBC 51)

Teaching, Service and Research (Institute of Environmental Health)

2. Change in Title. Stanley M. Pier from Adjunct Associate Professor of Environmental Health to Associate Professor of Environmental Health payable at the rate of \$12,500.00 per annum from Institute of Environmental Health (General Funds) and \$12,500.00 per annum from NASA Contract 9-11701, effective November 1, 1971. (RBC 53)

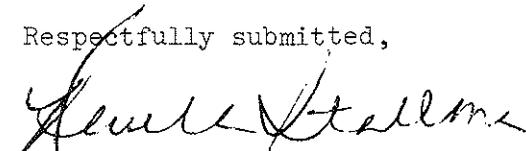
Teaching, Service and Research (Population Studies)

3. Change in Title. James H. Sterner from Professor of Occupational Health to Professor of Environmental Occupational Health payable at the rate of \$35,000.00 per annum from Population Studies (General Funds) effective December 1, 1971. (RBC 54)

Teaching, Service and Research (Urban Health)

4. Change in Title. Arthur A. Atkisson from Professor of Health Administration to Professor of Urban Health and Administrative Science payable at the rate of \$29,000.00 per annum from Urban Health (General Funds) effective November 1, 1971. (RBC 52)

Respectfully submitted,


Ruel A. Stallones, M.D., M.P.H.
D E A N

THE UNIVERSITY OF TEXAS NURSING SCHOOL
(SYSTEM-WIDE)
Austin - El Paso - Fort Worth - Galveston - Houston - San Antonio

January 4, 1972

Chancellor Charles A. LeMaistre
The University of Texas System
Austin, Texas

Dear Chancellor LeMaistre:

The following docket is submitted for your approval and presentation to the Board of Regents at its meeting in Austin on February 4, 1972:

Graduate Nursing School at Austin

F

1. The following persons have been recommended by the Committee on Graduate Studies and the Dean of the Nursing School for membership on the graduate faculty of the Nursing School. Both meet the requirements set forth in the Regents' Rules:

Elizabeth Bregg
Jerry Blaylock

RECOMMENDED AMENDMENTS TO THE 1971-72 BUDGET

Undergraduate Nursing School at El Paso

Transfer of Funds

1. Amount of Transfer - \$6,226

To: Teaching Salaries - \$6,022
Classified Salaries - \$204

From : Planning and development of new student programs and facilities

To provide funds for appointment of new faculty member and increase salary of administrative assistant.
(RBC# N-60)

Undergraduate Nursing School at Tarrant County

1. Appoint Myrna Pickard as Acting Associate Dean and Assistant Professor at a salary rate of \$14,200 for 12 months, effective November 1, 1971. Source of Funds: Planning for Fort Worth Nursing School. (RBC# N-43)

Undergraduate Nursing School at Tarrant County (continued)

2. Appoint Mary Ellen Wyers as Instructor at a salary rate of \$11,000 for 9 months, effective November 1, 1971. Source of Funds: Planning for Fort Worth Nursing School. (RBC# N-42)

Transfer of Funds

3. Amount of Transfer - \$30,000

To: Planning for Fort Worth Nursing School

From: Planning and development of new student programs and facilities

To provide funds for appointments of two faculty and one classified personnel, and for operation of the School.
(RBC# N-36)

Houston Nursing SchoolTransfer of Funds

1. Amount of Transfer - \$50,000

To: Planning for Houston Nursing School

From: Planning and development of new student programs and facilities

To provide funds for appointments of faculty and staff personnel, and for the operation of the School.
(RBC# N-44)

Clinical Nursing School at San Antonio

1. Appoint Patricia Conley as Assistant Professor at a salary rate of \$12,000 for 9 months, effective November 22, 1971. Source of Funds: Teaching Salaries - Clinical Nursing School at San Antonio. (RBC# N-53)

Sincerely yours,



Marilyn D. Willman
Dean

LAND AND INVESTMENT REPORT

1337

Meeting of February 4, 1972

INDEX	PAGE L & I REPORT
I. PERMANENT UNIVERSITY FUND	
A. INVESTMENT MATTERS - MONTH ENDED OCTOBER 31, 1971	
1. Report of Securities Transactions	2
2. Bond Exchange Detail	8
3. Cash Statement - Permanent Fund and Available Fund	21
B. INVESTMENT MATTERS - MONTH ENDED NOVEMBER 30, 1971	
4. Report of Securities Transactions	23
5. Bond Exchange Detail	30
6. Cash Statement - Permanent Fund and Available Fund	46
II. TRUST AND SPECIAL FUNDS	
A. INVESTMENT MATTERS - MONTH ENDED OCTOBER 31, 1971	
1. Report of Securities Transactions	48
2. Securities Transactions Detail	53
B. INVESTMENT MATTERS - MONTH ENDED NOVEMBER 30, 1971	
3. Report of Securities Transactions	66
4. Securities Transactions Detail	72

D. C.

LAND AND INVESTMENT REPORT

Meeting of February 4, 1972

INDEX	PAGE L & I REPORT
I. PERMANENT UNIVERSITY FUND	
A. INVESTMENT MATTERS - MONTH ENDED OCTOBER 31, 1971	
1. Report of Securities Transactions	2
2. Bond Exchange Detail	8
3. Cash Statement - Permanent Fund and Available Fund	21
B. INVESTMENT MATTERS - MONTH ENDED NOVEMBER 30, 1971	
4. Report of Securities Transactions	23
5. Bond Exchange Detail	30
6. Cash Statement - Permanent Fund and Available Fund	46
II. TRUST AND SPECIAL FUNDS	
A. INVESTMENT MATTERS - MONTH ENDED OCTOBER 31, 1971	
1. Report of Securities Transactions	48
2. Securities Transactions Detail	53
B. INVESTMENT MATTERS - MONTH ENDED NOVEMBER 30, 1971	
3. Report of Securities Transactions	66
4. Securities Transactions Detail	72

LAND AND INVESTMENT REPORT

1338

For Month Ended October 31, 1971

I. PERMANENT UNIVERSITY FUND

PERMANENT UNIVERSITY FUND - INVESTMENT MATTERS. --

REPORT OF SECURITIES TRANSACTIONS. -- The following securities transactions have been made for the Permanent University Fund in October, 1971. The Associate Deputy Chancellor for Investments, Trusts and Lands recommends approval by the Board of Regents of these transactions.

COMPARISON
SUMMARY OF ASSETS

<u>SECURITY</u>	<u>BOOK VALUE 8/31/71</u>	<u>BOOK YIELD 8/31/71</u>	<u>BOOK VALUE 10/31/71</u>	<u>BOOK YIELD 10/31/71</u>
<u>FIXED INCOME SECURITIES:</u>				
U. S. Government Obligations --				
U. S. Treas. Bonds	\$107,723,291.67	4.26%	\$107,143,458.07	4.27%
U. S. Govt. Agencies	5,438,875.36	6.81	9,218,440.22	7.16
F. H. A. Mortgages	<u>15,622,444.51</u>	<u>6.83</u>	<u>15,493,607.83</u>	<u>6.83</u>
TOTAL - U. S. Government Obligations	<u>128,784,611.54</u>	<u>4.68</u>	<u>131,855,506.12</u>	<u>4.77</u>
Corporate Bonds	<u>234,360,279.62</u>	<u>4.91</u>	<u>234,235,666.54</u>	<u>4.91</u>
TOTAL - FIXED INCOME SECURITIES	<u>363,144,891.16</u>	<u>4.83</u>	<u>366,091,172.66</u>	<u>4.86</u>
<u>EQUITY SECURITIES:</u>				
Convertible Debentures	14,933,307.87	4.97	14,933,307.87	4.97
Conv. Preferred Stocks	15,848,192.03	4.16	15,848,192.03	4.16
Common Stocks	<u>184,688,881.95</u>	<u>4.30</u>	<u>187,222,655.01</u>	<u>4.28</u>
TOTAL - EQUITY SECURITIES	<u>215,470,381.85</u>	<u>4.34</u>	<u>218,004,154.91</u>	<u>4.32</u>
TOTAL - LONG TERM INVESTMENTS	<u>578,615,273.01</u>	<u>4.65</u>	<u>584,095,327.57</u>	<u>4.66</u>

COMPARISON - SUMMARY OF ASSETS
(Continued)

CASH & EQUIVALENT:

Commercial Paper	\$ 15,750,000.00	5.45%	\$ 19,680,000.00	5.60%
Investment Transactions --				
Accounts Receivable	-0-		19,160.00	
Accounts Payable	-0-		53,597.55	
Cash	<u>483,744.55</u>		<u>1,051,373.69</u>	
TOTAL - CASH & EQUIVALENT	<u>16,233,744.55</u>		<u>20,804,131.24</u>	
TOTAL - SECURITIES, CASH & EQUIVALENT	<u>\$594,849,017.56</u>	<u>4.67%</u>	<u>\$ 604,899,458.81</u>	<u>4.68%</u>

SUMMARY OF TRANSACTIONS

	<u>Cost</u>	<u>Yield</u>	
Purchases:			
U. S. Government Agencies	\$ 476,850.00	7.16%	
Corporate Bonds	548,721.02	7.83	
Common Stock	<u>3,997,619.54</u>	<u>4.58</u>	
TOTAL LONG TERM PURCHASES	<u>\$5,023,190.56</u>	<u>5.18%</u>	
Sales:			
U. S. Government Obligations			
GNMA Principal Payments	\$ 12,886.56	(\$ 1,792.18)	8.00%
FHA Mortgages	75,450.52	-0-	6.96
Corporate Bonds	10,498.43	(3,375.16)	7.25
Common Stock	<u>3,944,853.10</u>	<u>2,481,039.87</u>	<u>2.05</u>
TOTAL LONG TERM SALES	<u>\$4,043,688.61</u>	<u>\$2,475,872.53</u>	<u>2.17%</u>

SUMMARY OF TRANSACTIONS

BOND EXCHANGES

1340

Par Exchanged	Increase in
\$10,239,000.00	Annual Income
	\$16,445.62

Permanent University Fund Book Value

September 30, 1971 Balance	\$600,927,250.22
Additions (October 31, 1971)	
Realized Net Gain (Loss) on Security Transactions	\$ 2,475,872.53
From General Land Office	<u>1,496,336.06</u>
	<u>3,972,208.59</u>
October 31, 1971 Balance	<u><u>\$604,899,458.81</u></u>

INVESTMENTS ACQUIRED

<u>Par Value or No. Shares</u>	<u>Description</u>	<u>Price</u>	<u>Total Cost</u>	<u>Current Yield</u>
<u>U.S. GOVERNMENT AGENCY OBLIGATIONS:</u>				
\$ 510,000.00	GNMA, Pool #1029, 6-1/2%, due 12/15/01	93.50	<u>\$476,850.00</u>	<u>7.16%</u>
<u>CORPORATE BONDS:</u>				
600,000.00	Beneficial Finance Company, Notes, 5-1/4%, due 12/1/79	84.62	507,720.00	7.86
8,800.00	Dow Chemical Co., Promissory Notes, 5%, due 4-1-91	73.25	6,446.00	7.66
6,000.00	Florida Power & Light Company, First Mtge., 3-5/8%, due 4/1/86	66.50	3,990.00	7.45
9,000.00	Georgia Power Company, First Mtge. 4-5/8% due 10/1/94	69.973	6,297.57	7.35
11,000.00	Mountain States Tel. & Tel. Co., Debs., 5-1/2% due 6/1/05	76.79	8,446.90	7.37
1,000.00	Mountain States Tel. & Tel. Co., Debs., 6.90% due 8/1/07	81.35	813.50	7.50
2,000.00	New England Tel. & Tel. Co., Debs. 4-5/8%, due 4/1/99	68.028	1,360.56	7.35

INVESTMENTS ACQUIRED
(Continued)

1311

Par Value or No. Shares	Description	Price	Total Cost	Current Yield
<u>CORPORATE BONDS: (Continued)</u>				
\$ 6,000.00	Northern States Power Co. (Minn.) First Mtge., 5% due 12/1/90	76.447	\$ 4,588.62	7.30%
1,000.00	Southern Electric Generating Co., First Mtge., 5-1/4%, Series 1960, due 6/1/92	72.424	724.24	8.00
9,000.00	Southern Electric Generating Co., First Mtge., 5-1/4%, Series 1961, due 6/1/92	74.029	6,662.61	7.80
2,000.00	Southwestern Bell Telephone Co., Debs. 5-7/8%, due 6/1/03	83.551	1,671.02	7.20
	TOTAL - Corporate Bonds		<u>548,721.02</u>	<u>7.83</u>
<u>COMMON STOCK:</u>				
12,800	Combined Insurance Co. of America, Dividend	-0-	-0-	-0-
43,383	First Chicago Corporation, Split	-0-	-0-	-0-
2,000	Ford Motor Company	70.50	141,000.00	3.69
12,000	General Motors Corporation	83.23	998,812.50	4.09
1,300	International Business Machines	306.096	398,829.95	1.69
77,900	W.R. Grace & Company	31.42	2,458,977.09	4.75
	TOTAL - Common Stock		<u>3,997,619.54</u>	<u>4.58</u>
	TOTAL - LONG TERM INVESTMENTS		<u>5,023,190.56</u>	<u>5.18</u>
<u>BONDS EXCHANGED IN:</u>				
\$ 10,239,000.00	See Bond Exchange Schedule for Details		<u>9,931,055.76</u>	<u>4.71</u>
<u>COMMERCIAL PAPER:</u>				
1,500,000.00	Ford Motor Credit Company	100.00	1,500,000.00	5.75
2,150,000.00	General Motors Acceptance Corp.	100.00	2,150,000.00	5.375
1,100,000.00	Sears Roebuck Acceptance Corp.	100.00	1,100,000.00	5.41
	TOTAL - Commercial Paper		<u>4,750,000.00</u>	<u>5.50</u>
	TOTAL - ALL INVESTMENTS ACQUIRED		<u>\$19,704,246.32</u>	<u>5.02%</u>

INVESTMENTS DISPOSED OF

4342

<u>Par Value or No. Shares</u>	<u>Description</u>	<u>Price</u>	<u>Total Net Proceeds</u>	<u>Gain or (Loss)</u>	<u>Market Yield</u>
<u>U.S. GOVERNMENT AGENCY OBLIGATIONS:</u>					
\$ 844.95	GNMA, Pool 92, 8% due 2/15/01	100.00	\$ 844.95	(\$ 13.60)	8.00%
330.13	GNMA, Pool 114, 8% due 1/15/01	100.00	330.13	(77.42)	8.00
811.05	GNMA, Pool 152, 8% due 2/15/01	100.00	811.05	(182.81)	8.00
9,633.73	GNMA, Pool 236, 8% due 1/15/01	100.00	9,633.73	(1,414.23)	8.00
1,266.70	GNMA, Pool 456, 8% due 4/15/01	100.00	1,266.70	(104.12)	8.00
			<u>12,886.56</u>	<u>(1,792.18)</u>	<u>8.00</u>
	TOTAL - U.S. Government Agency Obligations		<u>12,886.56</u>	<u>(1,792.18)</u>	<u>8.00</u>
<u>FHA MORTGAGES:</u>					
75,450.52	Principal Payments	100.00	<u>75,450.52</u>	<u>-0-</u>	<u>6.96</u>
<u>CORPORATE BONDS:</u>					
3,000.00	Boston Edison Co., First Mtge., 4-3/4%, due 11-1-95	71.716	2,151.48	(801.01)	7.25
3,000.00	Duquesne Light Co., First Mtge., 5-1/8% due 2/1/96	77.276	2,318.28	(637.92)	7.15
1,000.00	Georgia Power Co., First Mtge., 4-7/8% due 9/1/95	74.107	741.07	(251.46)	7.15
5,000.00	Houston Lighting & Power, First Mtge., 4-7/8% due 8/1/89	76.05	3,802.50	(1,212.38)	7.30
1,000.00	Philadelphia Electric Co. First & Ref. Mtge, 3-1/8% due 4/1/85	63.26	632.60	(292.15)	7.50
1,000.00	Southern Bell Tel. & Tel., Debs., 6% due 10-01-04	85.25	<u>852.50</u>	<u>(180.24)</u>	<u>7.17</u>
	TOTAL - Corporate Bonds		<u>10,498.43</u>	<u>(3,375.16)</u>	<u>7.25</u>

INVESTMENTS DISPOSED OF (Continued)

1343

<u>Par Value or No. Shares</u>	<u>Description</u>	<u>Price</u>	<u>Total Net Proceeds</u>	<u>Gain or (Loss)</u>	<u>Market Yield</u>
<u>COMMON STOCK:</u>					
31,500	Merck & Co., Inc.	110.00	\$3,465,000.00	\$2,403,816.94	2.00%
7,300	The Upjohn Company	66.171	<u>479,853.10</u>	<u>77,222.93</u>	<u>2.44</u>
	TOTAL - Common Stock		<u>3,944,853.10</u>	<u>2,481,039.87</u>	<u>2.05</u>
	TOTAL - LONG TERM INVESTMENTS		<u>4,043,688.61</u>	<u>2,475,872.53</u>	<u>2.17</u>
<u>BONDS EXCHANGED OUT:</u>					
\$ 10,239,000	See Bond Exchange Schedule for Details		<u>10,192,132.14</u>	<u>-0-</u>	<u>4.70</u>
<u>COMMERCIAL PAPER:</u>					
2,450,000	Ford Motor Credit Co.	100.00	2,450,000.00	-0-	5.35
1,570,000	General Motors Accept. Corporation	100.00	<u>1,570,000.00</u>	<u>-0-</u>	<u>5.36</u>
	TOTAL - Commercial Paper		<u>4,020,000.00</u>	<u>-0-</u>	<u>5.35</u>
	TOTAL - ALL INVESTMENTS DISPOSED OF		<u>\$18,255,820.75</u>	<u>\$2,475,872.53</u>	<u>4.28%</u>

PERMANENT UNIVERSITY FUND

SUMMARY OF BOND EXCHANGES

October, 1971

<u>Exchanges</u>	<u>Par Value Exchanged</u>	<u>Book Value</u>		<u>Principal Takeout or (Payup) Required</u>	<u>Increase in Annual Income*</u>
		<u>Issue Exchanged</u>	<u>Issue Received</u>		
Corporate Bonds for Corporate Bonds	\$ 7,239,000	\$ 7,142,996.07	\$ 6,851,919.69	\$291,076.38	\$ 15,941.97
U. S. Treasuries for U. S. Treasuries	<u>3,000,000</u>	<u>3,049,136.07</u>	<u>3,079,136.07</u>	(<u>30,000.00</u>)	<u>503.65</u>
TOTAL - All Exchanges (October, 1971)	<u>\$10,239,000</u>	<u>\$10,192,132.14</u>	<u>\$ 9,931,055.76</u>	<u>\$261,076.38</u>	<u>\$ 16,445.62</u>

*Total income improvement includes income from investment of takeout on exchanges at current market yields.

BOND EXCHANGES
(October, 1971)

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>BOOK VALUE</u>		<u>BOOK YIELD IN- CREASE</u>	<u>NEW BOOK YIELD</u>
			<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>		
<u>Corporate Bonds for Corporate Bonds</u>						
\$ 25,000	Philadelphia Electric Co. 1st & Ref. Mtge., 3-1/8%, due 4/1/85	New York Tel. Co. Ref. Mtge., 3%, due 10/15/89	\$ 23,118.69	\$ 21,104.19	.41% \$ 160.26*	4.25%
60,000	Ditto	Pacific Tel. & Tel. Co. Debs., 3-1/8%, due 11/15/89	55,484.85	51,728.85	.40 \$ 344.38	4.24
64,000	Ditto	Virginia Electric & Power Co. 1st & Ref. Mtge., 4-1/2%, due 12/1/93	59,183.84	61,581.92	.90 \$ 466.46	4.74
50,000	Ditto	Utah Power & Light Co. 1st Mtge., 4-5/8%, due 8/1/94	46,237.37	46,465.87	1.33 \$ 609.63	5.17
400,000	Boston Edison Co. 1st Mtge., 4-3/4%, due 11/1/95	Illinois Bell Tel. Co. 1st Mtge., 4-7/8%, due 7/1/97	393,666.17	396,654.17	.07 \$ 198.77	4.93
27,000	Ditto	Georgia Power Co. 1st Mtge., 4-5/8%, due 10/1/94	26,572.47	26,101.86	.01 \$ 15.04	4.87
250,000	Virginia Electric & Power Co. 1st & Ref. Mtge., 4-5/8%, due 9/1/90	Southwestern Bell Tel. Co. Debs., 4-3/4%, due 10/1/92	229,985.29	228,985.29	.13 \$ 319.68	5.43
30,000	Central Ill. Elec. & Gas Co. 1st Mtge., 5%, due 7/1/90	Commonwealth Edison Co. 1st Mtge., 4-5/8%, due 3/1/90	30,756.67	29,357.17	-0- \$ 37.78	4.80
45,000	Ditto	Virginia Electric & Power Co. 1st & Ref. Mtge., 4-1/2%, due 12/1/93	46,135.00	42,883.75	.05 \$ 109.22	4.85

*Total Income Improvement, including income from investment of takeout (payup) on exchange.

BOND EXCHANGES
(October, 1971)

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>ISSUE RECEIVED</u>	<u>BOOK VALUE</u>		<u>BOOK</u>	<u>NEW</u>
				<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>YIELD IN-</u>	<u>BOOK YIELD</u>
						<u>CREASE</u>	
		<u>Corporate Bonds for Corporate Bonds</u>					
\$ 25,000	Central Ill. Elec. & Gas Co. 1st Mtge., 5%, due 7/1/90	Southwestern Bell Tel. Co. Debs., 4-1/2%, due 8/1/97	\$ 25,630.56	\$ 23,361.06	.15%	\$	4.95% 96.31*
50,000	Pacific Gas & Electric Co. 1st & Ref. Mtge., 4-1/2%, due 6/1/90	Florida Power Corp. 1st Mtge., 4-7/8%, due 11/1/95	40,946.16	41,089.16	.20	\$	6.33 80.21
100,000	Georgia Power Co. 1st Mtge., 4-7/8%, due 9/1/95	Michigan Bell Tel. Co. Debs., 4-5/8%, due 8/1/96	99,252.53	95,550.53	.01	\$	4.94 104.70
200,000	Ditto	American Tel. & Tel. Co. Debs., 4-3/4%, due 6/1/98	198,505.06	193,457.06	.04	\$	4.97 207.12
100,000	Ditto	Georgia Power Co. 1st Mtge., 4-1/2%, due 11/1/93	99,252.53	94,662.53	-.03	\$	4.90 89.56
100,000	Ditto	Illinois Bell Tel. Co. 1st Mtge., 4-3/8%, due 3/1/94	99,252.53	93,645.53	-.09	\$	4.84 59.82
25,000	Ditto	Illinois Bell Tel. Co. 1st Mtge., 4-3/8%, due 7/1/2003	24,813.13	22,295.63	.13	\$	5.06 93.68
54,000	Ditto	New England Tel. & Tel. Co. Debs., 4-5/8%, due 4/1/99	53,596.37	50,786.21	.10	\$	5.03 123.01
125,000	Ditto	West Penn Power Co. 1st Mtge., 4-7/8%, due 12/1/95	124,065.66	123,293.16	.04	\$	4.97 69.17
100,000	Ditto	Pacific Gas & Electric Co. 1st & Ref. Mtge., 4-5/8%, due 6/1/97	99,252.53	95,145.53	.03	\$	4.96 134.10
25,000	Ditto	Southwestern Electric Power Co. 1st Mtge., 4-3/8%, due 4/1/93	24,813.13	22,618.88	.18	\$	5.11 97.10

L & I Report - 10

1346

BOND EXCHANGES
(October, 1971)

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>BOOK VALUE</u>		<u>BOOK</u>	<u>NEW</u>
			<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>YIELD IN-- CREASE</u>	<u>BOOK YIELD</u>
<u>Corporate Bonds for Corporate Bonds</u>						
\$ 20,000	Georgia Power Co. 1st Mtge., 4-7/8%, due 9/1/95	Pacific Gas & Electric Co. 1st & Ref. Mtge., 4-3/8%, due 6/1/94	\$ 19,850.51	\$ 18,015.11	.19%	5.12% \$ 81.40*
50,000	Ditto	Wisconsin Tel. Co. Debs., 4-7/8%, due 5/1/95	49,626.27	48,572.77	.16	5.09 \$ 104.78
105,000	Idaho Power Co. 1st Mtge., 4-1/2%, due 1/1/87	Southern Elec. Generating Co. 1st Mtge., 5-1/4%, Ser. 1961, due 6/1/92	98,360.23	98,915.68	.63	5.73 \$ 609.84
70,000	Ditto	Florida Power Corp. 1st Mtge., 4-1/8%, due 7/1/88	65,573.49	61,373.49	.14	5.24 \$ 186.72
12,000	Monongahela Power Co. 1st Mtge., 3-5/8%, due 12/1/83	Dow Chemical Co. Prom. Notes, 5%, due 4/1/91	11,347.87	11,917.87	.87	5.06 \$ 84.81
44,000	Ditto	Southern Elec. Generating Co. 1st Mtge., 5-1/4%, Ser. 1959, due 6/1/92	41,608.85	43,684.77	1.12	5.31 \$ 420.56
20,000	Ditto	Florida Power Corp. 1st Mtge., 4-1/8%, due 7/1/88	18,913.12	18,688.12	.50	4.69 \$ 100.89
24,000	Ditto	Virginia Electric & Power Co. 1st & Ref. Mtge., 4-1/2%, due 5/1/95	22,695.74	22,335.74	.81	5.00 \$ 192.84
25,000	Pacific Gas & Electric Co. 1st & Ref. Mtge., 4-1/2%, due 6/1/96	Southwestern Public Service Co. 1st Mtge., 4-3/8%, due 1/1/93	24,122.83	23,089.83	.22	4.96 \$ 79.32
20,000	Ditto	Southwestern Electric Power Co. 1st Mtge., 4-3/8%, due 4/1/93	19,298.26	18,441.06	.23	4.97 \$ 66.07

L & I Report - 11

1347

BOND EXCHANGES
(October, 1971)

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>ISSUE RECEIVED</u>	<u>BOOK VALUE</u>		<u>BOOK</u>	<u>NEW</u>
				<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>YIELD IN- CREASE</u>	<u>BOOK YIELD</u>
		<u>Corporate Bonds for Corporate Bonds</u>					
\$ 20,000	Pacific Gas & Electric Co. 1st & Ref. Mtge., 4-1/2%, due 6/1/96	Union Electric Co. 1st Mtge., 4-1/2%, due 4/1/95	\$ 19,298.26	\$ 18,460.26	.32%	5.06%	\$ 82.20*
22,000	Ditto	Carolina Power & Light Co. 1st Mtge., 4-1/2%, due 7/1/94	21,228.09	20,845.29	.15	4.89	\$ 41.83
31,000	Northern Ind. Pub. Serv. Co. 1st Mtge., 4-1/2%, due 1/15/89	Ditto	28,883.01	27,294.26	.32	5.42	\$ 125.48
100,000	Ditto	Niagara Mohawk Power Corp. Gen. Mtge., 4-3/4%, due 4/1/90	93,171.01	92,492.01	.30	5.40	\$ 293.78
100,000	Ditto	Pacific Gas & Electric Co. 1st & Ref. Mtge., 4-5/8%, due 6/1/92	93,171.01	91,806.01	.18	5.28	\$ 198.02
25,000	Ditto	Virginia Electric & Power Co. 1st & Ref. Mtge., 4-5/8%, due 9/1/90	23,292.75	22,641.50	.33	5.43	\$ 90.34
25,000	Ditto	Virginia Electric & Power Co. 1st & Ref. Mtge., 3-7/8%, due 6/1/88	23,292.76	21,324.01	.10	5.20	\$ 68.58
29,000	Ditto	Mountain States Tel. & Tel. Co. Debs., 6%, due 8/1/07	27,019.60	29,549.85	.77	5.87	\$ 166.81
26,000	General Tel. Co. of Wisconsin 1st Mtge., 4-7/8%, due 6/1/91	Southern Elec. Generating Co. 1st Mtge., 5-1/4%, Ser. 1960, due 6/1/92	25,994.16	25,909.40	.40	5.28	\$ 105.86
50,000	Ditto	General Tel. Co. of California 1st Mtge., 4-1/2%, due 6/1/94	49,988.77	46,983.27	.06	4.94	\$ 106.93

L & I Report - 12

1248

BOND EXCHANGES
(October, 1971)

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>BOOK VALUE</u>		<u>BOOK YIELD IN- CREASE</u>	<u>NEW BOOK YIELD</u>
			<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>		
		<u>Corporate Bonds for Corporate Bonds</u>				
\$ 24,000	General Tel. Co. of Wisconsin 1st Mtge., 4-7/8%, due 6/1/91	General Tel. Co. of Calif. 1st Mtge., 5%, due 12/1/95	\$ 23,994.61	\$ 23,374.69	.31% \$ 88.70*	5.19%
45,000	Houston Lighting & Power Co. 1st Mtge., 4-7/8%, due 8/1/89	Texas Power & Light Co. Debs., 4-1/2%, due 1/1/89	45,133.96	43,144.96	-0- \$ 52.71	4.85
50,000	Northern States Power Co. (Minn.) 1st Mtge., 5%, due 12/1/90	Niagara Mohawk Power Corp. Gen. Mtge., 6-1/4%, due 8/1/97	45,428.49	48,598.49	.68 \$ 276.26	6.47
50,000	Ditto	Virginia Electric & Power Co. 1st & Ref. Mtge., 5-1/8%, due 2/1/97	45,428.48	44,018.48	.27 \$ 142.96	6.06
144,000	Carolina Power & Light Co. 1st Mtge., 4-7/8%, due 4/1/90	Northern States Power Co. (Minn.) 1st Mtge., 5%, due 12/1/90	132,258.21	132,292.77	.11 \$ 144.87	5.70
104,000	Ditto	New York Tel. Co. Ref. Mtge., 4-1/2%, due 5/15/91	95,519.82	90,760.78	-.01 \$ 81.82	5.58
102,000	Ditto	Carolina Power & Light Co. 1st Mtge., 4-1/2%, due 11/1/91	93,682.90	88,848.10	-.01 \$ 83.46	5.58
100,000	Ditto	Philadelphia Electric Co. 1st & Ref. Mtge., 4-1/2%, due 5/1/94	91,845.98	85,072.98	.09 \$ 205.94	5.68
40,000	Ditto	Pacific Tel. & Tel. Co. Debs., 5-1/8%, due 2/1/93	36,738.39	36,823.19	.19 \$ 68.34	5.78
50,000	Cleveland Elec. Illum. Co. 1st Mtge., 3-7/8%, due 3/1/93	Bell Tel. Co. of Pennsylvania Debs., 4-3/4%, due 5/1/2001	45,650.97	48,286.47	.46 \$ 143.32	4.97

L & I Report - 13

4249

BOND EXCHANGES
(October, 1971)

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>BOOK VALUE</u>		<u>BOOK YIELD IN- CREASE</u>	<u>NEW BOOK YIELD</u>
			<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>		
<u>Corporate Bonds for Corporate Bonds</u>						
\$ 50,000	Cleveland Elec. Illum. Co. 1st Mtge., 3-7/8%, due 3/1/93	Southern Bell Tel. & Tel. Co. Debs., 4-3/8%, due 3/1/98	\$ 45,650.97	\$ 46,557.47	.33% \$ 126.53*	4.84%
50,000	Ditto	Southern Bell Tel. & Tel. Co. Debs., 5%, due 12/1/97	45,650.96	50,213.46	.46 \$ 94.56	4.97
444,000	Duquesne Light Co. 1st Mtge., 5-1/8%, due 2/1/96	Virginia Electric & Power Co. 1st & Ref. Mtge., 5-1/8%, due 2/1/97	437,516.86	433,871.62	.05 \$ 299.68	5.28
98,000	Texas Electric Service Co. 1st Mtge., 5-1/8%, due 2/1/96	Southwestern Bell Tel. Co. Debs., 5-7/8%, due 6/1/2003	102,452.14	108,132.22	.40 \$ 279.73	5.21
259,000	Ditto	American Tel. & Tel. Co. Debs., 5-1/2%, due 1/1/97	270,766.38	278,746.17	.15 \$ 203.47	4.96
298,000	Ditto	American Tel. & Tel. Co. Debs., 4-3/4%, due 6/1/98	311,538.16	295,943.82	-.02 \$ 360.30	4.79
100,000	Ditto	Southern Bell Tel. & Tel. Co. Debs., 4-3/8%, due 8/1/2003	104,543.00	93,027.00	-.01 \$ 300.48	4.80
100,000	Ditto	Southwestern Bell Tel. Co. Debs., 4-1/2%, due 8/1/97	104,543.00	96,663.00	-.09 \$ 124.97	4.72
100,000	Ditto	New England Tel. & Tel. Co. Debs., 4-5/8%, due 7/1/2005	104,543.00	95,708.00	.08 \$ 314.23	4.89
45,000	Ditto	Southern Bell Tel. & Tel. Co. Debs., 4-3/8%, due 3/1/98	47,044.35	42,323.40	-.04 \$ 110.07	4.77
25,000	American Tel. & Tel. Co. Debs., 4-3/8%, due 5/1/99	New England Tel. & Tel. Co. Debs., 4-5/8%, due 4/1/99	24,299.84	24,681.84	.17 \$ 30.65	4.71

L & I Report - 14

4350

BOND EXCHANGES
(October, 1971)

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>ISSUE RECEIVED</u>	<u>BOOK VALUE</u>		<u>BOOK</u>	<u>NEW</u>
				<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>YIELD IN- CREASE</u>	<u>BOOK YIELD</u>
		<u>Corporate Bonds for Corporate Bonds</u>					
\$ 40,000		Mtn. States Tel. & Tel. Co. Debs., 6%, due 8/1/2007	Bell Tel. Co. of Pennsylvania Debs., 4-3/4%, due 5/1/2001	\$ 37,993.51	\$ 32,023.11	-.12%	6.24%
						\$	29.63*
19,000	Ditto		Mtn. States Tel. & Tel. Co. Debs., 5-1/2%, due 6/1/2005	18,046.91	16,763.27	-.01	6.35
						\$	12.96
100,000		General Tel. Co. of Wisconsin 1st Mtge., 4-7/8%, due 6/1/91	Texas Power & Light Co. 1st Mtge., 5-1/2%, due 2/1/97	99,977.54	106,436.54	.18	5.06
						\$	22.36
75,000		Southern Bell Tel. & Tel. Co. Debs., 6%, due 10/1/2004	New England Tel. & Tel. Co. Debs., 3-1/4%, due 11/15/91	77,455.82	57,331.07	-.63	5.15
						\$	453.48
40,000	Ditto		Wisconsin Tel. Co. Debs., 4-3/8%, due 5/1/2002	41,309.77	33,327.77	-.27	5.51
						\$	231.45
50,000	Ditto		Mtn. States Tel. & Tel. Co. Debs., 6%, due 8/1/2007	51,637.21	51,262.21	.05	5.83
						\$	43.92
50,000	Ditto		Bell Tel. Co. of Pennsylvania Debs., 4-3/4%, due 5/1/2001	51,637.21	44,107.21	-.21	5.57
						\$	212.07
80,000	Ditto		Northwestern Bell Tel. Co. Debs., 3-1/4%, due 2/1/96	82,619.53	57,822.73	-.53	5.25
						\$	731.00
168,000	Ditto		Chesapeake & Potomac Tel. Co. of Maryland Debs., 4-1/8%, due 12/1/93	173,501.02	141,540.70	-.44	5.34
						\$	701.31
11,000	Ditto		Commonwealth Edison Co. SF Debs., 4-5/8%, due 1/1/2009	11,360.19	9,181.86	-.08	5.70
						\$	79.13
25,000	Ditto		Georgia Power Co. 1st Mtge., 4-7/8%, due 11/1/90	25,818.60	22,911.60	-.52	5.26
						\$	78.80

L & I Report - 15

1351

BOND EXCHANGES
(October, 1971)

<u>PAR</u> <u>VALUE</u>	<u>ISSUE</u> <u>EXCHANGED</u>	<u>DESCRIPTION</u>	<u>BOOK VALUE</u>		<u>BOOK</u>	<u>NEW</u>
			<u>ISSUE</u> <u>EXCHANGED</u>	<u>ISSUE</u> <u>RECEIVED</u>	<u>YIELD</u> <u>IN-</u> <u>CREASE</u>	<u>BOOK</u> <u>YIELD</u>
		<u>Corporate Bonds for Corporate Bonds</u>				
\$ 450,000	Pacific Tel. & Tel. Co. Debs., 4-5/8%, due 5/1/2000	Bell Tel. Co. of Pennsylvania Debs., 4-3/4%, due 5/1/2001	\$ 439,891.62	\$ 443,275.62	.07%	4.84%
					\$	217.91*
50,000	Ditto	Pacific Northwest Bell Tel. Co. Debs., 4-1/2%, due 4/1/2003	48,876.85	46,966.85	.06	4.83
					\$	80.32
100,000	Southern Bell Tel. & Tel. Co. Debs., 6%, due 10/1/2004	Mtn. States Tel. & Tel. Co. Debs., 4-1/2%, due 6/1/2002	103,274.42	85,274.42	-.28	5.50
					\$	424.08
100,000	Ditto	Cincinnati & Sub. Bell Tel. Co. Debs., 4-1/2%, due 10/1/93	103,274.42	88,468.42	-.38	5.40
					\$	233.69
30,000	Ditto	New York Tel. Co. Ref. Mtge., 3-3/8%, due 4/1/96	30,982.33	22,338.43	.54	5.24
					\$	203.21
350,000	Illinois Bell Tel. Co. 1st Mtge., 4-7/8%, due 7/1/97	Pacific Tel. & Tel. Co. Debs., 4-5/8%, due 5/1/2000	357,480.53	343,575.03	.01	4.74
					\$	419.54
100,000	Ditto	New England Tel. & Tel. Co. Debs., 4-5/8%, due 7/1/2005	102,137.30	96,719.30	.09	4.82
					\$	237.13
100,000	Ditto	Northwestern Bell Tel. Co. Debs., 4-3/8%, due 3/1/2003	102,137.30	94,164.30	-0-	4.73
					\$	220.86
100,000	Ditto	Southern Bell Tel. & Tel. Co. Debs., 4-3/8%, due 3/1/98	102,137.29	95,955.29	-.09	4.64
					\$	84.89
50,000	Ditto	Southern Bell Tel. & Tel. Co. Debs., 4-3/8%, due 8/1/2003	51,068.65	46,569.15	.07	4.80
					\$	157.23
50,000	Ditto	New York Tel. Co. Ref. Mtge., 4-1/4%, due 1/1/2000	51,068.65	46,412.65	-.02	4.71
					\$	119.69
50,000	Ditto	New York Tel. Co. Ref. Mtge., 3-3/8%, due 4/1/96	51,068.64	42,240.64	-.31	4.42
					\$	113.59

L & I Report - 16

1052

BOND EXCHANGES
(October, 1971)

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>ISSUE RECEIVED</u>	<u>BOOK VALUE</u>		<u>BOOK</u>	<u>NEW</u>
				<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>IN- CREASE</u>	<u>BOOK YIELD</u>
		<u>Corporate Bonds for Corporate Bonds</u>					
\$ 80,000	Ohio Edison Co. 1st Mtge., 3-1/4%, due 1/1/84	Connecticut Light & Power Co. 1st & Ref. Mtge., 3-7/8%, due 1/1/88	\$ 77,402.53	\$ 76,686.53	.66%	4.23%	\$ 534.27*
20,000	Ditto	Public Service Co. of Colo. 1st Mtge., 4-5/8%, due 5/1/89	19,350.63	20,367.43	.90	4.47	\$ 143.34
<u>\$ 7,239,000</u>	Total Exchange of Corporate Bonds for Corporate Bonds (October, 1971)		<u>\$ 7,142,996.07</u>	<u>\$ 6,851,919.69</u>	<u>\$ 15,941.97</u>		(Total Income Improvement)

BOND EXCHANGES
(October, 1971)

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>ISSUE RECEIVED</u>	<u>BOOK VALUE</u>		<u>BOOK</u>	<u>NEW</u>
				<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>YIELD IN- CREASE</u>	<u>BOOK YIELD</u>
		<u>U. S. Treasuries for U. S. Treasuries</u>					
\$ 1,000,000	U. S. Treasury Bonds 4-1/8%, due 5/15/94-89	U. S. Treasury Bonds 4-1/4%, due 8/15/92-87		\$ 1,016,378.69	\$ 1,026,378.69	.04%	4.03%
						\$	159.55*
1,000,000	Ditto	Ditto		1,016,378.69	1,026,378.69	.04	4.03
						\$	159.55
1,000,000	Ditto	Ditto		1,016,378.69	1,026,378.69	.04	4.03
						\$	184.55
<u>\$ 3,000,000</u>	Total Exchange of U. S. Treasuries for U. S. Treasuries (October, 1971)			<u>\$ 3,049,136.07</u>	<u>\$ 3,079,136.07</u>	<u>\$</u>	<u>503.65</u> (Total Income Improvement)

L & J Report - 18

*Total Income Improvement, including income from investment of takeout (payup) on exchange.

1354

BOND PURCHASES
(October, 1971)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>UNIT</u>	<u>COST TOTAL</u>	<u>YIELD</u>
<u>U. S. Government Obligations</u>				
\$ 510,000	GNMA, Pass Through Pool #1029, 6-1/2%, due 12/15/2001	\$ 93.50	\$ 476,850.00	7.16%
<u>Corporate Bonds</u>				
9,000	Georgia Power Co., 1st Mtge., 4-5/8%, due 10/1/94	69.973	6,297.57	7.35
9,000	Southern Electric Generating Co., 1st Mtge., 5-1/4%, Series 1961, due 6/1/92	74.029	6,662.61	7.80
8,800	Dow Chemical Co., Promissory Notes, 5%, due 4/1/91	73.25	6,446.00	7.66
1,000	Mountain States Tel. & Tel. Co., Debs., 6.90%, due 8/1/2007	81.35	813.50	7.50
1,000	Southern Electric Generating Co., 1st Mtge., 5-1/4%, Series 1960, due 6/1/92	72.424	724.24	8.00
6,000	Northern States Power Co. (Minn.), 1st Mtge., 5%, due 12/1/90	76.477	4,588.62	7.30
2,000	Southwestern Bell Tel. Co., Debs., 5-7/8%, due 6/1/2003	83.551	1,671.02	7.20
2,000	New England Tel. & Tel. Co., Debs., 4-5/8%, due 4/1/99	68.028	1,360.56	7.35
11,000	Mountain States Tel. & Tel. Co., Debs., 5-1/2%, due 6/1/2005	76.79	8,446.90	7.37
600,000	Beneficial Finance Co., Notes, 5-1/4%, due 12/1/79	84.62	507,720.00	7.86
<u>6,000</u>	Florida Power & Light Co., 1st Mtge., 3-5/8%, due 4/1/86	66.50	<u>3,990.00</u>	<u>7.45</u>
<u>655,800</u>	Total Corporate Bonds		<u>548,721.02</u>	<u>7.83</u>
<u>\$ 1,165,800</u>	TOTAL BONDS PURCHASED		<u>\$ 1,025,571.02</u>	<u>7.52%</u>

L & I Report - 19

1355

BOND SALES AND MATURITIES
(October, 1971)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>U. S. Government Obligations</u>				
\$ 330	GNMA, Pool #114, 8%, due 1/15/2001	\$ 330.13	(\$ 77.42)	8.00%
1,267	GNMA, Pool #456, 8%, due 4/15/2001	1,266.70	(104.12)	8.00
811	GNMA, Pool #152, 8%, due 2/15/2001	811.05	(182.81)	8.00
9,634	GNMA, Pool #236, 8%, due 1/15/2001	9,633.73	(1,414.23)	8.00
<u>845</u>	GNMA, Pool #92, 8%, due 2/15/2001	<u>844.95</u>	(<u>13.60</u>)	<u>8.00</u>
<u>12,887</u>	Total U. S. Government Obligations	<u>12,886.56</u>	(<u>1,792.18</u>)	<u>8.00</u>
<u>Corporate Bonds</u>				
3,000	Boston Edison Co., 1st Mtge., 4-3/4%, due 11/1/95	2,151.48	(801.01)	7.25
1,000	Philadelphia Electric Co., 1st & Ref. Mtge., 3-1/8%, due 4/1/85	632.60	(292.15)	7.50
1,000	Georgia Power Co., 1st Mtge., 4-7/8%, due 9/1/95	741.07	(251.46)	7.15
5,000	Houston Lighting & Power Co., 1st Mtge., 4-7/8%, due 8/1/89	3,802.50	(1,212.38)	7.30
3,000	Duquesne Light Co., 1st Mtge., 501/8%, due 2/1/96	2,318.28	(637.92)	7.15
<u>1,000</u>	Southern Bell Tel. & Tel. Co., Debs., 6%, due 10/1/2004	<u>852.50</u>	(<u>180.24</u>)	<u>7.17</u>
<u>14,000</u>	Total Corporate Bonds	<u>10,498.43</u>	(<u>3,375.16</u>)	<u>7.25</u>
<u>\$ 26,887</u>	TOTAL BONDS SOLD AND REDEEMED	<u>\$ 23,384.99</u>	(<u>\$ 5,167.34</u>)	<u>7.66%</u>

CASH STATEMENT
October 31, 1971

	Permanent Fund	Available Fund
<u>RECEIPTS:</u>		
From General Land Office	\$ 1,496,336.06	
From Disposition of Securities:		
U. S. Government Agency Obligations	12,886.56	
F.H.A. Mortgages	75,450.52	
Corporate Bonds	10,498.43	
Common Stock	3,944,853.10	
Commercial Paper	4,020,000.00	
Bonds Exchanged - Net Receipts	261,076.38	
Interest Collected:		
U. S. Bonds		\$ 30,349.85
U. S. Government Agency Obligations		36,943.96
F.H.A. Mortgages		84,102.21
Corporate Bonds		789,017.43
Convertible Debentures		177,761.84
Commercial Paper		44,273.87
Dividends Collected:		
Common & Preferred Stock		648,104.92
Amortization of Premium	3,859.32	
Accounts Receivable Collected	95,892.14	
TOTAL RECEIPTS	9,920,852.51	1,810,554.08
Cash on Hand 10/1/71	1,002,592.08	-0-
TOTAL RECEIPTS AND CASH	\$ 10,923,444.59	\$ 1,810,554.08

CASH STATEMENT
October 31, 1971
(Continued)

	Permanent Fund	Available Fund
<u>DISBURSEMENTS:</u>		
Securities Acquired:		
U. S. Government Agency Obligations	\$ 476,850.00	
Corporate Bonds	548,721.02	
Common Stock	3,997,619.54	
Commercial Paper	4,750,000.00	
Amortization of Discount	27,517.48	
Cash Payments Made in October, 1971, on Security Transactions with Settlement in November, 1971.	53,597.55	
To Clear Out Available Fund		\$ 1,810,554.08
TOTAL DISBURSEMENTS	9,854,305.59	1,810,554.08
TOTAL RECEIPTS AND CASH OVER DISBURSEMENTS	1,069,139.00	
DEDUCT: Accounts Receivable	19,160.00	
ADD: Cash Payments Made in September, 1971, on Security Transactions Settled in October, 1971.	1,394.69	
CASH ON HAND, 10/31/71	\$1,051,373.69	-0-

SUMMARY

- Permanent University Fund Book Value -		
9/30/71 Balance		\$600,927,250.22
Additions (October, 1971)		
Realized Net Gain (Loss) on Security Transactions	\$2,475,872.53	
From General Land Office	1,496,336.06	3,972,208.59
10/31/71 Balance		\$604,899,458.81

For Month Ended November 30, 1971

I. PERMANENT UNIVERSITY FUND

PERMANENT UNIVERSITY FUND - INVESTMENT MATTERS. --

REPORT OF SECURITIES TRANSACTIONS. --The following securities transactions have been made for the Permanent University Fund in November, 1971. The Associate Deputy Chancellor for Investments, Trusts and Lands recommends approval by the Board of Regents of these transactions.

SECURITY	COMPARISON SUMMARY OF ASSETS			
	BOOK VALUE 8/31/71	BOOK YIELD 8/31/71	BOOK VALUE 11/30/71	BOOK YIELD 11/30/71
<u>FIXED INCOME SECURITIES:</u>				
J. S. Government Obligations --				
U.S. Treasury Bonds	\$107,723,291.67	4.26%	\$106,697,947.80	4.28%
U.S. Govt. Agencies	5,438,875.36	6.81	10,494,160.18	7.14
FHA Mortgages	15,622,444.51	6.83	15,866,899.07	6.85
TOTAL - U.S. Government Obligations	128,784,611.54	4.68	133,059,007.05	4.81
Corporate Bonds	234,360,279.62	4.91	236,106,508.79	4.92
TOTAL-FIXED INCOME SECURITIES	363,144,891.16	4.83	369,165,515.84	4.88
<u>EQUITY SECURITIES:</u>				
Convertible Debentures	14,933,307.87	4.97	14,434,566.47	5.14
Convertible Preferred Stocks	15,848,192.03	4.16	15,848,192.03	4.16
Common Stocks	184,688,881.95	4.30	192,584,429.14	4.24
TOTAL-EQUITY SECURITIES	215,470,381.85	4.34	222,867,187.64	4.29
TOTAL-LONG TERM INVESTMENTS	578,615,273.01	4.65	592,032,703.48	4.66

COMPARISON
SUMMARY OF ASSETS
(Continued)

SECURITY	BOOK VALUE 8/31/71	BOOK YIELD 8/31/71	BOOK VALUE 11/30/71	BOOK YIELD 11/30/71
<u>CASH & EQUIVALENT:</u>				
Commercial Paper	\$ 15,750,000.00	5.45%	\$ 14,670,000.00	5.40%
Investment Transactions--				
Accounts Receivable	-0-		91,972.03	
Accounts Payable	-0-		-0-	
Cash	483,744.55		200,466.28	
TOTAL - CASH & EQUIVALENT	<u>16,233,744.55</u>		<u>14,962,438.31</u>	
TOTAL - SECURITIES CASH & EQUIVALENT	<u>\$594,849,017.56</u>	<u>4.67%</u>	<u>\$606,995,141.79</u>	<u>4.67%</u>

SUMMARY OF TRANSACTIONS

	Cost	Yield
Purchases:		
U. S. Bonds	\$ 501,640.63	5.94%
U.S. Government Agency Obligations:		
GNMA	1,314,542.52	7.11
FHA	404,674.63	7.51
Corporate Bonds	1,227,896.39	7.47
Convertible Debentures	1,000,000.00	6.50
Common Stock	5,361,774.13	4.43
TOTAL - LONG TERM PURCHASES	<u>\$9,810,528.30</u>	<u>5.58%</u>

SUMMARY OF TRANSACTIONS
(Continued)

	Proceeds	Gain or (Loss)	Yield
Sales:			
U.S. Government Agency Obligations:			
GNMA Principal Payments	\$ 34,811.02	(\$ 4,011.54)	8.00%
FHA Mortgages	42,672.24	-0-	6.96
Corporate Bonds	742.88	(243.66)	7.10
Convertible Debentures	<u>2,107,490.00</u>	<u>608,748.60</u>	<u>2.47</u>
TOTAL -LONG TERM SALES	<u>\$2,185,716.14</u>	<u>\$604,493.40</u>	<u>2.52%</u>

BOND EXCHANGES

Par Exchanged	Increase in
\$14,025,000.00	Annual Income
	\$30,054.94

Permanent University Fund Book Value

October 31, 1971 Balance		\$604,899,458.81
Additions (November, 1971)		
Realized Net Gain (Loss) on Security Transactions	\$ 604,493.40	
From General Land Office	<u>1,491,189.58</u>	<u>2,095,682.98</u>
November 30, 1971 Balance		<u>\$606,995,141.79</u>

INVESTMENTS ACQUIRED

1362

Per Value or No. Shares	Description	Price	Total Cost	Yield
<u>U. S. BONDS:</u>				
\$ 500,000	U.S. Treasury Notes, 6%, due 11/15/78	100.328	\$ 501,640.63	5.94%
<u>U. S. GOVERNMENT AGENCY OBLIGATIONS:</u>				
1,398,449	GNMA, Pool 905, 6-1/2%, due 7/15/01	94.00	1,314,542.52	7.11
<u>FHA MORTGAGES:</u>				
432,807	Various FHA Mortgages, 6-1/2%, due 6/1/84	93.50	404,674.63	7.51
<u>CORPORATE BONDS:</u>				
50,000	Carolina Power & Light, First Mtge., 5-1/8%, due 4/1/96	73.50	36,750.00	7.50
7,000	Central Illinois Public Service, First Mortgage, 4-1/8%, due 2/1/88	69.369	4,855.83	7.40
7,000	Duke Power Company, First & Ref. Mtge., 4-1/2%, due 2/1/92	71.876	5,031.32	7.15
1,000	Duquesne Light Company, First Mtge., 3-3/4%, due 4/1/88	68.215	682.15	7.05
1,000	General Telephone of California, First Mortgage, 4-1/2%, due 6/1/94	65.50	655.00	7.75
25,000	General Telephone of California, First Mortgage, 6-3/4%, due 12/1/97	89.375	22,343.75	7.70
6,000	Georgia Power Company, First Mtge., 4-1/2%, due 11/1/93	70.457	4,227.42	7.20
267,000	Mountain States Telephone & Telegraph Company, Debs., 7-3/8%, due 11/1/11	100.321	267,857.07	7.38
3,000	Niagara Mohawk Power Corp., Gen. Mtge., 3-7/8%, due 6/1/88	65.875	1,976.25	7.50
10,000	Ohio Edison Company, First Mtge., 4-3/4%, due 6/1/91	74.375	7,437.50	7.22

INVESTMENTS ACQUIRED
(Continued)

1363

Par Value or No. Shares	Description	Price	Total Cost	Yield
<u>CORPORATE BONDS: (Continued)</u>				
\$ 9,000	Pacific Gas & Electric, First & Ref. Mtge., 4-1/2%, due 12/1/86	75.07	\$ 6,756.30	7.25%
20,000	Pennsylvania Power & Light, First Mtge., 4-5/8%, due 12/1/91	71.619	14,323.80	7.35
855,000	Southwestern Electric Power Company, First Mtge., 7-1/2%, due 10/1/01	100.00	<u>855,000.00</u>	<u>7.50</u>
TOTAL - Corporate Bonds			<u>1,227,896.39</u>	<u>7.47</u>
<u>CONVERTIBLE DEBENTURES:</u>				
1,000,000	W.R. Grace & Company, Conv. Sub Debs., 6-1/2%, due 11-15-96	100.00	<u>1,000,000.00</u>	<u>6.50</u>
<u>COMMON STOCK:</u>				
17,700	Federated Department Stores	45.56	809,257.70	2.19
45,703	Firestone Tire & Rubber Company (2-for-1 split)	-0-	-0-	-0-
40,000	Gulf Oil Corporation	26.75	1,070,000.00	5.61
20,000	Kennecott Copper	23.50	473,297.50	4.23
24,000	Oklahoma Gas & Electric	23.875	573,000.00	5.19
5,000	Standard Oil of New Jersey	68.125	340,625.00	5.72
20,000	Texaco, Inc.	30.625	612,500.00	5.22
15,000	Texas Utilities Company	58.00	871,875.00	3.30
15,000	Union Carbide Company	40.53	<u>611,218.93</u>	<u>4.91</u>
TOTAL - Common Stock			<u>5,361,774.13</u>	<u>4.43</u>
TOTAL - LONG TERM INVESTMENTS			<u>9,810,528.30</u>	<u>5.58</u>

INVESTMENTS ACQUIRED
(Continued)

1.364

Par Value or No. Shares	Description	Price	Total Cost	Yield
<u>BONDS EXCHANGED IN:</u>				
\$ 4,025,000	See Bond Exchange Schedule for Details		\$13,679,925.39	4.63%
<u>COMMERCIAL PAPER:</u>				
1,940,000	Ford Motor Credit Company	100.00	1,940,000.00	5.30
500,000	General Motors Acceptance Corp.	100.00	500,000.00	4.375
	TOTAL - Commercial Paper		<u>2,440,000.00</u>	<u>5.11</u>
	TOTAL - ALL INVESTMENTS ACQUIRED		<u>\$25,930,453.69</u>	<u>5.04%</u>

INVESTMENTS DISPOSED OF

Par Value or No. Shares	Description	Price	Total Net Proceeds	Gain or (Loss)	Yield
<u>U.S. GOVERNMENT AGENCY OBLIGATIONS:</u>					
\$ 840.11	GNMA, Pool 92, 8%, due 2/15/01	100.00	\$ 840.11	(\$ 13.54)	8.00%
4,496.60	GNMA, Pool 114, 8%, due 1/15/01	100.00	4,496.60	(1,054.59)	8.00
8,258.18	GNMA, Pool 152, 8%, due 2/15/01	100.00	8,258.18	(1,861.41)	8.00
652.10	GNMA, Pool 236, 8%, due 1/15/01	100.00	652.10	(95.72)	8.00
6,129.16	GNMA, Pool 456, 8%, due 4/15/01	100.00	6,129.16	(503.87)	8.00
14,434.87	GNMA, Pool 650, 8%, due 4/15/01	100.00	14,434.87	(482.41)	8.00
	TOTAL - U.S. Government Agency Obligations		<u>34,811.02</u>	<u>(4,011.54)</u>	<u>8.00</u>

INVESTMENTS DISPOSED OF
(Continued)

Per Value or No. Shares	Description	Price	Total Net Proceeds	Gain or (Loss)	Yield
<u>FHA MORTGAGES:</u>					
\$ 42,672.24	Principal Payments	100.00	\$ 42,672.24	\$ -0-	6.96%
<u>CONVERTIBLE DEBENTURES:</u>					
500,000.00	S. S. Kresge Co., Conv. Sub. Deb., 5%, due 4/15/95	172.00	860,000.00	336,300.00	1.40
1,002,000.00	First National City Bank, Conv. Cap. Notes, 4%, due 7/1/90	124.50	1,247,490.00	272,448.60	3.21
TOTAL - Convertible Debentures			2,107,490.00	608,748.60	2.47
<u>CORPORATE BONDS:</u>					
1,000.00	Ohio Edison Co., First Mtge., 4-1/2%, due 4/1/89	74.288	742.88	(243.66)	7.10
TOTAL - LONG TERM INVESTMENTS			2,185,716.14	604,493.40	2.52
<u>BONDS EXCHANGED OUT:</u>					
14,025,000.00	See Bond Exchange Schedule for Details		13,990,706.18	-0-	4.47
<u>COMMERCIAL PAPER:</u>					
2,900,000.00	Ford Motor Credit Co.	100.00	2,900,000.00	-0-	5.54
2,000,000.00	General Motors Ac- ceptance	100.00	2,000,000.00	-0-	5.40
2,550,000.00	Sears Roebuck Ac- ceptance	100.00	2,550,000.00	-0-	5.33
TOTAL - Commercial Paper			7,450,000.00	-0-	5.43
TOTAL - ALL INVESTMENTS DISPOSED OF			<u>\$23,626,422.32</u>	<u>\$ 604,493.40</u>	<u>4.59%</u>

PERMANENT UNIVERSITY FUND

SUMMARY OF BOND EXCHANGES

November, 1971

Exchanges	Par Value Exchanged	Book Value		Principal Takeout or (Payup) Required	Increase in Annual Income*
		Issue Exchanged	Issue Received		
U. S. Treasury Bonds for Corporate Bonds	\$ 970,000	\$ 985,887.18	\$ 852,492.05	\$133,395.13	\$ 11,642.26
Corporate Bonds for Corporate Bonds	8,055,000	7,924,185.66	7,696,800.00	227,385.66	17,748.87
U. S. Treasuries for U. S. Treasuries	<u>5,000,000</u>	<u>5,080,633.34</u>	<u>5,130,633.34</u>	(<u>50,000.00</u>)	<u>663.81</u>
TOTAL - All Exchanges (November, 1971)	<u>\$14,025,000</u>	<u>\$13,990,706.18</u>	<u>\$13,679,925.39</u>	<u>\$310,780.79</u>	<u>\$ 30,054.94</u>

*Total income improvement includes income from investment of takeout on exchanges at current market yields.

BOND EXCHANGES
(Non-Convertible, 1971)

<u>PAR</u> <u>VALUE</u>	<u>ISSUE</u> <u>EXCHANGED</u>	<u>DESCRIPTION</u>	<u>BOOK VALUE</u>		<u>BOOK</u> <u>YIELD</u> <u>IN-</u> <u>CREASE</u>	<u>NEW</u> <u>BOOK</u> <u>YIELD</u>
			<u>ISSUE</u> <u>EXCHANGED</u>	<u>ISSUE</u> <u>RECEIVED</u>		
		<u>U. S. Treasury Bonds for Corporate Bonds</u>				
\$ 158,000	U. S. Treasury Bonds 4-1/8%, due 5/15/94-89	Bell Tel. Co. of Pennsylvania Debs., 3-1/4%, due 3/1/96	\$ 160,587.81	\$ 121,819.94	.88% \$ 1,831.87*	4.87%
25,000	Ditto	American Tel. & Tel. Co. Debs., 4-3/8%, due 5/1/99	25,409.46	21,642.05	1.32 \$ 359.51	5.31
100,000	Ditto	Consumers Power Co. 1st Mtge., 3-1/4%, due 2/1/90	101,637.85	82,322.23	.71 \$ 963.07	4.70
150,000	Ditto	Pacific Tel. & Tel. Co. Debs., 3-5/8%, due 8/15/91	152,456.78	127,158.34	.84 \$ 1,563.98	4.83
50,000	Ditto	Florida Power Corp. 1st Mtge., 3-7/8%, due 7/1/86	50,818.93	45,236.12	.80 \$ 471.31	4.79
15,000	Ditto	Public Service Co. of Oklahoma 1st Mtge., 5-1/4%, due 3/1/96	15,245.68	14,755.84	1.38 \$ 213.24	5.37
50,000	Ditto	Oklahoma Gas & Electric Co. 1st Mtge., 4-1/4%, due 3/1/93	50,818.93	44,358.62	1.14 \$ 632.31	5.13
25,000	Ditto	Michigan Bell Tel. Co. Debs., 4-5/8%, due 8/1/96	25,409.45	22,657.04	1.32 \$ 353.02	5.31
44,000	Ditto	Pacific Gas & Electric Co. 1st & Ref. Mtge., 4-1/2%, due 6/1/93	44,720.66	40,539.94	1.12 \$ 535.99	5.11
30,000	Ditto	Wisconsin Electric Power Co. 1st Mtge., 5%, due 11/15/90	30,491.36	29,136.67	1.25 \$ 390.75	5.24
23,000	Ditto	Niagara Mohawk Power Corp. Gen. Mtge., 4-3/4%, due 4/1/90	23,376.71	21,482.52	1.33 \$ 322.84	5.32

*Total Income Improvement, including income from investment of takeout (payup) on exchange.

L & I Report - 31

4367

BOND EXCHANGES
(November, 1971)

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>BOOK VALUE</u>		<u>BOOK</u>	<u>NEW</u>
			<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>YIELD IN- CREASE</u>	<u>BOOK YIELD</u>
<u>U. S. Treasury Bonds for Corporate Bonds</u>						
\$ 100,000	U. S. Treasury Bonds 4-1/8%, due 5/15/94-89	Pennsylvania Power Co. 1st Mtge., 4-3/8%, due 6/1/93	\$ 101,637.85	\$ 89,705.35	1.18%	5.17%
					\$ 1,292.40*	
15,000	Ditto	Ohio Power Co. 1st Mtge., 6-1/2%, due 8/1/97	15,245.68	16,042.56	1.98	5.97
					\$ 302.03	
50,000	Ditto	Mountain States Tel. & Tel. Co. Debs., 2-5/8%, due 5/15/86	50,818.93	40,676.68	.38	4.37
					\$ 353.35	
50,000	Ditto	New Jersey Bell Tel. Co. Debs., 4-7/8%, due 11/1/2000	50,818.93	47,300.68	1.25	5.24
					\$ 660.22	
25,000	Ditto	Alabama Power Co. 1st Mtge., 4-3/8%, due 5/1/93	25,409.46	22,143.83	1.28	5.27
					\$ 347.44	
27,000	Ditto	Utah Power & Light Co. 1st Mtge., 4-7/8%, due 9/1/90	27,442.22	25,535.34	1.34	5.33
					\$ 379.55	
33,000	Ditto	Mountain States Tel. & Tel. Co. Debs., 7-3/8%, due 11/1/2011	33,540.49	39,978.30	1.99	5.98
					\$ 669.38	
<u>\$ 970,000</u>	<u>Total Exchange of U. S. Treasury Bonds for Corporate Bonds</u> (November, 1971)		<u>\$ 985,887.18</u>	<u>\$ 852,492.05</u>	<u>\$ 11,642.26</u>	<u>(Total Income Improvement)</u>

L & I Report - 32

1368

BOND EXCHANGES
(November, 1971)

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>BOOK VALUE</u>		<u>BOOK YIELD IN- CREASE</u>	<u>NEW BOOK YIELD</u>
			<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>		
		<u>Corporate Bonds for Corporate Bonds</u>				
\$ 125,000	New England Tel. & Tel. Co. Debs., 4-5/8%, due 4/1/99	Southern Bell Tel. & Tel. Co. Debs., 4-3/4%, due 9/1/2000	\$ 122,940.36	\$ 123,684.11	.09% \$ 90.71*	4.82%
25,000	Southern New England Tel. Co. Debs., 3-1/4%, due 6/1/89	General Tel. Co. of California 1st Mtge., 4-1/2%, due 6/1/94	20,020.65	21,145.65	.80 \$ 140.25	5.73
189,000	Georgia Power Co. 1st Mtge., 4-7/8%, due 9/1/95	Georgia Power Co. 1st Mtge., 4-1/2%, due 11/1/93	187,587.28	178,887.61	-.03 \$ 169.92	4.90
100,000	Ditto	Central Illinois Public Serv. Co. 1st Mtge., 4-5/8%, due 6/1/95	99,252.53	95,423.53	.03 \$ 127.04	4.96
50,000	Ditto	Florida Power Corp. 1st Mtge., 4-5/8%, due 4/1/95	49,626.27	47,408.27	.07 \$ 90.18	5.00
52,000	Ditto	Bell Tel. Co. of Pennsylvania Debs., 4-3/4%, due 5/1/2001	51,611.32	49,567.72	.13 \$ 116.96	5.06
63,000	Ditto	Houston Lighting & Power Co. 1st Mtge., 4-1/2%, due 8/1/92	62,529.09	60,058.23	-.07 \$ 21.46	4.86
110,000	Ditto	Houston Lighting & Power Co. 1st Mtge., 5-1/4%, due 4/1/96	109,177.78	112,576.78	.15 \$ 81.51	5.08
52,000	Ditto	New York Tel. Co. Ref.Mtge., 4-5/8%, due 1/1/2002	51,611.32	48,659.80	.11 \$ 129.37	5.04
149,000	Ditto	Pacific Gas & Electric Co. 1st & Ref. Mtge., 4-3/8%, due 6/1/94	147,886.27	139,053.55	-.06 \$ 143.57	4.87

*Total Income Improvement, including income from investment of takeout (payup) on exchange.

BOND EXCHANGES
(November, 1971)

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>BOOK VALUE</u>		<u>BOOK</u>	<u>NEW</u>
			<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>IN- CREASE</u>	<u>BOOK YIELD</u>
		<u>Corporate Bonds for Corporate Bonds</u>				
\$ 70,000	Georgia Power Co. 1st Mtge., 4-7/8%, due 9/1/95	Public Service Elec. & Gas Co. \$ 1st & Ref. Mtge., 4-3/8%, due 8/1/92	\$ 69,476.77	\$ 64,935.17	.01% \$ 123.22*	4.94%
100,000	Ditto	Southern Bell Tel. & Tel. Co. Debs., 4-3/8%, due 3/1/98	99,252.53	92,377.53	-.04 \$ 139.74	4.89
55,000	Ditto	Southwestern Bell Tel. Co. Debs., 4-1/2%, due 8/1/97	54,588.89	51,502.84	.01 \$ 84.46	4.94
25,000	Ditto	Illinois Power Co. 1st Mtge., 4-1/4%, due 1/1/93	24,813.13	22,994.13	-.07 \$ 30.65	4.86
34,000	Ditto	Pacific Northwest Bell Tel. Co. Debs., 4-1/2%, due 11/1/94	33,745.86	31,837.10	.04 \$ 61.79	4.97
50,000	Ditto	Chesapeake & Potomac Tel. Co. of Virginia Debs., 5-1/4%, due 5/1/2005	49,626.26	50,072.76	.31 \$ 143.75	5.24
51,000	Ditto	Public Service Co. of Colorado 1st Mtge., 4-1/2%, due 6/1/94	50,618.79	47,867.34	.03 \$ 85.07	4.96
25,000	Ditto	Texas Power & Light Co. 1st Mtge., 5%, due 2/1/96	24,813.14	24,781.89	.13 \$ 33.01	5.06
30,000	Ditto	Public Service Co. of Colorado 1st Mtge., 4-1/2%, due 6/1/94	29,775.76	28,032.76	.06 \$ 61.62	4.99
35,000	Ditto	Southwestern Public Service Co. 1st Mtge., 4-5/8%, due 2/1/95	34,738.39	33,054.89	.10 \$ 76.32	5.03
100,000	Ditto	New Jersey Bell Tel. Co. Debs., 3-7/8%, due 4/1/93	99,252.53	88,562.53	-.20 \$ 97.61	4.73

L & I Report - 34

1370

BOND EXCHANGES
(November, 1971)

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>BOOK VALUE</u>		<u>BOOK</u>	<u>NEW</u>
			<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>IN- CREASE</u>	<u>BOOK YIELD</u>
<u>Corporate Bonds for Corporate Bonds</u>						
\$ 65,000	Union Pacific Railroad Co. Ref.Mtge., 2-1/2%, due 3/1/91	Bell Tel. Co. of Pennsylvania Debs., 3-1/4%, due 3/1/96	\$ 49,616.45	\$ 49,457.20	.65%	4.95%
					\$ 326.56*	
60,000	Ditto	Michigan Bell Tel. Co. Debs., 3-1/8%, due 10/15/88	45,799.81	48,496.81	.48	4.78
					\$ 146.48	
16,000	Ditto	Niagara Mohawk Power Corp. Gen. Mtge., 4-1/2%, due 11/1/91	12,213.28	14,268.96	1.09	5.39
					\$ 89.75	
10,000	El Paso Electric Co. 1st Mtge., 3-1/8%, due 3/1/84	Baltimore Gas & Electric Co. 1st Ref. Mtge. SF, 4-1/2% due 7/15/94	9,559.90	9,851.90	1.05	4.61
					\$ 91.94	
15,000	Ditto	Niagara Mohawk Power Corp. Gen. Mtge., 4-1/2%, due 11/1/91	14,339.84	14,786.84	1.04	4.60
					\$ 136.17	
25,000	Ditto	Northern States Power Co. (Wisc.) 1st Mtge., 4-1/2%, due 8/1/94	23,899.74	24,221.49	1.16	4.72
					\$ 268.29	
50,000	Ditto	Pacific Gas & Electric Co. 1st & Ref. Mtge., 4-3/8%, due 6/1/94	47,799.48	48,839.98	.98	4.54
					\$ 437.64	
224,000	Southern Calif. Edison Co. 1st & Ref. Mtge., 4-1/4%, due 11/1/87	Duquesne Light Co. 1st Mtge., 3-3/4%, due 4/1/88	222,362.15	209,860.71	-.02	4.29
					\$ 356.82	
146,000	Ditto	Ohio Edison Co. 1st Mtge., 4-1/2%, due 4/1/89	144,932.47	146,192.45	.18	4.49
					\$ 222.95	
100,000	Ditto	Pacific Gas & Electric Co. 1st & Ref. Mtge., 5%, due 6/1/91	99,268.82	103,886.82	.38	4.69
					\$ 247.45	

L & I Report - 35

1371

BOND EXCHANGES
(November, 1971)

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>BOOK VALUE</u>		<u>BOOK</u>	<u>NEW</u>
			<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>YIELD IN- CREASE</u>	<u>BOOK YIELD</u>
<u>Corporate Bonds for Corporate Bonds</u>						
\$ 100,000	Southern Calif. Edison Co. 1st & Ref. Mtge., 4-1/4%, due 11/1/87	Public Service Co. of Oklahoma \$ 1st Mtge., 3-7/8%, due 5/1/88	99,268.82	\$ 94,432.82	.04%	4.35%
					\$	192.04*
100,000	Ditto	Union Electric Co. 1st Mtge., 4-1/2%, due 11/1/93	99,268.82	97,627.82	.36	4.67
					\$	403.81
10,000	Ditto	Houston Lighting & Power Co. 1st Mtge., 4-1/2%, due 8/1/92	9,926.88	9,620.28	.48	4.79
					\$	55.96
67,000	American Tel. & Tel. Co. Debs., 5-1/8%, due 4/1/2001	Ohio Bell Tel. Co. Debs., 5%, due 2/1/2006	68,002.60	65,243.54	.14	5.16
					\$	159.77
21,000	Ditto	American Tel. & Tel. Co. Debs., 5-1/8%, due 4/1/2001	21,314.25	21,001.56	.01	5.03
					\$	9.85
193,000	Virginia Electric & Power Co. 1st & Ref. Mtge., 4-5/8%, due 9/1/90	Duke Power Co. 1st & Ref. Mtge., 4-1/2%, due 2/1/92	177,548.64	173,265.97	.02	5.32
					\$	128.87
50,000	American Tel. & Tel. Co. Debs., 2-5/8%, due 7/1/86	Bell Tel. Co. of Pennsylvania Debs., 3-1/4%, due 3/1/96	39,604.08	37,184.08	.55	5.10
					\$	275.90
145,000	Orange & Rockland Utilities, Inc. 1st Mtge., 4-7/8%, due 4/15/91	Southwestern Electric Power Co. 1st Mtge., 7-1/2%, due 10/1/2001	131,149.37	168,573.87	.60	6.29
					\$	334.06
300,000	Beneficial Finance Co. Debs., 4-1/2%, due 3/1/92	Beneficial Finance Co. Debs., 4-3/4%, due 5/15/93	295,423.80	298,843.80	.16	4.78
					\$	379.65
10,000	Ditto	Mississippi Power & Light Co. 1st Mtge., 4-5/8%, due 3/1/95	9,847.46	9,519.46	.36	4.98
					\$	43.72

L & I Report - 36

1372

BOND EXCHANGES
(November, 1971)

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>BOOK VALUE</u>		<u>BOOK YIELD IN- CREASE</u>	<u>NEW BOOK YIELD</u>
			<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>		
		<u>Corporate Bonds for Corporate Bonds</u>				
\$ 250,000	Southwestern Bell Tel. Co. Debs., 4-3/4%, due 10/1/92	American Tel. & Tel. Co. Debs., 4-3/8%, due 5/1/99	\$ 228,985.29	\$ 210,647.79	.06% \$ 505.97*	5.49%
200,000	Monongahela Power Co. 1st Mtge., 5-1/2%, due 3/1/96	Arizona Public Service Co. 1st Mtge., 4.40%, due 12/1/92	194,614.63	167,274.63	.05 \$ 575.76	5.75
50,000	Ditto	Virginia Electric & Power Co. 1st & Ref. Mtge., 7-3/8%, due 3/1/2001	48,653.66	58,443.66	.43 \$ 75.09	6.13
100,000	Sunray DX Oil Co. SF Debs., 4-1/4%, due 5/1/87	Consolidated Natural Gas Co. Debs., 4-3/8%, due 2/1/86	98,837.53	98,679.53	.15 \$ 153.00	4.50
43,000	Lone Star Gas Co. SF Debs., 4-3/8%, due 9/1/88	Central Ill. Public Service Co. 1st Mtge., 4-1/8%, due 2/1/88	43,000.00	41,008.67	.15 \$ 125.79	4.53
100,000	Ditto	Gulf States Utilities Co. 1st Mtge., 5%, due 1/1/96	100,000.00	100,530.00	.58 \$ 571.54	4.96
47,000	Ditto	Pacific Gas & Electric Co. 1st & Ref. Mtge., 4-1/2%, due 6/1/90	47,000.00	46,346.70	.23 \$ 129.33	4.61
50,000	Ditto	Pennsylvania Power & Light Co. 1st Mtge., 4-5/8%, due 12/1/91	50,000.00	48,826.00	.43 \$ 249.08	4.81
80,000	Gulf States Utilities Co. 1st Mtge., 4-1/4%, due 9/1/86	Pacific Gas & Electric Co. 1st & Ref. Mtge., 4-1/2%, due 12/1/86	72,099.91	72,987.91	.14 \$ 81.93	5.36
80,000	Ditto	Wisconsin Electric Power Co. 1st Mtge., 4-1/8%, due 4/1/88	72,099.91	69,187.91	.16 \$ 177.09	5.38

L & I Report - 37

1373

BOND EXCHANGES
(November, 1971)

<u>PAR</u> <u>VALUE</u>	<u>ISSUE</u> <u>EXCHANGED</u>	<u>DESCRIPTION</u>	<u>ISSUE</u> <u>RECEIVED</u>	<u>BOOK VALUE</u>		<u>BOOK</u>	<u>NEW</u>
				<u>ISSUE</u> <u>EXCHANGED</u>	<u>ISSUE</u> <u>RECEIVED</u>	<u>IN-</u> <u>CREASE</u>	<u>BOOK</u> <u>YIELD</u>
<u>Corporate Bonds for Corporate Bonds</u>							
\$ 50,000	Texas Power & Light Co. 1st Mtge., 5-1/2%, due 2/1/97	New Jersey Bell Tel. Co. Debs., 4-5/8%, due 6/1/2005	\$ 52,191.88	\$ 45,771.38	-.03%	5.16%	\$ 134.58*
50,000	Ditto	Ohio Bell Tel. Co. Debs., 5-3/8%, due 3/1/2007	52,191.89	50,153.39	.17	5.36	\$ 132.35
50,000	Ohio Edison Co. 1st Mtge., 4-3/4%, due 6/1/91	Southern New England Tel. Co. Debs., 3-1/4%, due 6/1/89	46,526.70	39,028.20	-.16	5.17	\$ 100.28
40,000	Ditto	Southwestern Bell Tel. Co. Debs., 4-3/4%, due 10/1/92	37,221.36	36,568.56	.11	5.44	\$ 54.39
90,000	Pacific Gas & Electric Co. 1st & Ref. Mtge., 4-5/8%, due 6/1/92	Oklahoma Gas & Electric Co. 1st Mtge., 4-1/4%, due 3/1/93	88,206.09	83,409.99	.02	4.80	\$ 147.14
125,000	Ditto	Wisconsin Tel. Co. Debs., 4-1/2%, due 7/1/92	122,508.45	120,238.45	.01	4.79	\$ 73.77
20,000	Ditto	Southern New England Tel. Co. Debs., 4-1/8%, due 3/1/91	19,601.35	18,322.75	.02	4.80	\$ 38.45
15,000	Ditto	Wisconsin Electric Power Co. 1st Mtge., 3-7/8%, due 4/15/86	14,701.01	13,905.11	-.21	4.57	\$ 8.47
50,000	Ditto	Southern New England Tel. Co. Debs., 4-1/8%, due 3/1/91	49,003.38	45,805.88	.02	4.80	\$ 96.13
451,000	Texas Electric Service Co. 1st Mtge., 4-3/8%, due 4/1/93	American Tel. & Tel. Co. Debs., 4-3/8%, due 5/1/99	429,851.03	416,501.43	.16	4.88	\$ 1,037.52
100,000	Ohio Edison Co. 1st Mtge., 4-1/4%, due 3/1/88	Dallas Power & Light Co. SF Debs., 4-1/2%, due 2/1/89	96,393.50	97,507.50	.15	4.71	\$ 113.51

L & I Report - 38

1374

BOND EXCHANGES
(November, 1971)

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>BOOK VALUE</u>		<u>BOOK</u>	<u>NEW</u>
			<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>YIELD IN-</u>	<u>BOOK YIELD</u>
					<u>CREASE</u>	
<u>Corporate Bonds for Corporate Bonds</u>						
\$ 75,000	Ohio Edison Co. 1st Mtge., 4-1/4%, due 3/1/88	Pacific Tel. & Tel. Co. Debs., 4-5/8%, due 11/1/90	\$ 72,295.12	\$ 72,931.87	.29%	4.85%
					\$	192.78*
35,000	Ditto	Pacific Gas & Electric Co. 1st & Ref. Mtge., 4-1/2%, due 6/1/90	33,737.72	33,282.02	.34	4.90
					\$	126.56
19,000	Ditto	Oklahoma Gas & Electric Co. 1st Mtge., 4-1/2%, due 3/1/95	18,314.76	17,656.98	.46	5.02
					\$	100.56
100,000	Virginia Electric & Power Co. 1st & Ref. Mtge., 3-7/8%, due 6/1/88	Northern Illinois Gas Co. 1st Mtge., 4-5/8%, due 8/1/90	88,338.45	93,552.45	.28	5.17
					\$	125.86
30,000	Ditto	Pacific Gas & Electric Co. 1st & Ref. Mtge., 4-5/8%, due 6/1/97	26,501.53	26,838.73	.50	5.39
					\$	125.40
50,000	Ditto	Florida Power Corp. 1st Mtge., 4-7/8%, due 11/1/95	44,169.22	46,491.22	.51	5.40
					\$	176.51
20,000	Ditto	Florida Power Corp. 1st Mtge., 4-5/8%, due 4/1/95	17,667.69	18,007.49	.49	5.38
					\$	79.36
44,000	Chesapeake & Potomac Tel. Co. of Maryland Debs., 4-1/8%, due 12/1/93	New England Tel. & Tel. Co. Debs., 4-1/2%, due 7/1/2002	40,955.86	40,644.34	.37	4.99
					\$	159.35
56,000	Ditto	Wisconsin Tel. Co. Debs., 4-7/8%, due 5/1/95	52,125.64	55,179.32	.36	4.98
					\$	110.70
97,000	Pacific Gas & Electric Co. 1st & Ref. Mtge., 4-5/8%, due 6/1/92	Public Service Co. of Oklahoma 1st Mtge., 4-1/8%, due 1/1/93	93,894.10	87,532.84	-0-	4.87
					\$	167.30

L & I Report - 39

226

BOND EXCHANGES
(November, 1971)

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>BOOK VALUE</u>		<u>BOOK YIELD IN- CREASE</u>	<u>NEW BOOK YIELD</u>
			<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>		
		<u>Corporate Bonds for Corporate Bonds</u>				
\$ 49,000	Pacific Gas & Electric Co. 1st & Ref. Mtge., 4-5/8%, due 6/1/92	Oklahoma Gas & Electric Co. 1st Mtge., 4-1/2%, due 3/1/95	\$ 47,431.04	\$ 45,594.52	.14% \$ 112.14*	5.01%
25,000	Ditto	Pacific Gas & Electric Co. 1st & Ref. Mtge., 4-3/8%, due 6/1 due 6/1/94	24,199.51	22,915.26	.13 \$ 63.56	5.00
29,000	Ditto	Southern Bell Tel. & Tel. Co. Debs., 4-3/4%, due 9/1/2000	28,071.43	27,241.74	.29 \$ 100.82	5.16
50,000	Ohio Edison Co. 1st Mtge., 4-1/2%, due 4/1/89	New Jersey Bell Tel. Co. Debs., 4-5/8%, due 6/1/2005	49,327.00	45,933.00	.53 \$ 341.54	5.14
50,000	Ditto	Pacific Northwest Bell Tel. Co. Debs., 4-1/2%, due 4/1/2003	49,327.00	45,433.00	.47 \$ 326.08	5.08
50,000	Ditto	New England Tel. & Tel. Co. Debs., 4-1/2%, due 7/1/2002	49,327.00	45,558.00	.46 \$ 318.50	5.07
20,000	Ditto	Chesapeake & Potomac Tel. Co. of Maryland Debs., 4-3/8%, due 1/1/2002	19,730.80	17,869.20	.46 \$ 136.00	5.07
50,000	Ditto	Mountain States Tel. & Tel. Co. Debs., 3-1/2%, due 6/1/90	49,327.00	43,613.00	-.08 \$ 130.25	4.53
50,000	Ditto	Ohio Edison Co. 1st Mtge., 4-1/2%, due 4/1/89	49,327.00	48,933.00	.07 \$ 45.64	4.68
35,000	Ditto	Illinois Power Co. 1st Mtge., 4-1/4%, due 1/1/93	34,528.90	32,284.35	.23 \$ 139.12	4.84
24,000	Ditto	Northern Indiana Pub. Serv. Co. 1st Mtge., 4-5/8%, due 5/15/95	23,676.96	22,707.84	.41 \$ 121.10	5.02

L & J Report - 40

1376

BOND EXCHANGES
(November, 1971)

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>BOOK VALUE</u>		<u>BOOK</u>	<u>NEW</u>
			<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>IN- CREASE</u>	<u>BOOK YIELD</u>
<u>Corporate Bonds for Corporate Bonds</u>						
\$ 20,000	Ohio Edison Co. 1st Mtge., 4-1/2%, due 4/1/89	Public Service Co. of Oklahoma 1st Mtge., 4-1/4%, due 2/1/87	\$ 19,730.80	\$ 18,826.20	.19%	4.80%
					\$	61.92*
50,000	Ditto	Indianapolis Power & Light Co. 1st Mtge., 5-5/8%, due 5/1/97	49,327.00	52,683.00	.63	5.24
					\$	234.92
490,000	Commonwealth Edison Co. 1st Mtge., 5-1/4%, due 4/1/96	Ditto	511,501.80	520,400.20	.24	5.18
					\$	1,021.16
40,000	Cincinnati Gas & Electric Co. 1st Mtge., 5%, due 5/1/90	Ohio Edison Co. 1st Mtge., 4-3/4%, due 6/1/91	40,331.33	38,642.93	.10	5.03
					\$	82.04
100,000	American Tel. & Tel. Co. Debs., 5-1/2%, due 1/1/97	Southern Bell Tel. & Tel. Co. Debs., 4-3/8%, due 3/1/98	107,624.00	93,759.00	-.21	4.79
					\$	149.74
38,000	Ditto	Mountain States Tel. & Tel. Co. Debs., 5%, due 4/1/2000	40,897.13	37,740.47	.04	5.04
					\$	94.01
28,000	Ditto	Southern Bell Tel. & Tel. Co. Debs., 4-3/4%, due 9/1/2000	30,134.72	26,804.40	.03	5.03
					\$	91.29
68,000	Ditto	Commonwealth Edison Co. 1st Mtge., 5-3/8%, due 4/1/97	73,184.32	71,312.96	.03	5.03
					\$	68.17
25,000	Ditto	Georgia Power Co. 1st Mtge., 4-5/8%, due 10/1/94	26,906.00	24,119.00	-.12	4.88
					\$	40.74
1,000,000	Houston Lighting & Power Co. 1st Mtge., 5-1/4%, due 4/1/96	American Tel. & Tel. Co. Debs., 4-3/4%, due 6/1/98	1,054,495.68	983,505.68	-.01	4.86
					\$	1,768.69
<u>\$ 8,055,000</u>	<u>Total Exchange of Corporate Bonds for Corporate Bonds</u> (November, 1971)		<u>\$ 7,924,185.66</u>	<u>\$ 7,696,800.00</u>	<u>\$ 17,748.87</u>	<u>(Total Income Improvement)</u>

L & I Report - 41

1377

BOND EXCHANGES
(November, 1971)

<u>PAR</u> <u>VALUE</u>	<u>ISSUE</u> <u>EXCHANGED</u>	<u>DESCRIPTION</u>	<u>ISSUE</u> <u>RECEIVED</u>	<u>BOOK VALUE</u>		<u>BOOK</u>	<u>NEW</u>
				<u>ISSUE</u> <u>EXCHANGED</u>	<u>ISSUE</u> <u>RECEIVED</u>	<u>IN-</u> <u>CREASE</u>	<u>BOOK</u> <u>YIELD</u>
		<u>U. S. Treasuries for U. S. Treasuries</u>					
\$ 1,000,000	U. S. Treasury Bonds 4-1/8%, due 5/15/94-89	U. S. Treasury Bonds 4-1/4%, due 8/15/92-87	\$ 1,016,378.53	\$ 1,026,378.53	.04%	4.03%	\$ 184.55
2,000,000	Ditto	Ditto	2,032,127.17	2,052,127.17	.03	4.02	\$ 223.64
2,000,000	Ditto	Ditto	2,032,127.64	2,052,127.64	.02	4.02	\$ 255.62
<u>\$ 5,000,000</u>	Total Exchange of U. S. Treasuries for U. S. Treasuries (November, 1971)		<u>\$ 5,080,633.34</u>	<u>\$ 5,130,633.34</u>			<u>\$ 663.81</u> (Total Income Improvement)

*Total Income Improvement, including income from investment of takeout (payup) on exchange.

LONG PURCHASES
(November, 1971)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>COST</u>		<u>YIELD</u>
		<u>UNIT</u>	<u>TOTAL</u>	
<u>U. S. Treasury Securities</u>				
\$ 500,000	U. S. Treasury Notes, 6%, due 11/15/78	\$100.328	\$ 501,640.63	5.94%
<u>U. S. Government Obligations</u>				
1,398,449	GNMA, Pool #905, 6-1/2%, due 7/15/2001	\$ 94.00	1,314,542.52	7.11
<u>FHA Mortgages</u>				
432,807	Various FHA Mortgages, 6-1/2%, due 6/1/84	\$ 93.50	404,674.63	7.51
<u>Corporate Bonds</u>				
50,000	Carolina Power & Light Co., 1st Mtge., 5-1/8%, due 4/1/96	\$ 73.50	36,750.00	7.50
20,000	Pennsylvania Power & Light Co., 1st Mtge., 4-5/8%, due 12/1/91	71.619	14,323.80	7.35
1,000	General Tel. Co. of California, 1st Mtge., 4-1/2%, due 6/1/94	65.50	655.00	7.75
6,000	Georgia Power Co., 1st Mtge., 4-1/2%, due 11/1/93	70.457	4,227.42	7.20
1,000	Duquesne Light Co., 1st Mtge., 3-3/4%, due 4/1/88	68.215	682.15	7.05
7,000	Duke Power Co., 1st & Ref. Mtge., 4-1/2%, due 2/1/92	71.876	5,031.32	7.15
855,000	Southwestern Electric Power Co., 1st Mtge., 7-1/2%, due 10/1/2001	100.00	855,000.00	7.50
267,000	Mountain States Tel. & Tel. Co., Debs., 7-3/8%, due 11/1/2011	100.321	267,857.07	7.38

BOND PURCHASES
(November, 1971)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>COST</u>		<u>YIELD</u>
		<u>UNIT</u>	<u>TOTAL</u>	
<u>Corporate Bonds</u>				
\$ 3,000	Niagara Mohawk Power Corp., Gen. Mtge., 3-7/8%, due 6/1/88	\$ 65.875	\$ 1,976.25	7.50%
7,000	Central Illinois Public Service Co., 1st Mtge., 4-1/8%, due 2/1/88	69.369	4,855.83	7.40
9,000	Pacific Gas & Electric Co., 1st & Ref. Mtge., 4-1/2%, due 12/1/86	75.07	6,756.30	7.25
10,000	Ohio Edison Co., 1st Mtge., 4-3/4%, due 6/1/91	74.375	7,437.50	7.22
25,000	General Tel. Co. of California, 1st Mtge., 6-3/4%, due 12/1/97	89.375	22,343.75	7.70
<u>1,261,000</u>	Total Corporate Bonds		<u>1,227,896.39</u>	<u>7.46</u>
<u>\$ 3,592,256</u>	TOTAL BONDS PURCHASED		<u>\$ 3,448,754.17</u>	<u>7.11%</u>
<u>Convertible Bonds</u>				
<u>\$ 1,000,000</u>	W. R. Grace & Co., Convertible Sub. Debs., 6-1/2%, due 11/15/96	\$100.00	<u>\$ 1,000,000.00</u>	<u>6.50%</u>

L & I Report - 44

1980

BOND SALES AND MATURITIES
(November, 1971)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>Convertible Bonds</u>				
\$ 500,000	S. S. Kresge Co., Convertible Sub. Debs., 5%, due 4/15/95	\$ 860,000.00	\$336,300.00	1.40%
1,002,000	First National City Bank, Convertible Capital Notes, 4%, due 7/1/90	<u>1,247,490.00</u>	<u>272,448.60</u>	<u>3.21</u>
<u>\$ 1,502,000</u>	TOTAL CONVERTIBLE BONDS SOLD	<u>\$ 2,107,490.00</u>	<u>\$608,748.60</u>	<u>2.47%</u>
<u>Corporate Bonds</u>				
\$ 1,000	Ohio Edison Co., 1st Mtge., 4-1/2%, due 4/1/89	\$ 742.88	(\$ 243.66)	7.10%
<u>U. S. Government Obligations</u>				
\$ 4,497	GNMA, Pool #114, 8%, due 1/15/2001	\$ 4,496.60	(\$ 1,054.59)	8.00%
8,258	GNMA, Pool #152, 8%, due 2/15/2001	8,258.18	(1,861.41)	8.00
6,129	GNMA, Pool #456, 8%, due 4/15/2001	6,129.16	(503.87)	8.00
652	GNMA, Pool #236, 8%, due 1/15/2001	652.10	(95.72)	8.00
840	GNMA, Pool #92, 8%, due 2/15/2001	840.11	(13.54)	8.00
<u>14,435</u>	GNMA, Pool #650, 8%, due 4/15/2001	<u>14,434.87</u>	(482.41)	<u>8.00</u>
<u>34,811</u>	Total U. S. Government Obligations	<u>34,811.02</u>	(4,011.54)	<u>8.00</u>
<u>\$ 35,811</u>	TOTAL BONDS SOLD AND MATURED	<u>\$ 35,553.90</u>	<u>(\$ 4,255.20)</u>	<u>8.00%</u>

CASH STATEMENT
November 30, 1971

	Permanent Fund	Available Fund
<u>RECEIPTS:</u>		
From General Land Office	\$ 1,491,189.58	
From Disposition of Securities:		
U. S. Government Agency Obligations	34,811.02	
FHA Mortgages	42,672.24	
Convertible Debentures	2,107,490.00	
Corporate Bonds	742.88	
Commercial Paper	7,450,000.00	
Bonds Exchanged - Net Receipts	310,780.79	
Interest Collected:		
U. S. Bonds		\$ 693,792.59
U. S. Government Agency Obligations		60,566.28
FHA Mortgages		96,138.90
Corporate Bonds		945,274.48
Convertible Debentures		31,313.91
Commercial Paper		75,394.63
Dividends Collected:		
Common and Preferred Stock		330,756.45
Amortization of Premium	15,036.53	
Accounts Receivable Collected	19,160.00	
TOTAL RECEIPTS	11,471,883.04	2,233,237.24
Cash On Hand, 11/1/71	1,051,373.69	-0-
TOTAL RECEIPTS AND CASH	\$12,523,256.73	\$2,233,237.24

CASH STATEMENT
November 30, 1971
(Continued)

	<u>Permanent Fund</u>	<u>Available Fund</u>
<u>DISBURSEMENTS:</u>		
Securities Acquired:		
U. S. Bonds	\$ 501,640.63	
U. S. Government Agency Obligations	1,314,542.52	
FHA Mortgages	404,674.63	
Corporate Bonds	1,227,896.39	
Convertible Debentures	1,000,000.00	
Common Stock	5,361,774.13	
Commercial Paper	2,440,000.00	
Amortization of Discount	33,887.67	
Cash Payments Made in November, 1971, on Security Transactions with Settlement in December, 1971	-0-	
To Clear Out Available Fund		<u>\$ 2,233,237.24</u>
TOTAL DISBURSEMENTS	<u>12,284,415.97</u>	<u>2,233,237.24</u>
TOTAL RECEIPTS AND CASH OVER DISBURSEMENTS	238,840.76	
DEDUCT: Accounts Receivable	91,972.03	
ADD: Cash Payments Made in October, 1971, on Security Transactions Settled in November, 1971.	<u>53,597.55</u>	
CASH ON HAND, 11/30/71	<u>\$ 200,466.28</u>	<u>-0-</u>

SUMMARY

-Permanent University Fund Book Value-

10/31/71 Balance		\$604,899,458.81
Additions (November, 1971)		
Realized Net Gain (Loss) on Security Transactions	\$ 604,493.40	
From General Land Office	<u>1,491,189.58</u>	<u>2,095,682.98</u>
11/30/71 Balance		<u>\$606,995,141.79</u>

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, 1971. 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>Principal Cost</u>	<u>Yield</u>
	<u>U. S. GOVERNMENT AGENCY OBLIGATIONS:</u> See Bond Purchase Schedule for Detail		
\$ 90,000	U. T. Austin-Housing System Revenue Bonds, Series 1967 - Reserve Fund	\$ 84,150.00	7.16%
360,000	U.T. El Paso - Building Revenue Bonds, Series 1969, Reserve Fund	336,600.00	7.16
40,000	U.T. El Paso - Combined Fee Revenue Bonds, Series 1970 and 1971 - Reserve Fund	<u>37,400.00</u>	<u>7.16</u>
	TOTAL - U. S. Government Agency Obligations	<u>458,150.00</u>	<u>7.16%</u>
	<u>CORPORATE BONDS:</u> See Bond Purchase Schedule for Detail		
420,000	Common Trust Fund	346,770.20	7.84%
2,000	Hogg Foundation : Varner Properties	1,358.74	7.45
245,000	Winedale Stagecoach Inn - Varner Acreage	<u>207,319.00</u>	<u>7.86</u>
	TOTAL - Corporate Bonds	<u>555,447.94</u>	<u>7.85%</u>
	<u>CORPORATE STOCKS:</u> See Stock Purchase Schedule for Detail		
	Common Trust Fund	2,026,122.06	3.21%
	Hogg Foundation: W. C. Hogg Estate Fund	912,892.63	3.23
	Hogg Foundation: Varner Properties	<u>241,043.48</u>	<u>2.69</u>
	TOTAL - Corporate Stocks	<u>3,180,058.17</u>	<u>3.18%</u>
	TOTAL - LONG TERM INVESTMENTS	<u>\$4,193,656.11</u>	

INVESTMENTS ACQUIRED
(Continued)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Principal Cost</u>	<u>Yield</u>
	<u>BONDS EXCHANGED IN:</u>		
	See Bond Exchange Schedule for Detail		
\$ 15,000	Common Trust Fund	\$ 15,100.62	4.46%
20,000	Hogg Foundation: W. C. Hogg Estate Fund	21,282.65	4.50
38,000	Hogg Foundation: Varner Properties	32,702.87	5.56
50,000	The Robert A. Welch Chair in Chemistry	50,386.58	4.69
	<u>COMMERCIAL PAPER:</u>		
214,000	FMC 5% Note, due 10/26/71 (Common Trust Fund)	214,000.00	5.004
42,000	FMC 5-1/4% Note, due 11/12/71 (Dallas Medical School Pulmonary Research Fund)	42,000.00	5.27
627,000	FMC 5-1/4% Note, due 11/18/71 (\$267,000 - Common Trust Fund 360,000 - Hogg Foundation: W. C. Hogg Estate Fund)	627,000.00	5.27

ITEMS DISPOSED OF

<u>Par Value</u>	<u>Description and Fund</u>	<u>Principal Proceeds</u>	<u>Profit or (Loss)</u>	<u>Yield</u>
	<u>U.S. GOVERNMENT AGENCY OBLIGATIONS:</u>			
\$ 409	See Bond Sales Schedule for Detail Hogg Foundation: W. C. Hogg Estate Fund	\$ 408.65	(\$ 24.52)	8.00%
2,558	Student Property Deposit Scholarship Fund	2,557.67	(62.36)	8.00
2,269	U. T. Austin - Dormitory Revenue Bond Fund, Series 1954-Reserve Fund	2,269.18	(108.22)	8.00
371	U. T. Austin - Dormitory Revenue Bond Fund, Series 1956 - Reserve Fund	371.08	(22.26)	8.00
695	U. T. Austin - Student Housing Revenue Bonds of 1963 - Reserve Fund	695.45	-0-	8.00
8,358	U. T. Austin - Housing System Revenue Bonds, Series 1967 - Reserve Fund	8,357.69	418.45	8.00
47,680	U. T. Austin - Building Revenue Bonds, Series 1969 - Utility Plant - Student Fee Revenue Bonds Reserve Fund	47,680.06	(3,327.95)	8.00
96	U. T. Austin - Combined Fee Revenue Bonds, Series 1970 & 1971 - Reserve Fund	95.83	-0-	8.00
137	U. T. Austin - Student Union Revenue Bonds, Series 1958 - Reserve Fund	136.90	-0-	8.00
1,183	U. T. Galveston - Dormitory Revenue Bonds, Series 1955 - Reserve Fund	1,182.82	-0-	8.00
7,046	U. T. El Paso - Building Revenue Bonds, Series 1969, Reserve Fund	7,046.00	152.34	8.00
630	U. T. El Paso - Student Union Building Revenue Bonds, Series A and B, 1967-Reserve Fund	629.89	(11.84)	8.00
356	U. T. Arlington - Housing System Revenue Bonds - Series 1963 - Reserve Fund	355.94	-0-	8.00
438	U. T. Arlington - Student Center Fee Bonds - Series 1960 - Reserve Fund	438.08	-0-	8.00
452	U. T. Arlington - Gymnasium Fee Bonds - Series 1961 - Reserve Fund	451.77	-0-	8.00
4,304	U. T. Arlington - Student Fee Revenue Bonds-Series 1964, Series 1966, and Series 1968 - Reserve Fund	<u>4,304.72</u>	<u>200.31</u>	<u>8.00</u>
	TOTAL - U.S. Government Agency Obligations	<u>76,981.73</u>	<u>(2,786.05)</u>	<u>8.00%</u>

ITEMS DISPOSED OF
(Continued)

1387

<u>Par Value</u>	<u>Description and Fund</u>	<u>Principal Proceeds</u>	<u>Profit or (Loss)</u>	<u>Yield</u>
<u>CORPORATE BONDS:</u>				
See Bond Sales Schedule for Detail				
\$ 5,000	Common Trust Fund	\$ 3,412.50	(\$ 1,272.50)	7.74%
1,000	Hogg Foundation: Varner Properties	632.60	(336.87)	7.50
	TOTAL - Corporate Bonds	4,045.10	(1,609.37)	7.70%
<u>CORPORATE STOCKS:</u>				
See Stock Sales Schedule for Detail				
	Common Trust Fund	2,117,048.85	366,697.52	2.55%
	Hogg Foundation: W. C. Hogg Estate Fund	1,029,061.04	619,165.97	2.17
	Hogg Foundation: Varner Properties	215,955.03	137,848.54	2.16
	The George M. Oliver Charitable Trust	16,787.16	(7,681.59)	1.31
	The Leila A. Oliver Charitable Trust	16,787.16	(7,681.59)	1.31
	The Cline Collection of English and American Literature Since 1800	31.67	-0-	-0-
	Hematology Research Under The Director of Dr. Eugene P. Frenkel - DMS	1,775.44	(294.87)	4.22
	TOTAL - Corporate Stocks	3,397,446.35	1,108,053.98	2.40%
	TOTAL - LONG TERM INVESTMENTS SOLD	<u>\$3,478,473.18</u>	<u>\$1,103,658.56</u>	
<u>BONDS EXCHANGED OUT:</u>				
See Bond Exchange Schedule for Detail				
15,000	Common Trust Fund	\$ 14,715.42	-0-	3.36%
20,000	Hogg Foundation: W. C. Hogg Estate Fund	20,135.45	-0-	3.17
38,000	Hogg Foundation: Varner Properties	33,203.86	-0-	5.09
50,000	The Robert A. Welch Chair in Chemistry	50,041.58	-0-	4.24

ITEMS DISPOSED OF
(Continued)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Principal Proceeds</u>	<u>Profit or (Loss)</u>	<u>Yield</u>
	<u>COMMERCIAL PAPER:</u>			
\$ 20,000	SRAC 5-1/4% Note, due 10/1/71 (Office of Investments, Trusts and Lands-Clearing Account)	\$ 20,000	\$ -0-	5.27%
207,000	FMC 5-3/8% Note, due 10/13/71 (Common Trust Fund)	207,000	-0-	5.38
214,000	FMC 5% Note, due 10/26/71 (Common Trust Fund)	214,000	-0-	5.004
120,000	FMC 5-3/8% Note, due 11/1/71, prepaid on 10/26/71 (Common Trust Fund)	120,000	-0-	5.38

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND

(October, 1971)

BOND EXCHANGES

<u>PAR VALUE</u>	<u>DESCRIPTION</u>	<u>BOOK VALUE</u>		<u>BOOK YIELD</u>	<u>NEW BOOK YIELD</u>	
		<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>			<u>ISSUE EXCHANGED</u>
\$ 15,000	Philadelphia Electric Co. 1st & Ref. Mtge., 3-1/8%, due 4/1/85	Virginia Electric & Power Co. 1st & Ref. Mtge., 4-1/2%, due 5/1/95	\$ 14,715.42	\$ 15,100.62	1.10%	4.46%
					\$ 150.16*	(Total Income Improvement)

BOND SALES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
\$ 5,000	West Penn Power Co., 1st Mtge., 3-1/4%, due 4/1/82	\$ 3,412.50	(\$ 1,272.50)	7.74%

BOND PURCHASES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>COST</u>		<u>YIELD</u>
		<u>UNIT</u>	<u>TOTAL</u>	
\$ 30,000	General Tel. Co. of Wisconsin, 1st Mtge., 5%, due 2/1/96	\$ 69.274	\$ 20,782.20	7.85%
365,000	Beneficial Finance Co., Notes, 5-1/4%, due 12/1/79	84.62	308,863.00	7.86
25,000	Indianapolis Power & Light Co., 1st Mtge., 4-1/8%, due 3/1/88	68.50	17,125.00	7.50
\$ 420,000			\$ 346,770.20	7.84%

*Total Income Improvement, including income from investment of takeout (payup) on exchange.

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND
(October, 1971)

STOCK SALES

<u>NO. OF SHARES SOLD</u>	<u>ISSUE</u>	<u>NET SALES PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
2,000 Shs.	Avon Products, Inc. Capital	\$ 196,918.04	\$ 9,418.04	1.32%
1,232 Shs.	Borden, Inc. Capital	34,434.40	5,194.83	4.29
400 Shs.	Borg-Warner Corporation Common	10,850.00	(450.00)	4.61
3,100 Shs.	Bristol-Myers Company Common	197,237.50	74,741.25	1.89
480 Shs.	CPC International, Inc. Common	15,120.00	(890.00)	5.47
1,000 Shs.	Carolina Power & Light Company Common	22,375.00	(875.00)	6.53
2,400 Shs.	The Coca-Cola Company Common	254,882.55	76,652.56	1.49
1,304 Shs.	E. I. du Pont de Nemours & Company Common	199,512.00	12,196.00	3.27
1,000 Shs.	Merck & Company, Inc. Common	111,000.00	22,533.50	1.98
400 Shs.	Mobil Oil Corporation Capital	19,350.00	(250.00)	5.37
1,000 Shs.	NL Industries, Inc. Common	16,682.39	(3,042.61)	5.99
3,000 Shs.	Pfizer Inc. Common	118,725.00	32,101.52	1.64
3,246 Shs.	Sears, Roebuck & Company Common	300,660.75	68,011.98	1.51
300 Shs.	Shell Oil Company Common	13,125.00	(975.00)	5.49
700 Shs.	Smith Kline & French Laboratories, Inc. Common	39,287.50	1,312.50	3.60
3,500 Shs.	Squibb Corporation Common	276,388.72	55,999.23	1.90
4,000 Shs.	Standard Oil Company (New Jersey) Capital	<u>290,500.00</u>	<u>15,018.72</u>	<u>5.16</u>
		<u>\$2,117,048.85</u>	<u>\$366,697.52</u>	<u>2.55%</u>

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND
(October, 1971)

STOCK PURCHASES

<u>NO. OF SHS.</u> <u>PURCHASED</u>	<u>ISSUE</u>	<u>COST</u>		<u>YIELD</u>
		<u>UNIT</u>	<u>TOTAL</u>	
1,800 Shs.	Chemical New York Corporation Common	\$ 55.375 Net	\$ 99,675.00	5.20%
3,100 Shs.	Ford Motor Company Common	70.67 Avg.	219,062.50	3.68
1,400 Shs.	General Motors Corporation Common	84.50 Avg.	118,300.00	4.02
6,600 Shs.	W. R. Grace & Company Common	31.89 Avg.	210,448.72	4.70
4,000 Shs.	Hercules, Inc. Common	53.19 Avg.	212,760.56	2.26
1,200 Shs.	International Business Machines Corporation Capital	307.69 Avg.	369,226.40	1.69
3,000 Shs.	International Telephone & Telegraph Corporation Common	56.00 Net	168,000.00	2.05
1,400 Shs.	International Telephone & Telegraph Corporation \$2.25 Cumulative Convertible Preferred, Series N	71.77 Avg.	100,482.95	3.13
5,000 Shs.	Kennecott Copper Corporation Capital	30.125 Net	150,625.00	6.64
1,300 Shs.	PepsiCo, Inc. Capital	65.24 Net	84,825.00	1.53
1,800 Shs.	Jos. Schlitz Brewing Company Common	95.63 Avg.	172,138.25	1.67
2,700 Shs.	Union Carbide Corporation Capital	44.66 Avg.	<u>120,577.68</u>	<u>4.48</u>
			<u>\$ 2,026,122.06</u>	<u>3.21%</u>

HOGG FOUNDATION: W. C. HOGG ESTATE FUND
 (October, 1971)
BOND EXCHANGES

<u>PAR VALUE</u>	<u>DESCRIPTION</u>		<u>BOOK VALUE</u>		<u>BOOK YIELD</u>	<u>NEW BOOK YIELD</u>
	<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>IN- CREASE</u>	
\$ 20,000	West Penn Power Co. 1st Mtge., 3-1/4%, due 4/1/82	Northern States Power Co. (Minn.) 1st Mtge., 5%, due 12/1/90	\$ 20,135.45	\$ 21,282.65	1.33%	4.50%
					\$ 233.39*	
					(Total Income Improvement)	

BOND SALES AND MATURITIES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
\$ 409	GNMA, Pool #548, 8%, due 4/15/2001	\$ 408.65	(\$ 24.52)	8.00%

*Total Income Improvement, including income from investment of takeout (payup) on exchange.

HOGG FOUNDATION: W. C. HOGG ESTATE FUND
(October, 1971)

STOCK SALES

<u>NO. OF SHARES SOLD</u>	<u>ISSUE</u>	<u>NET SALES PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
1,100 Shs.	American Home Products Corporation Common	\$ 88,402.78	\$ 41,902.11	2.12%
1,600 Shs.	Avon Products, Inc. Capital	156,320.00	72,937.48	1.33
1,788 Shs.	Borden, Inc. Common	52,433.10	30,385.55	4.09
1,800 Shs.	Bristol-Myers Company Common	115,017.66	110,202.16	1.88
1,100 Shs.	CPC International, Inc. Common	34,512.50	(11,241.57)	5.42
2,000 Shs.	The Coca-Cola Company Common	221,000.00	177,173.91	1.43
1,100 Shs.	E. I. du Pont de Nemours & Company Common	171,325.00	52,723.20	3.21
800 Shs.	Merck & Company, Inc. Common	89,400.00	54,083.87	1.97
2,200 Shs.	Sterling Drug, Inc. Common	100,650.00	90,999.26	1.75
		<u>\$1,029,061.04</u>	<u>\$619,165.97</u>	<u>2.17%</u>

STOCK PURCHASES

<u>NO. OF SHS. PURCHASED</u>	<u>ISSUE</u>	<u>COST</u>		<u>YIELD</u>
		<u>UNIT</u>	<u>TOTAL</u>	
3,000 Shs.	Ford Motor Company Common	\$ 70.625	\$ 444,150.00	3.68%
1,000 Shs.	General Motors Corporation Common	85.125 Net	85,125.00	3.99
2,000 Shs.	W. R. Grace & Company Common	31.50	63,439.00	4.73
1,500 Shs.	Hercules, Inc. Common	53.00	53,354.20	2.25
300 Shs.	International Business Machines Corporation Capital	307.50	92,459.25	1.69
2,000 Shs.	PepsiCo, Inc. Capital	65.25 Net	130,500.00	1.53
1,000 Shs.	Union Carbide Corporation Capital	43.87	43,865.18	4.56
			<u>\$ 912,892.63</u>	<u>3.23%</u>

HOGG FOUNDATION: VARNER PROPERTIES
 (October, 1971)
BOND EXCHANGES

<u>PAR VALUE</u>	<u>DESCRIPTION</u>		<u>BOOK VALUE</u>		<u>BOOK YIELD</u>	<u>NEW BOOK YIELD</u>
	<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>IN- CREASE</u>	
\$ 15,000	Philadelphia Electric Co. 1st & Ref. Mtge., 3-1/8%, due 4/1/85	Virginia Electric & Power Co. 1st & Ref. Mtge., 4-1/2%, due 5/1/95	\$ 14,542.10	\$ 14,927.30	1.14%	4.54%
23,000	Public Service Elec. & Gas Co. 1st & Ref. Mtge., 4-3/4%, due 9/1/95	Public Service Co. of Colorado 1st Mtge., 4-1/2%, due 6/1/94	18,661.76	17,775.57	.01	6.42
<u>\$ 38,000</u>			<u>\$ 33,203.86</u>	<u>\$ 32,702.87</u>	<u>\$ 165.81</u>	(Total Income Improvement)

BOND SALES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>\$ 1,000</u>	Philadelphia Electric Co., 1st & Ref. Mtge., 3-1/8%, due 4/1/85	<u>\$ 632.60</u>	<u>(\$ 336.87)</u>	<u>7.50%</u>

BOND PURCHASES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>COST</u>		<u>YIELD</u>
		<u>UNIT</u>	<u>TOTAL</u>	
<u>\$ 2,000</u>	Public Service Company of Colorado, 1st Mtge., 4-1/2%, due 6/1/94	\$ 67.937	<u>\$ 1,358.74</u>	<u>7.45%</u>

* Total Income Improvement, including income from investment of takeout (payup) on exchange.

L & I Report - 58

1394

HUGG FOUNDATION: VARNER PROPERTIES
(October, 1971)

STOCK SALES

<u>NO. OF SHARES SOLD</u>	<u>ISSUE</u>	<u>NET SALES PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
500 Shs.	American Home Products Corporation Common	\$ 40,183.08	\$ 29,138.13	2.12%
1,248 Shs.	Borden, Inc. Common	36,597.60	18,812.44	4.09
500 Shs.	Bristol-Myers Company Common	31,949.35	15,667.66	1.88
600 Shs.	CPC International, Inc. Common	18,825.00	5,728.11	5.42
800 Shs.	The Coca-Cola Company Common	<u>88,400.00</u>	<u>68,502.20</u>	<u>1.43</u>
		<u>\$215,955.03</u>	<u>\$137,848.54</u>	<u>2.16%</u>

STOCK PURCHASES

<u>NO. OF SHS. PURCHASED</u>	<u>ISSUE</u>	<u>COST</u>		<u>YIELD</u>
		<u>UNIT</u>	<u>TOTAL</u>	
700 Shs.	Ford Motor Company Common	\$ 70.625	\$ 49,437.50	3.68%
400 Shs.	General Motors Corporation Common	85.125 Net	34,050.00	3.99
200 Shs.	International Business Machines Corporation Capital	307.50	61,639.50	1.69
700 Shs.	International Telephone & Telegraph Corporation \$2.25 Cumulative Convertible Preferred, Series N	71.77	50,241.48	3.13
700 Shs.	PepsiCo, Inc. Capital	65.25 Net	<u>45,675.00</u>	<u>1.53</u>
			<u>\$241,043.48</u>	<u>2.69%</u>

THE ROBERT A. WELCH CHAIR IN CHEMISTRY

(October, 1971)

BOND EXCHANGES

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>ISSUE RECEIVED</u>	<u>BOOK VALUE</u>		<u>BOOK YIELD IN- CREASE</u>	<u>NEW BOOK YIELD</u>
				<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>		
\$ 50,000	Southern Calif. Edison Co. 1st & Ref. Mtge., 4-1/4%, due 11/1/87	Michigan Bell Tel. Co. Debs., 4-3/4%, due 11/1/92		\$ 50,041.58	\$ 50,386.58	.45%	4.69%
						\$ 215.49*	
						(Total Income Improvement)	

*Total Income Improvement, including income from investment of takeout (payup) on exchange.

WINEDALE STAGECOACH INN - VARNER ACREAGE

(October, 1971)

BOND PURCHASES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>COST</u>		<u>YIELD</u>
		<u>UNIT</u>	<u>TOTAL</u>	
\$ 245,000	Beneficial Finance Co., Notes, 5-1/4%, due 12/1/79	\$ 84.62	\$ 207,319.00	7.86%

STOCK SALES
(October, 1971)

<u>NO. OF SHARES SOLD</u>	<u>ISSUE</u>	<u>NET SALES PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>THE GEORGE M. OLIVER CHARITABLE TRUST</u>				
500 Shs.	Farah Manufacturing Company Common	<u>\$ 16,787.16</u>	<u>(\$ 7,681.59)</u>	<u>1.31%</u>
<u>THE LEILA A. OLIVER CHARITABLE TRUST</u>				
500 Shs.	Farah Manufacturing Company Common	<u>\$ 16,787.16</u>	<u>(\$ 7,681.59)</u>	<u>1.31%</u>
<u>THE CLINE COLLECTION OF ENGLISH AND AMERICAN LITERATURE SINCE 1800</u>				
7 Shs.	Omega-Alpha, Inc. Common (1-for-7 distribution to holders of University Computing Company Common Stock)	<u>\$ 31.67</u>	--	--
<u>HEMATOLOGY RESEARCH UNDER THE DIRECTION OF DR. EUGENE P. FRENKEL - DALLAS MEDICAL SCHOOL</u>				
125 Shs.	Texas Gulf Sulphur Company Capital	<u>\$ 1,775.44</u>	<u>(\$ 294.87)</u>	<u>4.22%</u>

BOND PURCHASES
(October, 1971)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>COST</u>		<u>YIELD</u>
		<u>UNIT</u>	<u>TOTAL</u>	
<u>U. T. AUSTIN - HOUSING SYSTEM REVENUE BONDS, SERIES 1967 - RESERVE FUND</u>				
<u>\$ 90,000</u>	GNMA, Pool #1029, 6-1/2%, due 12/15/2001	\$ 93.50	<u>\$ 84,150.00</u>	<u>7.16%</u>
<u>U. T. EL PASO - BUILDING REVENUE BONDS, SERIES 1969, RESERVE FUND</u>				
<u>\$ 360,000</u>	GNMA, Pool #1029, 6-1/2%, due 12/15/2001	\$ 93.50	<u>\$ 336,600.00</u>	<u>7.16%</u>
<u>U. T. EL PASO - COMBINED FEE REVENUE BONDS, SERIES 1970 AND 1971 - RESERVE FUND</u>				
<u>\$ 40,000</u>	GNMA, Pool #1029, 6-1/2%, due 12/15/2001	\$ 93.50	<u>\$ 37,400.00</u>	<u>7.16%</u>

L & I Report - 62

BOND SALES AND MATURITIES
(October, 1971)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>STUDENT PROPERTY DEPOSIT SCHOLARSHIP FUND</u>				
\$ 400	GNMA, Pool #184, 8%, due 4/1/2001	\$ 399.75	\$ -0-	8.00%
<u>2,158</u>	GNMA, Pool #121, 8%, due 11/15/2000	<u>2,157.92</u>	(<u>62.36</u>)	<u>8.00</u>
<u>\$ 2,558</u>		<u>\$ 2,557.67</u>	(<u>\$ 62.36</u>)	<u>8.00%</u>
<u>U. T. AUSTIN - DORMITORY REVENUE BOND FUND, SERIES 1954 - RESERVE FUND</u>				
\$ 465	GNMA, Pool #184, 8%, due 4/1/2001	\$ 465.46	\$ -0-	8.00%
<u>1,804</u>	GNMA, Pool #548, 8%, due 4/15/2001	<u>1,803.72</u>	(<u>108.22</u>)	<u>8.00</u>
<u>\$ 2,269</u>		<u>\$ 2,269.18</u>	(<u>\$ 108.22</u>)	<u>8.00%</u>
<u>U. T. AUSTIN - DORMITORY REVENUE BONDS FUND, SERIES 1956 - RESERVE FUND</u>				
<u>\$ 371</u>	GNMA, Pool #548, 8%, due 4/15/2001	<u>\$ 371.08</u>	(<u>\$ 22.26</u>)	<u>8.00%</u>
<u>U. T. AUSTIN - STUDENT HOUSING REVENUE BONDS OF 1963 - RESERVE FUND</u>				
<u>\$ 695</u>	GNMA, Pool #184, 8%, due 4/1/2001	<u>\$ 695.45</u>	<u>\$ -0-</u>	<u>8.00%</u>
<u>U. T. AUSTIN - HOUSING SYSTEM REVENUE BONDS, SERIES 1967 - RESERVE FUND</u>				
\$ 416	GNMA, Pool #184, 8%, due 4/1/2001	\$ 416.18	\$ -0-	8.00%
606	GNMA, Pool #548, 8%, due 4/15/2001	605.93	(36.36)	8.00
<u>7,336</u>	GNMA, Pool #121, 8%, due 11/15/2001	<u>7,335.58</u>	<u>454.81</u>	<u>8.00</u>
<u>\$ 8,358</u>		<u>\$ 8,357.69</u>	<u>\$ 418.45</u>	<u>8.00%</u>

L & Report - 63

333

BOND SALES AND MATURITIES
(October, 1971)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>U. T. AUSTIN - BUILDING REVENUE BONDS, SERIES 1969</u>				
<u>UTILITY PLANT - STUDENT FEE REVENUE BONDS RESERVE FUND</u>				
\$ 493	GNMA, Pool #548, 8%, due 4/15/2001	\$ 493.20	(\$ 29.59)	8.00%
<u>47,187</u>	GNMA, Pool #121, 8%, due 11/15/2000	<u>47,186.86</u>	<u>(3,298.36)</u>	<u>8.00</u>
<u>\$ 47,680</u>		<u>\$ 47,680.06</u>	<u>(\$ 3,327.95)</u>	<u>8.00%</u>
<u>U. T. AUSTIN - COMBINED FEE REVENUE BONDS, SERIES 1970 & 1971 - RESERVE FUND</u>				
<u>\$ 96</u>	GNMA, Pool #184, 8%, due 4/1/2001	<u>\$ 95.83</u>	<u>\$ -0-</u>	<u>8.00%</u>
<u>U. T. AUSTIN - STUDENT UNION REVENUE BONDS, SERIES 1958 - RESERVE FUND</u>				
<u>\$ 137</u>	GNMA, Pool #184, 8%, due 4/1/2001	<u>\$ 136.90</u>	<u>\$ -0-</u>	<u>8.00%</u>
<u>U. T. GALVESTON - DORMITORY REVENUE BONDS, SERIES 1955 - RESERVE FUND</u>				
<u>\$ 1,183</u>	GNMA, Pool #184, 8%, due 4/1/2001	<u>\$ 1,182.82</u>	<u>\$ -0-</u>	<u>8.00%</u>
<u>U. T. EL PASO - BUILDING REVENUE BONDS, SERIES 1969, RESERVE FUND</u>				
\$ 405	GNMA, Pool #184, 8%, due 4/1/2001	\$ 405.23	\$ -0-	8.00%
<u>6,641</u>	GNMA, Pool #121, 8%, due 11/15/2000	<u>6,640.77</u>	<u>152.34</u>	<u>8.00</u>
<u>\$ 7,046</u>		<u>\$ 7,046.00</u>	<u>\$ 152.34</u>	<u>8.00%</u>

BOND SALES AND MATURITIES
(October, 1971)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>U. T. EL PASO - STUDENT UNION BUILDING REVENUE BONDS, SERIES A AND B, 1967 - RESERVE FUND</u>				
\$ 433	GNMA, Pool #184, 8%, due 4/1/2001	\$ 432.61	\$ -0-	8.00%
<u>197</u>	GNMA, Pool #548, 8%, due 4/15/2001	<u>197.28</u>	(<u>11.84</u>)	<u>8.00</u>
<u>\$ 630</u>		<u>\$ 629.89</u>	<u>(\$ 11.84)</u>	<u>8.00%</u>
<u>U. T. ARLINGTON - HOUSING SYSTEM REVENUE BONDS - SERIES 1963- RESERVE FUND</u>				
<u>\$ 356</u>	GNMA, Pool #184, 8%, due 4/1/2001	<u>\$ 355.94</u>	<u>\$ -0-</u>	<u>8.00%</u>
<u>U. T. ARLINGTON - STUDENT CENTER FEE BONDS - SERIES 1960- RESERVE FUND</u>				
<u>\$ 438</u>	GNMA, Pool #184, 8%, due 4/1/2001	<u>\$ 438.08</u>	<u>\$ -0-</u>	<u>8.00%</u>
<u>U. T. ARLINGTON - GYMNASIUM FEE BONDS - SERIES 1961- RESERVE FUND</u>				
<u>\$ 452</u>	GNMA, Pool #184, 8%, due 4/1/2001	<u>\$ 451.77</u>	<u>\$ -0-</u>	<u>8.00%</u>
<u>U. T. ARLINGTON - STUDENT FEE REVENUE BONDS - SERIES 1964, SERIES 1966, AND SERIES 1968- RESERVE FUND</u>				
\$ 817	GNMA, Pool #548, 8%, due 4/15/2001	\$ 817.31	(\$ 49.04)	8.00%
<u>3,487</u>	GNMA, Pool #121, 8%, due 11/15/2000	<u>3,487.41</u>	<u>249.35</u>	<u>8.00</u>
<u>\$ 4,304</u>		<u>\$ 4,304.72</u>	<u>\$ 200.31</u>	<u>8.00%</u>

II. TRUST AND SPECIAL FUNDS

TRUST AND SPECIAL FUNDS - INVESTMENT MATTERS.--

REPORT OF SECURITIES TRANSACTIONS.--The following securities transactions have been made for the Trust and Special Funds in November, 1971. 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>Principal Cost</u>	<u>Yield</u>
	<u>CORPORATE BONDS:</u>		
	See Bond Purchase Schedule for Detail		
480,000	Common Trust Fund	\$ 460,606.50	7.58%
315,000	Hogg Foundation: W. C. Hogg Estate Fund	310,377.75	7.50
8,000	Winedale Stagecoach Inn-- Varner Acreage	6,910.00	10.00
10,000	The William Buchanan Chair in Internal Medicine - DMS	7,498.00	7.20
5,000	Anderson-Mayfair Mortgage Retirement Fund - AH	4,143.65	9.19
	Total - Corporate Bonds	<u>789,535.90</u>	<u>7.57%</u>
	<u>CORPORATE STOCKS:</u>		
	See Stock Purchase Schedule for Detail		
	Common Trust Fund	<u>661,357.45</u>	<u>2.87%</u>
	TOTAL - LONG TERM INVESTMENTS	<u>\$ 1,450,893.35</u>	
	<u>BONDS EXCHANGED IN:</u>		
	See Bond Exchange Schedule for Detail		
335,000	Common Trust Fund	\$ 284,128.39	6.28%
125,000	Hogg Foundation: W. C. Hogg Estate Fund	101,450.99	5.35
15,000	Hogg Foundation: Varner Properties	14,524.65	5.27
100,000	The William Buchanan Chair in Internal Medicine - DMS	73,822.34	7.15

INVESTMENTS ACQUIRED
(Continued)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Principal Cost</u>	<u>Yield</u>
<u>COMMERCIAL PAPER:</u>			
\$ 210,000	FMC 4-1/2% Note, due 12/20/71 (\$5,400 - The George M. Oliver Charitable Trust 5,400 - The Leila A. Oliver Charitable Trust 400 - Library Endowment Fund - UTEP 2,300 - Fessinger Memorial Lecture Fund - UTEP 1,100 - Julia Ann Ross Memorial Scholarship - UTEP 400 - Lydia Stark Memorial Scholarship in Speech Therapy - UTEP 3,200 - Capt. James R. Vairr Memorial Scholarship Fund - UTEP 2,800 - E. Ray Lockhart Library Memorial - UTEP)	\$ 210,000	4.51751%
240,000	FMC 4-1/2% Note, due 12/20/71 (Hogg Foundation: W. C. Hogg Estate Fund)	240,000	4.51807
16,000	SRAC 4-3/4% Note, due 1/4/72 (\$ 400 - Dora Dieterich Bonham Archives Guide Fund 600 - DeRosette Thomas Fund for Asa Mitchell Guidance Center 15,000 - Hogg Foundation: Unappropriated Income Account)	16,000	4.79045
50,000	SRAC 4-3/4% Note, due 1/25/72 (Office of Investments, Trusts and Lands - Clearing Account)	50,000	4.78918
36,000	SRAC 4-3/4% Note, due 2/28/72 (Josephine Clardy Fox Estate Fund - UTEP)	36,000	4.80708
39,400	SRAC 5% Note, due 5/1/72 (Board for Lease 1% Fee Fund)	39,400	5.12967

ITEMS DISPOSED OF

1404

<u>Par Value</u>	<u>Description and Fund</u>	<u>Principal Proceeds</u>	<u>Profit or (Loss)</u>	<u>Yield</u>
<u>U. S. GOVERNMENT AGENCY OBLIGATIONS:</u>				
See Bond Sales Schedule for Detail				
\$ 832	Hogg Foundation: W. C. Hogg Estate Fund	\$ 831.79	(\$ 13.80)	8.00%
368	Student Property Deposit Scholarship Fund	367.57	(1.20)	8.00
1,516	The William Buchanan Chair in Internal Medicine - Anderson Hospital	1,516.18	(50.29)	8.00
2,122	U. T. Austin - Dormitory Revenue Bond Fund, Series 1954 - Reserve Fund	2,121.74	(102.78)	8.00
615	U. T. Austin - Dormitory Revenue Bonds Fund, Series 1956 - Reserve Fund	615.46	(29.68)	8.00
824	U. T. Austin - Student Housing Revenue Bonds of 1963 - Reserve Fund	823.48	(8.53)	8.00
2,049	U. T. Austin - Housing System Revenue Bonds, Series 1967 - Reserve Fund	2,048.87	(58.61)	8.00
1,393	U. T. Austin - Building Revenue Bonds, Series 1969 - Utility Plant - Student Fee Revenue Bonds Reserve Fund	1,393.20	(89.76)	8.00
78	U. T. Austin - Combined Fee Revenue Bonds, Series 1970 & 1971- Reserve Fund	78.06	-0-	8.00
112	U. T. Austin - Student Union Revenue Bonds, Series 1958 - Reserve Fund	111.52	-0-	8.00
964	U. T. Galveston - Dormitory Revenue Bonds, Series 1955 - Reserve Fund	963.55	-0-	8.00
459	U. T. El Paso - Building Revenue Bonds, Series 1969 - Reserve Fund	459.11	2.78	8.00
543	U. T. El Paso - Student Union Building Revenue Bonds, Series A and B, 1967 - Reserve Fund	542.99	(11.24)	8.00

ITEMS DISPOSED OF
(Continued)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Principal Proceeds</u>	<u>Profit or (Loss)</u>	<u>Yield</u>
<u>U. S. GOVERNMENT AGENCY OBLIGATIONS: (Continued)</u>				
\$ 290	U. T. Arlington - Housing System Revenue Bonds - Series 1963 - Reserve Fund	\$ 289.95	\$ -0-	8.00%
357	U. T. Arlington - Student Center Fee Bonds - Series 1960 - Reserve Fund	356.86	-0-	8.00
368	U. T. Arlington - Gymnasium Fee Bonds - Series 1961 - Reserve Fund	368.02	-0-	8.00
858	U. T. Arlington - Student Fee Revenue Bonds - Series 1964 - Series 1966 - Series 1968 - Reserve Fund	<u>857.36</u>	<u>(18.63)</u>	<u>8.00</u>
	TOTAL - U. S. Government Agency Obligations	<u>13,745.71</u>	<u>(381.74)</u>	<u>8.00%</u>
<u>CORPORATE BONDS:</u>				
See Bond Sales Schedule for Detail				
11,000	Common Trust Fund	8,416.48	(586.70)	7.08%
25,000	Hogg Foundation: W. C. Hogg Estate Fund	18,170.00	827.50	7.13
3,000	Anderson-Mayfair Mortgage Retirement Fund - AH	<u>2,441.16</u>	<u>29.16</u>	<u>7.01</u>
	TOTAL - Corporate Bonds	<u>29,027.64</u>	<u>269.96</u>	<u>7.11%</u>
<u>CONVERTIBLE BONDS:</u>				
See Bond Sales Schedule for Detail				
88,000	Common Trust Fund	110,726.08	21,765.88	3.18%
151,000	Hogg Foundation: W. C. Hogg Estate Fund	189,995.88	37,833.18	3.18
44,000	Hogg Foundation: Varner Properties	<u>55,363.04</u>	<u>11,024.24</u>	<u>3.18</u>
	TOTAL - Convertible Bonds	<u>356,085.00</u>	<u>70,623.30</u>	<u>3.18%</u>

ITEMS DISPOSED OF
(Continued)

<u>Fair Value</u>	<u>Description and Fund</u>	<u>Principal Proceeds</u>	<u>Profit or (Loss)</u>	<u>Yield</u>
<u>CORPORATE STOCKS:</u>				
See Stock Sales Schedule for Detail				
	Hogg Foundation: W. C. Hogg Estate Fund	\$ 158.29	\$ 83.14	3.34%
	Winedale Stagecoach Inn- Varner Acreage	8,925.00	2,032.83	1.79
	Josephine Clardy Fox Estate Fund - UTEP	<u>36,359.00</u>	<u>6,011.00</u>	<u>1.02</u>
	TOTAL - Corporate Stocks	<u>45,442.29</u>	<u>8,126.97</u>	<u>1.17%</u>
TOTAL - LONG TERM INVESTMENTS SOLD				
		<u>\$444,300.64</u>	<u>\$78,638.49</u>	
<u>BONDS EXCHANGED OUT:</u>				
See Bond Exchange Schedule for Detail				
\$ 335,000	Common Trust Fund	\$287,932.54	-0-	6.16%
125,000	Hogg Foundation: W. C. Hogg Estate Fund	111,264.79	-0-	5.36
15,000	Hogg Foundation: Varner Properties	13,833.00	-0-	4.87
100,000	The William Buchanan Chair in Internal Medicine - DMS	81,754.64	-0-	7.00
<u>COMMERCIAL PAPER:</u>				
17,000	SRAC, 5-1/4% Note, due 11/1/71 (Toreador Trust Fund for Salary Supplementation of the School of Law)	17,000.00	-0-	5.29712
15,000	SRAC, 4-3/4% Note, due 1/4/72 (Brown Memorial Trust - Sold 11/ 5/71)	15,000.00	-0-	4.79045

ITEMS DISPOSED OF
(Continued)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Principal Proceeds</u>	<u>Profit or (Loss)</u>	<u>Yield</u>
	<u>COMMERCIAL PAPER: (Continued)</u>			
\$ 215,000	FMC, 4% Note, due 11/5/71 (Common Trust Fund)	\$ 215,000.00	-0-	4.00178%
407,000	SRAC, 5-3/8% Note, due 11/5/71 (Common Trust Fund)	407,000.00	-0-	5.37821
162,000	SRAC, 5-3/8% Note, due 11/ 5/71 (Common Trust Fund)	162,000.00	-0-	5.37821
627,000	FMC, 5-1/4% Note, due 11/18/71, prepaid 11/9/71 (\$267,000 - Common Trust Fund 360,000 - Hogg Foundation; W. C. Hogg Estate Fund)	627,000.00	-0-	5.27307
38,000	SRAC, 5-1/4% Note due 11/30/71 (\$30,000 - Faith Foundation Grant 6,000 - College of Engineer- ing - Ford Foundation Grant - Various Purposes 2,000 - Robertson-Poth Foundation)	38,000	-0-	5.31982

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND

(November, 1971)

BOND EXCHANGES

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>ISSUE RECEIVED</u>	<u>BOOK VALUE</u>		<u>BOOK</u>	<u>NEW BOOK YIELD</u>
				<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>YIELD IN- CREASE</u>	
\$ 35,000	Virginia Electric & Power Co. 1st & Ref. Mtge., 4-1/8%, due 10/1/86	Cincinnati Gas & Electric Co. 1st Mtge., 5%, due 5/1/90	\$ 27,987.20	\$ 29,601.05		.24%	6.44%
						\$	50.06*
50,000	Monongahela Power Co. 1st Mtge., 5-1/2%, due 3/1/96	Virginia Electric & Power Co. 1st & Ref. Mtge., 7-3/8%, due 3/1/2001	50,460.60	60,250.60		.47	5.90
						\$	80.53
50,000	Commonwealth Edison Co. 1st Mtge., 5-1/4%, due 4/1/96	Indianapolis Power & Light Co. 1st Mtge., 5-5/8%, due 5/1/97	50,620.34	51,528.34		.24	5.40
						\$	102.42
150,000	Southwestern Bell Tel. Co. Debs., 5-3/8%, due 6/1/2006	American Tel. & Tel. Co. Debs., 4-3/8%, due 5/1/99	111,474.00	95,697.00		.05	7.50
						\$	55.75
50,000	Ohio Edison Co. 1st Mtge., 4-1/2%, due 4/1/89	Pacific Tel. & Tel. Co. Debs., 4-5/8%, due 11/1/90	47,390.40	47,051.40		.17	5.12
						\$	88.64
<u>\$ 335,000</u>			<u>\$ 287,932.54</u>	<u>\$ 284,128.39</u>		<u>\$ 377.40</u>	
							(Total Income Improvement)

*Total Income Improvement, including income from investment of takeout (payup) on exchange.

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND

(November, 1971)

BOND PURCHASES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>COST</u>		<u>YIELD</u>
		<u>UNIT</u>	<u>TOTAL</u>	
\$ 200,000	Pacific Gas & Electric Co., 1st & Ref. Mtge., 7-1/2%, due 12/1/2003	\$100.00	\$ 200,000.00	7.50%
200,000	Southwestern Electric Power Co., 1st Mtge., 7-1/2%, due 10/1/2001	100.00	200,000.00	7.50
5,000	Gulf States Utilities Co., 1st Mtge., 5%, due 1/1/96	74.980	3,749.00	7.20
50,000	Household Finance Corp., Debs., 5-1/8%, due 10/1/80	79.25	39,625.00	8.50
25,000	Indianapolis Power & Light Co., 1st Mtge., 4-1/8%, due 3/1/88	68.93	<u>17,232.50</u>	<u>7.45</u>
<u>\$ 480,000</u>			<u>\$ 460,606.50</u>	<u>7.58%</u>

BOND SALES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>Convertible Bonds</u>				
<u>\$ 88,000</u>	First National City Bank, Convertible Capital Notes, 4%, due 7/1/90	<u>\$110,726.08</u>	<u>\$ 21,765.88</u>	<u>3.18%</u>
<u>Corporate Bonds</u>				
\$ 5,000	Commonwealth Edison Co., 1st Mtge., 5-1/4%, due 4/1/96	\$ 3,959.20	\$ 195.47	7.05%
<u>6,000</u>	Ohio Edison Co., 1st Mtge., 4-1/2%, due 4/1/89	<u>4,457.28</u>	(<u>782.17</u>)	<u>7.10</u>
<u>\$ 11,000</u>		<u>\$ 8,416.48</u>	(<u>586.70</u>)	<u>7.02%</u>

L & I Report - 73

1409

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND

(November, 1971)

STOCK PURCHASES

<u>NO. OF SHS.</u> <u>PURCHASED</u>	<u>ISSUE</u>	<u>COST</u>		<u>YIELD</u>
		<u>UNIT</u>	<u>TOTAL</u>	
2,000 Shs	American Cyanamid Company Common	\$ 30.75	\$ 62,027.60	4.03%
1,000 Shs	Dow Chemical Company Common	67.75 Net	67,750.00	2.66
2,000 Shs	Federated Department Stores, Inc. Common	45.25 Net	90,500.00	2.21
1,100 Shs	Ford Motor Company Common	68.00 Net	74,800.00	3.82
2,000 Shs	General Electric Company Common	58.625 Net	117,250.00	2.39
1,000 Shs	General Motors Corporation Common	78.25 Net	78,250.00	4.35
2,000 Shs	Westinghouse Electric Corporation Common	84.925 Avg.	<u>170,779.85</u>	<u>2.11</u>
			<u>\$ 661,357.45</u>	<u>2.87%</u>

HOGG FOUNDATION: W. C. HOGG ESTATE FUND

(November, 1971)

BOND EXCHANGES

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>ISSUE RECEIVED</u>	<u>BOOK VALUE</u>		<u>BOOK</u>	<u>NEW</u>
				<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>YIELD IN- CREASE</u>	<u>BOOK YIELD</u>
\$ 50,000	Virginia Electric & Power Co. 1st & Ref. Mtge., 4-1/8%, due 10/1/86	Houston Lighting & Power Co. 1st Mtge., 3-1/4%, due 3/1/86	\$ 47,971.10	\$ 44,006.10	-.11%	4.39%	\$ 70.55*
25,000	Ohio Edison Co. 1st Mtge., 4-1/2%, due 4/1/89	Houston Lighting & Power Co. 1st Mtge., 3%, due 3/1/89	25,168.66	21,284.16	-.22	4.22	\$ 72.04
15,000	Ditto	Consumers Power Co. 1st Mtge., 4-5/8%, due 12/1/90	15,101.19	14,964.24	.20	4.64	\$ 34.12
35,000	Cincinnati Gas & Electric Co. 1st Mtge., 5%, due 5/1/90	Ditto	23,023.84	21,196.49	.23	9.00	\$ 25.54
<u>\$ 125,000</u>			<u>\$ 111,264.79</u>	<u>\$ 101,450.99</u>		<u>\$ 202.25</u>	(Total Income Improvement)

*Total Income Improvement, including income from investment of takeout (payup) on exchange.

HOGG FOUNDATION: W. C. HOGG ESTATE FUND
(November, 1971)

BOND PURCHASES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>UNIT</u>	<u>COST</u>	<u>YIELD</u>
			<u>TOTAL</u>	
\$ 15,000	Niagara Mohawk Power Corp., Gen. Mtge., 4-1/2%, due 11/1/91	\$ 69.185	\$ 10,377.75	7.50%
300,000	Southwestern Electric Power Co., 1st Mtge., 7-1/2%, due 10/1/2001	100.00	<u>300,000.00</u>	<u>7.50</u>
<u>\$ 315,000</u>			<u>\$ 310,377.75</u>	<u>7.50%</u>

BOND SALES AND MATURITIES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>Convertible Bonds</u>				
<u>\$ 151,000</u>	First National City Bank, Convertible Capital Notes, 4%, due 7/1/90	<u>\$189,995.88</u>	<u>\$ 37,833.18</u>	<u>3.18%</u>
<u>Corporate Bonds</u>				
<u>\$ 25,000</u>	Virginia Electric & Power Co., 1st & Ref. Mtge., 4-1/8%, due 10/1/86	<u>\$ 18,170.00</u>	<u>\$ 827.50</u>	<u>7.13%</u>
<u>U. S. Government Obligations</u>				
\$ 395	GNMA, Pool #548, 8%, due 4/15/2001	\$ 394.80	(\$ 23.29)	8.00%
<u>437</u>	GNMA, Pool #650, 8%, due 4/15/2001	<u>436.99</u>	<u>9.49</u>	<u>8.00</u>
<u>\$ 832</u>		<u>\$ 831.79</u>	<u>(\$ 13.80)</u>	<u>8.00%</u>

STOCK SALES

<u>NO. OF SHARES SOLD</u>	<u>ISSUE</u>	<u>NET SALES PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
4 Shs.	First National City Corporation Common	<u>\$ 158.29</u>	<u>\$ 83.14</u>	<u>3.34%</u>

HOGG FOUNDATION: VARNER PROPERTIES

(November, 1971)

BOND EXCHANGES

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>ISSUE RECEIVED</u>	<u>BOOK VALUE</u>		<u>BOOK</u>	<u>NEW</u>
				<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>	<u>IN- CREASE</u>	<u>BOOK YIELD</u>
\$ 15,000	Virginia Electric & Power Co.	Cincinnati Gas & Electric Co.	\$ 13,833.00	\$ 14,524.65	.40%	5.27%	
	1st & Ref. Mtge., 4-1/8%, due 10/1/86	1st Mtge., 5%, due 5/1/90					
						\$ 39.91*	
						(Total Income Improvement)	

*Total Income Improvement, including income from investment of takeout (payup) on exchange.

BOND SALES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
	<u>Convertible Bonds</u>			
\$ 44,000	First National City Bank, Convertible Capital Notes, 4%, due 7/1/90	\$ 55,363.04	\$ 11,024.24	3.18%

WINEDALE STAGECOACH INN - VARNER ACREAGE

(November, 1971)

BOND PURCHASES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>UNIT</u>	<u>COST TOTAL</u>	<u>YIELD</u>
<u>\$ 8,000</u>	Beneficial Loan Corp., Notes, 3-3/8%, due 4/1/74	\$ 86.375	<u>\$ 6,910.00</u>	<u>10.00%</u>

STOCK SALES

<u>NO. OF SHARES SOLD</u>	<u>ISSUE</u>	<u>NET SALES PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
200 Shs.	Sterling Drug Inc. Common	<u>\$ 8,925.00</u>	<u>\$ 2,032.83</u>	<u>1.79%</u>

JOSEPHINE CLARDY FOX ESTATE FUND - U. T. EL PASO

(November, 1971)

STOCK SALES

267 Shs.	The Bank of El Paso, El Paso, Texas Common Capital	\$ 18,423.00	\$ 2,136.00	--
236 Shs.	El Paso National Bank, El Paso, Texas Common Capital	<u>17,936.00</u>	<u>3,875.00</u>	<u>1.02%</u>
		<u>\$ 36,359.00</u>	<u>\$ 6,011.00</u>	<u>1.02%</u>

THE WILLIAM BUCHANAN CHAIR IN INTERNAL MEDICINE - DALLAS MEDICAL SCHOOL

(November, 1971)

BOND EXCHANGES

<u>PAR VALUE</u>	<u>ISSUE EXCHANGED</u>	<u>DESCRIPTION</u>	<u>BOOK VALUE</u>		<u>BOOK YIELD IN- CREASE</u>	<u>NEW BOOK YIELD</u>
			<u>ISSUE EXCHANGED</u>	<u>ISSUE RECEIVED</u>		
\$ 45,000	Pacific Gas & Electric Co. 1st & Ref. Mtge., 5-1/2%, due 6/1/99	Indianapolis Power & Light Co. 1st Mtge., 5-1/8%, due 4/1/96	\$ 36,789.59	\$ 34,557.79	.15% \$ 56.30*	7.15%
45,000	Ditto	Northern States Power Co. (Wisconsin) 1st Mtge., 4-1/2%, due 8/1/94	36,789.59	31,718.09	.14 \$ 54.55	7.14
10,000	Ditto	Gulf States Utilities Co. 1st Mtge., 5%, due 1/1/96	8,175.46	7,546.46	.15 \$ 12.58	7.15
<u>\$ 100,000</u>			<u>\$ 81,754.64</u>	<u>\$ 73,822.34</u>	<u>\$ 123.43</u> (Total Income Improvement)	

BOND PURCHASES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>COST</u>		<u>YIELD</u>
		<u>UNIT</u>	<u>TOTAL</u>	
<u>\$ 10,000</u>	Gulf States Utilities Co., 1st Mtge., 5%, due 1/1/96	\$ 74.980	<u>\$ 7,498.00</u>	<u>7.20%</u>

BOND SALES AND MATURITIES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>\$ 1,516</u>	GNMA, Pool #650, 8%, due 4/15/2001	<u>\$ 1,516.18</u>	<u>(\$ 50.29)</u>	<u>8.00%</u>

*Total Income Improvement, including income from investment of takeout (payup) on exchange.

L & I Report - 79

1015

ANDERSON-MAYFAIR MORTGAGE RETIREMENT FUND - ANDERSON HOSPITAL

(November, 1971)

BOND PURCHASES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>UNIT</u>	<u>COST</u>	<u>TOTAL</u>	<u>YIELD</u>
\$ 2,000	Appalachian Electric Power Co., 1st Mtge., 3-1/8%, due 12/1/77	\$ 77.62	\$	1,552.40	7.84%
<u>3,000</u>	Beneficial Loan Corp., Notes, 3-3/8%, due 4/1/74	86.375		<u>2,591.25</u>	<u>10.00</u>
<u>\$ 5,000</u>			\$	<u>4,143.65</u>	<u>9.19%</u>

BOND SALES

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>\$ 3,000</u>	Public Service Co. of Colorado, 1st Mtge., 2-7/8%, due 6/1/77	<u>\$ 2,441.16</u>	<u>\$ 29.16</u>	<u>7.01%</u>

BOND SALES AND MATURITIES
(November, 1971)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>STUDENT PROPERTY DEPOSIT SCHOLARSHIP FUND</u>				
\$ 326	GNMA, Pool #184, 8%, due 4/1/2001	\$ 325.64	\$ -0-	8.00%
42	GNMA, Pool #121, 8%, due 11/15/2000	41.93	(1.20)	8.00
<u>\$ 368</u>		<u>\$ 367.57</u>	<u>(\$ 1.20)</u>	<u>8.00%</u>
<u>U. T. AUSTIN - DORMITORY REVENUE BOND FUND, SERIES 1954 - RESERVE FUND</u>				
\$ 379	GNMA, Pool #184, 8%, due 4/1/2001	\$ 379.17	\$ -0-	8.00%
1,743	GNMA, Pool #548, 8%, due 4/15/2001	1,742.57	(102.78)	8.00
<u>\$ 2,122</u>		<u>\$ 2,121.74</u>	<u>(\$ 102.78)</u>	<u>8.00%</u>
<u>U. T. AUSTIN - DORMITORY REVENUE BOND FUND, SERIES 1956 - RESERVE FUND</u>				
\$ 358	GNMA, Pool #548, 8%, due 4/15/2001	\$ 358.50	(\$ 21.15)	8.00%
257	GNMA, Pool #650, 8%, due 4/15/2001	256.96	(8.53)	8.00
<u>\$ 615</u>		<u>\$ 615.46</u>	<u>(\$ 29.68)</u>	<u>8.00%</u>
<u>U. T. AUSTIN - STUDENT HOUSING REVENUE BONDS OF 1963 - RESERVE FUND</u>				
\$ 567	GNMA, Pool #184, 8%, due 4/1/2001	\$ 566.52	\$ -0-	8.00%
257	GNMA, Pool #650, 8%, due 4/15/2001	256.96	(8.53)	8.00
<u>\$ 824</u>		<u>\$ 823.48</u>	<u>(\$ 8.53)</u>	<u>8.00%</u>

BOND SALES AND MATURITIES
(November, 1971)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>U. T. AUSTIN - HOUSING SYSTEM REVENUE BONDS, SERIES 1967 - RESERVE FUND</u>				
\$ 339	GNMA, Pool #184, 8%, due 4/1/2001	\$ 339.02	\$ -0-	8.00%
585	GNMA, Pool #548, 8%, due 4/15/2001	585.40	(34.53)	8.00
982	GNMA, Pool #650, 8%, due 4/15/2001	981.94	(32.58)	8.00
<u>143</u>	GNMA, Pool #121, 8%, due 11/15/2000	<u>142.51</u>	<u>8.50</u>	<u>8.00</u>
<u>\$ 2,049</u>		<u>\$ 2,048.87</u>	<u>(\$ 58.61)</u>	<u>8.00%</u>
<u>U. T. AUSTIN - BUILDING REVENUE BONDS, SERIES 1969 UTILITY PLANT - STUDENT FEE REVENUE BONDS RESERVE FUND</u>				
\$ 476	GNMA, Pool #548, 8%, due 4/15/2001	\$ 476.49	(\$ 28.10)	8.00%
<u>917</u>	GNMA, Pool #121, 8%, due 11/15/2000	<u>916.71</u>	<u>(61.66)</u>	<u>8.00</u>
<u>\$ 1,393</u>		<u>\$ 1,393.20</u>	<u>(\$ 89.76)</u>	<u>8.00%</u>
<u>U. T. AUSTIN - COMBINED FEE REVENUE BONDS, SERIES 1970 & 1971 - RESERVE FUND</u>				
<u>\$ 78</u>	GNMA, Pool #184, 8%, due 4/1/2001	<u>\$ 78.06</u>	<u>\$ -0-</u>	<u>8.00%</u>
<u>U. T. AUSTIN - STUDENT UNION REVENUE BONDS, SERIES 1958 - RESERVE FUND</u>				
<u>\$ 112</u>	GNMA, Pool #184, 8%, due 4/1/2001	<u>\$ 111.52</u>	<u>\$ -0-</u>	<u>8.00%</u>

BOND SALES AND MATURITIES
(November, 1971)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>U. T. GALVESTON - DORMITORY REVENUE BONDS, SERIES 1955 - RESERVE FUND</u>				
<u>\$ 964</u>	GNMA, Pool #184, 8%, due 4/1/2001	<u>\$ 963.55</u>	<u>\$ -0-</u>	<u>8.00%</u>
<u>U. T. EL PASO - BUILDING REVENUE BONDS, SERIES 1969, RESERVE FUND</u>				
\$ 330	GNMA, Pool #184, 8%, due 4/1/2001	\$ 330.10	\$ -0-	8.00%
<u>129</u>	GNMA, Pool #121, 8%, due 11/15/2000	<u>129.01</u>	<u>2.78</u>	<u>8.00</u>
<u>\$ 459</u>		<u>\$ 459.11</u>	<u>\$ 2.78</u>	<u>8.00%</u>
<u>U. T. EL PASO - STUDENT UNION BUILDING REVENUE BONDS, SERIES A AND B, 1967 - RESERVE FUND</u>				
\$ 352	GNMA, Pool #184, 8%, due 4/1/2001	\$ 352.40	\$ -0-	8.00%
<u>191</u>	GNMA, Pool #548, 8%, due 4/15/2001	<u>190.59</u>	(<u>11.24</u>)	<u>8.00</u>
<u>\$ 543</u>		<u>\$ 542.99</u>	(<u>\$ 11.24</u>)	<u>8.00%</u>
<u>U. T. ARLINGTON - HOUSING SYSTEM REVENUE BONDS - SERIES 1963 - RESERVE FUND</u>				
<u>\$ 290</u>	GNMA, Pool #184, 8%, due 4/1/2001	<u>\$ 289.95</u>	<u>\$ -0-</u>	<u>8.00%</u>
<u>U. T. ARLINGTON - STUDENT CENTER FEE BONDS - SERIES 1960 - RESERVE FUND</u>				
<u>\$ 357</u>	GNMA, Pool #184, 8%, due 4/1/2001	<u>\$ 356.86</u>	<u>\$ -0-</u>	<u>8.00%</u>

BOND SALES AND MATURITIES
(November, 1971)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD</u>
<u>U. T. ARLINGTON - GYMNASIUM FEE BONDS - SERIES 1961 - RESERVE FUND</u>				
<u>\$ 368</u>	GNMA, Pool #184, 8%, due 4/1/2001	<u>\$ 368.02</u>	<u>\$ -0-</u>	<u>8.00%</u>
<u>U. T. ARLINGTON - STUDENT FEE REVENUE BONDS - SERIES 1964, SERIES 1966, AND SERIES 1968 - RESERVE FUND</u>				
\$ 790	GNMA, Pool #548, 8%, due 4/15/2001	\$ 789.61	(\$ 23.29)	8.00%
<u>68</u>	GNMA, Pool #121, 8%, due 11/15/2000	<u>67.75</u>	<u>4.66</u>	<u>8.00</u>
<u>\$ 858</u>		<u>\$ 857.36</u>	<u>(\$ 18.63)</u>	<u>8.00%</u>