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Committee Meeting: 2/17/2011

Board Meeting: 2/18/2011  
Austin, Texas

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1. **U. T. Arlington: Authorization to enter into a memorandum of understanding with the City of Arlington to create and operate a community garden on approximately 0.49 of an acre of land west of and adjacent to U. T. Arlington's Environmental Center at 406 Summit Avenue, Arlington, Tarrant County, Texas, in support of the institution's sustainability initiative; and finding of public purpose**

### RECOMMENDATION

The Chancellor concurs in the recommendation of the Executive Vice Chancellor for Academic Affairs, the Vice Chancellor and General Counsel, and President Spaniolo that authorization be granted by the U. T. System Board of Regents, on behalf of U. T. Arlington, to

- a. enter into a memorandum of understanding with the City of Arlington to create and operate a community garden on approximately 0.49 of an acre of land west of and adjacent to U. T. Arlington's Environmental Center at 406 Summit Avenue, Arlington, Tarrant County, Texas, in support of the institution's sustainability initiative;
- b. determine that the community garden project with the City of Arlington serves a public purpose appropriate to the function of U. T. Arlington, and that the consideration to U. T. System and U. T. Arlington for the community garden project is adequate; and
- c. authorize the Executive Director of Real Estate to execute the memorandum of understanding and all other documents, instruments, and other agreements, and to take all further actions deemed necessary or advisable to carry out the purpose and intent of the foregoing recommendations.

### BACKGROUND INFORMATION

U. T. Arlington and the City of Arlington seek to create the Arlington Community Garden under the joint control of the institution and the City for use by City residents and faculty, staff, and students of U. T. Arlington. The establishment of a community garden will further the institution's efforts to lead in sustainability initiatives and will enable research by various U. T. Arlington divisions.

The School of Urban and Public Affairs will study the garden's effect on the perceptions of quality of life and social contacts in the neighborhood, as well as any effect on property values and social effects. Students of the Landscape and Habitat Department of the institution's School of Architecture initially designed the layout of the garden and

plan to use the garden to study which plants are best suited for urban conditions. The garden also allows the institution's faculty, staff, and students to practice composting, mulching, organic gardening, rain water harvesting, drip irrigation, and xeriscaping. The City of Arlington has agreed to commit up to \$50,000 to create the community garden and to spend \$7,000 annually for water during the term of the agreement. In exchange, City residents will be able to use the garden. The institution estimates minimal annual operating and maintenance costs that will primarily consist of providing mulch from the institution's existing supplies. The garden will be jointly managed by the institution and the City with the annual budget approved by U. T. Arlington and the City. Although the memorandum of understanding will have a five-year term, either party may terminate participation in the project on 120 days' notice.

The obligations of the City of Arlington and the rights and remedies of U. T. Arlington proposed under the memorandum of understanding are designed to comply with the requirements enunciated by the Attorney General of the State of Texas. In Opinion No. MW-373 (1981), the Texas Attorney General stated that, for the use of university property without cash rental payments to comply with the Texas Constitution, three requirements must be met: (1) the use of the property must serve a public purpose appropriate to the function of the university; (2) adequate consideration must be received by the university; and (3) the university must maintain controls over the user's activity to ensure that the public purpose is achieved.

U. T. Arlington has concluded for the reasons stated above that participation in the community garden project would serve a public purpose supporting the mission of the institution.

A transaction summary and map depicting the proposed community garden follow.

#### Transaction Summary

Institution:	U. T. Arlington
Type of Transaction:	Joint development and administration of the Arlington Community Garden; the City of Arlington will contribute up to \$50,000 to create the community garden and \$7,000 annually for water during the term of the agreement; the institution will contribute minimal annual operating and maintenance costs, primarily consisting of providing mulch from its existing supplies
Other party:	City of Arlington
Total Area:	Approximately 0.49 of an acre

Location:

West of and adjacent to U. T. Arlington's Environmental Center at 406 Summit Avenue, Arlington, Tarrant County, Texas, and near the corner of UTA Boulevard and Summit Avenue (see map on next page)

S Center St

# U. T. ARLINGTON CAMPUS

E Abrams St

UTA Blvd

Summit Ave

S Davis Blvd

Community Garden



W Park Row Dr

W Mitchell St

2. **U. T. Austin: Authorization to purchase approximately 3.78 unimproved acres located in Austin, Travis County, Texas, near University Club Drive and approximately 0.2 of a mile north of the University of Texas Golf Club in Steiner Ranch, to be more particularly described as the Tennis Master Unit of the Steiner Ranch Master Unit No. 8 Master Condominiums, together with an undivided interest in the common elements, from Taylor Woodrow Communities/Steiner Ranch, Ltd., a Texas limited partnership, for a price not to exceed fair market value as determined by independent appraisals for use as the site of an indoor and outdoor tennis facility and related facilities**

### RECOMMENDATION

The Chancellor concurs in the recommendation of the Executive Vice Chancellor for Academic Affairs, the Vice Chancellor and General Counsel, and President Powers that authorization be granted by the U. T. System Board of Regents, on behalf of U. T. Austin, to

- a. purchase approximately 3.78 unimproved acres located in Austin, Travis County, Texas, near University Club Drive and approximately 0.2 of a mile north of the University of Texas Golf Club in Steiner Ranch, to be more particularly described as the Tennis Master Unit of the Steiner Ranch Master Unit No. 8 Master Condominiums, together with an undivided interest in the common elements, from Taylor Woodrow Communities/Steiner Ranch, Ltd., a Texas limited partnership, for a purchase price not to exceed fair market value as determined by independent appraisals, plus all due diligence expenses, closing costs, and other costs and expenses to complete the acquisition as deemed necessary or advisable by the Executive Director of Real Estate, for use as the site of an indoor and outdoor tennis facility and related facilities; and
- b. authorize the Executive Director of Real Estate to execute all documents, instruments, and other agreements, and to take all further actions deemed necessary or advisable to carry out the purpose and intent of the foregoing recommendation.

### BACKGROUND INFORMATION

The 3.78-acre condominium land unit includes a proportional interest in the common areas that include a roadway and parking and drainage areas. Acquisition of the property would enable U. T. Austin to undertake the construction and operation of a tennis facility with six indoor tennis courts, four outdoor tennis courts, locker rooms for the institution's tennis teams and related facilities.

The tennis facility would permit the institution's tennis teams to practice during inclement weather, properly prepare for indoor tournaments, and host collegiate competitions. The institution's current facilities do not permit such activities. The proposed tennis facility is near the privately-owned University of Texas Golf Club, a course that is also used by the institution's golf teams. The Golf Club is also the site of the U. T. Golf Academy, which provides academic, training, and other service areas benefiting the men's and women's varsity golf teams.

While a condominium interest in a building is more common than a condominium interest in land, the latter structure is being used with more frequency in Austin and other developing but highly regulated areas. A developer may opt for such a structure when subdividing is not feasible but separate ownership of parcels is desired or when there are common facilities intended to serve a number of parcels.

Steiner Ranch is a large planned community. The developer and seller, Taylor Woodrow Communities/Steiner Ranch, Ltd., has chosen to use a condominium regime to develop this part of the project to accommodate the needs of the tennis facility and a planned swimming pool and residential casitas on the adjoining condominium land units, all of which will share a common road and drainage area. Care is being taken to assure that U. T. Austin has sufficient control of its property to enable it to be developed as planned and to assure that common area costs are appropriately allocated.

The Declaration of Condominium Regime has not yet been filed of record in the Official Public Records of Travis County. Steiner Ranch Master Unit No. 8 Master Condominiums is to be established on the real property described as Lot 413, Block A, Steiner Ranch Phase One, Section 10A, a subdivision in Travis County, Texas, according to the subdivision plat recorded as Document No. 200300065 in the Official Public Records of Travis County, Texas.

Gift funds will be used to fund the purchase. A transaction summary and map showing the location of the subject property follow.

#### Transaction Summary

Institution:	U. T. Austin
Type of Transaction:	Purchase
Total Area:	Approximately 3.78-acre condominium land unit plus a proportional condominium interest in the common areas that include a roadway and parking and drainage areas
Improvements:	None



Location: Near University Club Drive and approximately 0.2 of a mile north of the University of Texas Golf Club in Steiner Ranch, and to be more particularly described as Tennis Master Unit, Steiner Ranch Master Unit No. 8 Master Condominiums, Austin, Travis County, Texas (see map on next page)

Seller: Taylor Woodrow Communities/Steiner Ranch, Ltd., a Texas limited partnership

Purchase Price: Not to exceed fair market value as determined by independent appraisals

Appraised Value: \$886,000 (Integra Realty Resources, Inc., August 11, 2010); \$1,025,000 (The Aegis Group, Inc., December 8, 2010)

Source of Funds: Gift funds

Intended Use: Site for an indoor and outdoor tennis facility and related facilities



Subject Property

TENNIS FACILITY

PARKING

UT Golf Club

UT Golf Academy

University Club Drive

Eagles Glen Dr



Subject Property

UT

Google

© 2010

3. **U. T. El Paso: Authorization to establish a Doctor of Nursing Practice (DNP) degree within the School of Nursing**

RECOMMENDATION

The Chancellor concurs in the recommendation of the Executive Vice Chancellor for Academic Affairs and President Natalicio that authorization, pursuant to the Regents' *Rules and Regulations*, Rule 40307, related to academic program approval standards, be granted to

- a. establish a Doctor of Nursing Practice (DNP) degree at U. T. El Paso; and
- b. submit the proposal to the Texas Higher Education Coordinating Board for review and appropriate action.

BACKGROUND INFORMATION

Program Description

U. T. El Paso requests authority to offer a DNP degree. The proposed program is designed to significantly increase the number of doctorally trained primary care providers in the underserved El Paso community and to prepare bilingual health care providers who are well qualified to serve the needs of Hispanic populations in the border region and throughout the State of Texas. The program expects to contribute to the State's Closing the Gaps initiative by increasing the number of Hispanic doctoral graduates.

Requirements for the DNP degree include: completing an approved program of coursework, and development of a Clinical Scholarship Portfolio that demonstrates competency in evidence-based practice, clinical scholarship, and leadership skills, as well as systems knowledge, familiarity with information technology, health care policy, and initiation, implementation, evaluation, and dissemination of an evidence-based clinical research project. The curriculum and learning objectives for the proposed program are based on the "DNP Essentials," established by the American Association of Colleges of Nursing (AACN). The proposed program consists of a six-semester, 45-credit hour curriculum that includes 540 clinical hours, the majority of which (360) are to be completed as part of a capstone learning experience during a student's final semester of enrollment in the program.

Need and Demand

In October 2004, the members of the AACN endorsed the Position Statement on the Practice Doctorate in Nursing that called for elevating the level of preparation for

advanced nursing practice roles from the master's to the doctoral level by 2015. The nation's complex health care environment requires that nurses serving in specialty positions have the highest level of scientific knowledge and practice expertise.

According to the Texas DNP Roadmap Task Force (2006), it is highly likely that Texas nurses seeking advanced training will be forced to leave the state and may be lost to out-of-state health care markets if Texas does not have sufficient and accessible DNP degree programs. Texas nursing leaders and the Texas Higher Education Coordinating Board (THECB) recognized the needs of West Texas when advocating for the development of DNP programs and recommended that U. T. El Paso serve as one of three schools for this practice-oriented doctoral degree. If approved, this would be the only DNP program on the U.S.-Mexico border and the only program serving a primarily Mexican-American population.

A DNP with a focus on border health is in high demand as the U.S. Hispanic population increases. We expect a sufficient applicant pool for the initial years and a sustainable pool in the long term, particularly as the DNP replaces master's-level preparation by 2015. Immediate demand estimated by a market survey revealed that of 75 respondents, 53 were interested in seeking admission to a DNP program and another 13 recognized the need for a DNP at U. T. El Paso.

#### Program Quality

There are 24 tenured/tenure-track/clinical faculty members that will support the proposed program. All faculty members are active clinicians with expertise in particular areas of nursing practice. Faculty members are principal investigators on grants totaling over \$12 million.

The program will be housed in a brand-new, state-of-the-art College of Health Sciences and School of Nursing building that will be completed in early 2011. The building will include laboratories, classrooms, research facilities equipped with the latest technological equipment, and a 15,000 square foot simulation center to study standardized patients.

#### Program Cost

The operating costs of the proposed program total approximately \$1,719,234 over five years. Costs include \$143,000 in new faculty salaries, \$1,131,817 in reallocated faculty salaries, \$205,505 for program administration, and \$238,912 to support new staff hires. Revenues of \$656,477 in formula funding, \$1,337,324 in reallocated funds, and \$338,033 in designated and differential student tuition are expected to fully fund the program.

4. **U. T. El Paso: Authorization to establish a Ph.D. degree in Ecology and Evolutionary Biology**

RECOMMENDATION

The Chancellor concurs in the recommendation of the Executive Vice Chancellor for Academic Affairs and President Natalicio that authorization, pursuant to the Regents' *Rules and Regulations*, Rule 40307, related to academic program approval standards, be granted to

- a. establish a Ph.D. degree in Ecology and Evolutionary Biology at U. T. El Paso; and
- b. submit the proposal to the Texas Higher Education Coordinating Board for review and appropriate action.

BACKGROUND INFORMATION

Program Description

U. T. El Paso requests authority to implement a new Ph.D. program in Ecology and Evolutionary Biology (EEB). The program is designed to prepare future researchers and academics in the field of ecology and evolutionary biology and to reduce the educational achievement gaps that threaten the State's competitive position in education and the global economy by increasing the number of Hispanic doctoral graduates. The proposed program is a critical component of U. T. El Paso's research strategic plan to advance to Tier One National Research University status and build on the University's impressive record of obtaining highly competitive extramurally funded research projects, thereby generating positive returns from U. T. System and State investments in the University's research and instructional infrastructure. Integral to U. T. El Paso's commitment to providing access to a wide range of excellent educational programs, the proposed EEB program will be unique to the West Texas region. Currently, there are only two programs in ecology and evolution in the State of Texas, and they are located over 500 miles from El Paso, at U. T. Austin and Rice University.

The EEB program will focus on research and teaching activities especially relevant to the ecology of the northern Chihuahuan Desert. This region, larger than the state of California and four times the size of England, covers an area of approximately 85,000 square miles in the U.S. and 115,000 square miles in Mexico. Although the Nature Conservancy and the World Wildlife Fund consider it one of the world's most biologically diverse areas, to date the Chihuahuan Desert has not been extensively studied.

The EEB doctoral curriculum will consist of 15 semester credit hours of core courses, 39 semester credit hours of combined free electives and doctoral research, as well as 6 semester credit hours of dissertation. A minimal total of 60 credits will be required for the degree. Over 40 courses, many of which can be applied for credit by students seeking an EEB doctorate, are taught by the Departments of Biological Sciences Geological Sciences, and the Department of Mathematical Sciences, as well as within the Environmental Sciences and Engineering Doctoral Program. All students will be required to conduct original research and complete a dissertation, which will be defended before the doctoral committee and members of the Department of Biological Sciences.

The proposed program will add a total of about 30 doctoral students to the Biological Sciences Department over the next five years.

### Need and Demand

U. T. El Paso is the largest doctoral/research intensive university in the United States with a Mexican-American majority student population, which closely mirrors the demographics of the U.S.-Mexico border region. Although there has been modest growth in the number of Hispanics completing graduate degrees in the biological sciences, nationally only about 4% of all biology graduate students are Hispanic and about 5% of earned doctorates in the biological sciences are awarded to Hispanics. Furthermore, the vast majority of these doctorates are in the biomedical/molecular biology fields, not in ecology and evolutionary biology. Therefore, the proposed EEB doctoral program is anticipated to have an enormous impact on the graduate education of Hispanic students in the United States.

The need for highly trained scientists who understand the principles of ecology and evolutionary biology has been stimulated by concern over the impact of global climate change on natural communities and their evolutionary fate. There is little doubt that demand for ecology and evolutionary biologists will be spurred by the need to develop new and improved methods to remediate and preserve the natural environment. Ecology and evolutionary biologists are needed in environmental regulatory agencies and to serve as technical consultants qualified to advise policy makers on environmental issues. Lastly, academia is faced with an aging workforce and increasing retirements, creating a need for new EEB scholars and teachers.

### Program Quality

The proposed EEB program will include a core faculty of 10 tenured/tenure-track faculty members. An additional nine tenured/tenure-track faculty members will serve as support faculty for the program, and additional faculty will be recruited as needed. All faculty members are active researchers.

In addition to existing research and university facilities, the proposed program will be supported by a new, state-of-the-art, 140,000 square-foot bioscience research building,

funded in part through the National Institute of Health (NIH)/National Center for Research Resources (NCRR's) Research Centers in Minority Institutions (RCMI) program. In addition to housing the individual research laboratories of 22 tenured and tenure-track faculty members, the Biosciences Research Building houses Biochemical and Biophysical Research Communication (BBRC) Core labs in Cell Culture and High Throughput Screening, DNA Analysis, Analytical Cytology, and Biomolecule Analysis with Bioinformatics and Statistical Consulting support.

### Program Cost

The operating cost of the proposed program total approximately \$2,289,896 over a five-year period. Costs include \$603,462 for graduate assistantships, \$401,817 to support the hiring of two tenure-track faculty members in year three of the program, \$456,200 to purchase new equipment, \$278,548 for program administration, \$200,000 for facilities, \$25,000 for supplies and materials, \$24,869 for library and information technology resources, and \$300,000 in faculty start-up funding. Revenues totaling \$2,549,141 include \$1,043,716 from formula funding, \$637,279 in external funding, \$637,378 in reallocated funds, and \$275,768 in differential student tuition, and are expected to fully fund the program.

## **5. U. T. Dallas: Request to approve renaming of the Multipurpose and Administration Building as the Administration Building**

### RECOMMENDATION

The Chancellor concurs in the recommendation of the Executive Vice Chancellor for Academic Affairs and President Daniel that the U. T. System Board of Regents rename the Multipurpose and Administration Building as the Administration Building.

### BACKGROUND INFORMATION

The Multipurpose and Administration Building was originally named the Multipurpose and Engineering Start-up Facility in 1987. It was changed to its current name in 1990 when the Engineering Building opened.

U. T. Dallas has gradually moved academic functions out of the building and into a more modern and suitable classroom and laboratory space. The proposed renaming is appropriate as the building will be used only for administrative functions and serves as the Administration Building for the University.

The proposed naming is consistent with the Regents' *Rules and Regulations*, Rule 80307, relating to the Board's naming policy.

6. **U. T. San Antonio: Request to approve renaming of the Physical Science Laboratory and the Life Science Laboratory as the Science Research Laboratories**

RECOMMENDATION

The Chancellor concurs in the recommendation of the Executive Vice Chancellor for Academic Affairs, the Vice Chancellor for External Relations, and President Romo that the U. T. System Board of Regents approve the renaming of the Physical Science Laboratory and the Life Science Laboratory at U. T. San Antonio as the Science Research Laboratories.

BACKGROUND INFORMATION

The Physical Science Laboratory and the Life Science Laboratory were originally built in 1975 and are located on the west side of the main campus at the intersection of Sam Barshop and West Campus Road. The buildings have traditionally supported chemistry and biology research and teaching programs. They have been renovated to meet the demands of research on campus and are now connected by a covered breezeway, creating a common building.

U. T. San Antonio proposes to rename the common building as the Science Research Laboratories. The proposed naming is consistent with the U. T. San Antonio building guidelines and is appropriate as it better reflects the broad range of research being conducted in the common building – chemistry, biology, and physics research – and also offers flexibility for future research activities.

The proposed naming is consistent with the Regents' *Rules and Regulations*, Rule 80307, relating to the naming of facilities.

7. **U. T. System Board of Regents: Amendment to the Regents' Rules and Regulations, Rule 40601, Section 1.3 to add Subsection (I) to reflect the creation of the University College at U. T. Arlington**

RECOMMENDATION

The Chancellor concurs in the recommendation of the Executive Vice Chancellor for Academic Affairs, the Vice Chancellor and General Counsel, and President Spaniolo that the Regents' *Rules and Regulations*, Rule 40601, Section 1.3, concerning institutions comprising The University of Texas System, be amended to reflect the creation of the University College at U. T. Arlington as set forth on the next page in congressional style.



Sec. 1 Official Titles. The U. T. System is composed of the institutions and entities set forth below. To ensure uniformity and consistence of usage throughout the U. T. System, the institutions and their respective entities shall be listed in the following order and the following titles (short form of title follows) shall be used:

...

1.3 The University of Texas at Arlington (U. T. Arlington)

...

(l) The University of Texas at Arlington University College

....

### BACKGROUND INFORMATION

This proposed amendment to the Regents' *Rules and Regulations*, Rule 40601, is to reflect the creation of the U. T. Arlington University College, which has been approved by the Executive Vice Chancellor for Academic Affairs pending approval by the Board.

The University College will provide academic advising for all freshman students. All first-year students will be admitted to and enroll in the College until they are either accepted into an existing major or enroll in the University Studies degree program. The University Studies degree program provides students with an opportunity to explore their interests through an interdisciplinary degree program that allows a breadth of study in a range of disciplines and subjects. It provides basic preparation for a variety of career paths that might not be well served through traditional university majors. Students seeking a degree in University Studies will graduate with a broad-based education in at least three fields of study.

*Texas Education Code* Section 65.11 authorizes the Board of Regents to provide for the "names of the institutions and entities in The University of Texas System in such a way as will achieve the maximum operating efficiency of such institutions and entities[.]"

### **8. U. T. Arlington: Approval of acceptance of gift of outdoor art**

### RECOMMENDATION

The Chancellor concurs in the recommendation of the Executive Vice Chancellor for Academic Affairs, the Vice Chancellor for External Relations, and President Spaniolo that the U. T. System Board of Regents approve the acceptance of a gift of outdoor art at U. T. Arlington. The request is in accordance with Regents' *Rules and Regulations*, Rule 60101, Section 4.1, regarding outdoor works of art.

## BACKGROUND INFORMATION

U. T. Arlington will receive a gift of a steel sculpture from the American Institute of Steel Construction. See sculpture on Page 248. The sculpture's center column will be approximately 13 feet tall and the horizontal pieces will be approximately 8 feet in total length, extending 4 feet on each side of the center column. This steel sculpture, along with the tool kit (teaching guide, 3D computer-aided design [CAD] file of the steel sculpture, and a shear connection calculator tool) will be an important teaching tool for the School of Architecture and the College of Engineering.

The proposed location for the sculpture is the plaza area between the School of Architecture and the Nanofab Building on the west side of the campus. All installation costs, including the foundation system, will be donated by a local contractor. Future expenses to maintain the sculpture will be minimal.

The installation of this steel sculpture is in keeping with U. T. Arlington's Campus Master Plan.



**9. U. T. Austin: Approval of acceptance of gift of outdoor art**

**RECOMMENDATION**

The Chancellor concurs in the recommendation of the Executive Vice Chancellor for Academic Affairs, the Vice Chancellor for External Relations, and President Powers that the U. T. System Board of Regents approve the acceptance of a gift of outdoor art for U. T. Austin's Marine Science Institute. The request is in accordance with Regents' *Rules and Regulations*, Rule 60101, Section 4.1, regarding outdoor works of art.

**BACKGROUND INFORMATION**

U. T. Austin is requesting approval to accept a donation from the Jack and Valerie Guenther Foundation for a sculpture to be placed on the grounds of the Marine Science Institute Visitors Center located at 750 Channel View Drive in Port Aransas, Texas.

The outdoor art, to be sculpted by Mr. Kent Ullberg, will depict a tarpon leaping into the air as shown on Page 250. The body of the fish will include images representing recognizable animal families to help demonstrate the interdependence of the ecosystem. A tarpon was suggested as the focal point because of its special meaning to the City of Port Aransas, which was historically named Tarpon, Texas. The sculpture will be made of bronze and will stand 8 to 10 feet in height, excluding the pedestal. It will be prominently displayed at the main entrance of the Institute, where it will attract attention to the Visitors Center and serve as a teaching tool for the thousands of school children that visit each year. See proposed location of the sculpture on Page 250a.

Mr. Ullberg is recognized as one of the world's foremost wildlife sculptors. His sculptures are exhibited in major museums and corporate headquarters around the globe, as well as in private collections. He is a major supporter of wildlife conservation and has been honored by the National Museum of Wildlife Art for significant contributions to the interpretation and conservation of wildlife and its habitat. His lifetime achievements include awards bestowed on him by the Allied Artists of America, the National Arts Club, the National Sculpture Society, and the Society of Animal Artists.

Mr. Jack Guenther is a 1956 alumnus of U. T. Austin and serves on the Chancellor's Council. Mrs. Valerie Guenther serves on the Chancellor's Council and on the U. T. Austin Marine Science Institute's Advisory Council.

The installation and minimal maintenance will be funded from gifts and the general budget of the Marine Science Institute.

Proposed placement of this outdoor work of art is consistent with U. T. Austin's Campus Master Plan



FINISHED SCULPTURE  
8 TO 10 FEET TALL

© Ulbrich



University of Texas Marine Science Institute Visitors Center

10. **U. T. Austin: Request to use the previously approved conditional allocation of \$15 million from Permanent University Fund Bond Proceeds to finish out space in the Norman Hackerman Building**

RECOMMENDATION

The Chancellor concurs in the recommendation of the Executive Vice Chancellor for Academic Affairs, the Executive Vice Chancellor for Business Affairs, and President Powers that the U. T. System Board of Regents approve the use of the previously approved conditional allocation of \$15 million from Permanent University Fund (PUF) Bond Proceeds to finish out space in the Norman Hackerman Building to house the *Hydrogen from Sunlight* research project. This allocation is contingent upon U. T. Austin raising \$25 million in matching funds for the *Hydrogen from Sunlight* project within the next two years.

BACKGROUND INFORMATION

On March 3, 2010, the Board authorized \$15 million in PUF Bond Proceeds to be used as matching money for a federally-funded energy project. The money was intended to finish out the sixth floor of the newly opened Norman Hackerman Building on the U. T. Austin campus and to construct on that floor the laboratory and facilities necessary for the project.

The proposal, a joint project with the National Renewable Energy Laboratory, Massachusetts Institute of Technology, and The University of Colorado at Boulder was not successful. Nevertheless, U. T. Austin is uniquely positioned to lead efforts toward the development of low-cost efficient systems for the industrial production of hydrogen from sunlight. The University's newly proposed *Hydrogen from Sunlight* project is a reorganized approach to the original project, targeting the most significant and achievable components of the initial proposal. To undertake the *Hydrogen from Sunlight* project, U. T. Austin will still need to finish out the sixth floor of the Hackerman Building and construct there, the laboratory and facilities that were needed for the original joint project. The \$15 million in PUF Bond Proceeds for construction of the new project would be matched by \$25 million raised by U. T. Austin within the next two years. Additional program support for the project would come from other sources.

The high-level goals of the *Hydrogen from Sunlight* project are to create a distinctive venue focused on creating a solar hydrogen industry, combining scientific leadership, and the institutional capability for research and development to advance the science past today's barriers to technological development; to formulate the intellectual framework and roadmaps necessary to guide the development of the component technologies; and to inspire and educate future leaders who will launch and sustain the industry.

The approach toward these goals will focus on the following areas, which are essential for the successful development of a viable solar hydrogen process for energy production:

- a. photomaterial and electrocatalyst discovery via rapid synthesis/screening and computational chemistry;
- b. synthetic methods for the control of optimal nanostructure and morphology;
- c. characterization of semiconductor photoelectrochemical materials; and
- d. photoelectrochemical device design.

This project is expected to generate new business opportunities at the forefront of technology in Texas.

**11. U. T. Pan American: Approval to establish the U. T. Pan American Development Board**

RECOMMENDATION

The Chancellor concurs in the recommendation of the Executive Vice Chancellor for Academic Affairs, the Vice Chancellor for External Relations, and President Nelsen that the U. T. System Board of Regents approve the establishment of the U. T. Pan American Development Board to assist in the development plans and programs of the institution with an emphasis on increasing private support for U. T. Pan American.

BACKGROUND INFORMATION

The Board of Trustees of The University of Texas Pan American Foundation (Foundation) has been the *de facto* development board since 1982. The Foundation trustees, who serve as fiscal managers of the Foundation's assets, agree that the University needs an active, involved group of community and business leaders from the Rio Grande Valley to support more proactive fundraising efforts.

President Nelsen will have responsibility for and authority over the U. T. Pan American Development Board and will serve as a liaison between the Development Board and the Foundation Board to ensure coordinated fundraising efforts for the benefit of the University. Upon approval by the Board of Regents, an organizational meeting of the new board will be scheduled to draft bylaws in accordance with guidelines outlined by the U. T. System Office of General Counsel.

Proposed approval of this development board is pursuant to Regents' *Rules and Regulations*, Rule 60301, relating to development board of an institution.