



AGENDA
for
SPECIAL CALLED TELEPHONE MEETING
U. T. SYSTEM BOARD OF REGENTS

1:00 p.m. (Central Standard Time)
June 20, 2006
Austin, Texas

	Page
A. CALL TO ORDER IN OPEN SESSION TO CONSIDER AGENDA ITEMS	<i>1:00 p.m.</i> <i>Chairman Huffines</i>
1. U. T. Austin: Lady Bird Johnson Wildflower Center, Austin, Texas - Request for approval of delegation to accept gift with conditions and delegation to take action	Action <i>President Powers</i> <i>Dr. Malandra</i> 1
2. U. T. System: Amendment of the FY 2006-2011 Capital Improvement Program and the FY 2006-2007 Capital Budget to include the following projects and consideration of whether any of the projects should be designated as architecturally or historically significant	Action <i>Mr. Dixon</i> 24
<ul style="list-style-type: none">• U. T. Arlington Engineering Research Building• U. T. Austin Art Building and Museum Renovation• U. T. Austin Dell Pediatric Research Institute• U. T. Austin Experimental Science Building• U. T. Austin Vivarium• U. T. Dallas Vivarium and Experimental Space• U. T. Permian Basin Arts, Convocation and Classroom Facility at the Center for Energy and Economic Diversification• U. T. Permian Basin Child Care Center• U. T. Permian Basin Science and Technology Complex• U. T. Permian Basin Student Housing Phase IV• U. T. Tyler Completion/Renovation/Expansion of Engineering, Science and Technology Building• U. T. Tyler Expansion of the U. T. Tyler Palestine Campus	
B. RECESS TO EXECUTIVE SESSION, IF NEEDED	
1. Consultation with Attorney Regarding Legal Matters or Pending and/or Contemplated Litigation or Settlement Offers - <i>Texas Government Code</i> Section 551.071	
2. Deliberations Regarding the Purchase, Exchange, Lease, Sale, or Value of Real Property – <i>Texas Government Code</i> Section 551.072	
3. Negotiated Contracts for Prospective Gifts or Donations – <i>Texas Government Code</i> Section 551.073	

4. Personnel Matters Relating to Appointment, Employment, Evaluation, Assignment, Duties, Discipline, or Dismissal of Officers or Employees - *Texas Government Code Section 551.074*

U. T. System: Consideration of individual personnel matters relating to appointment, employment, evaluation, compensation, assignment, and duties of presidents and institutional employees, and U. T. System officers and employees

- C. RECONVENE IN OPEN SESSION TO CONSIDER ACTION ON EXECUTIVE SESSION ITEM(S), IF ANY
- D. ADJOURN

*2:00 p.m.
approximately*

1. **U. T. Austin: Lady Bird Johnson Wildflower Center, Austin, Texas - Request for approval of delegation to accept gift with conditions and delegation to take action**

RECOMMENDATION

The Chancellor concurs in the recommendation of the Interim Executive Vice Chancellor for Academic Affairs, the Executive Vice Chancellor for Business Affairs, the Vice Chancellor for External Relations, the Vice Chancellor and General Counsel, and President Powers that the U. T. System Board of Regents approve the proposal to accept the gift of the Lady Bird Johnson Wildflower Center on behalf of The University of Texas at Austin, conditioned upon compliance with the Regents' *Rules and Regulations*, Series 60101, regarding acceptance and administration of gifts, and Series 60103, regarding acceptance of gifts of real property, including, as appropriate, compliance with environmental review as provided in *Administrative Rule*, Series 80306, and compliance with fire and life safety reviews as provided in *Administrative Rule*, Series 80304, and contingent upon the structure of the gift meeting the requirements of all other applicable *Rules and Regulations* and satisfactory completion of the associated documentation and agreements as determined advisable and appropriate by the Vice Chancellor and General Counsel.

It is further recommended that the Board delegate to the Chancellor and the Vice Chancellor and General Counsel the authority and the power to take all action and to make all decisions and interpretations and execute all agreements that may be necessary or appropriate to accept the gift of the Lady Bird Johnson Wildflower Center on behalf of The University of Texas at Austin, consistent with State and federal law.

BACKGROUND INFORMATION

The Lady Bird Johnson Wildflower Center, founded in 1982 by former First Lady Mrs. Lyndon B. Johnson and the late Ms. Helen Hayes, is dedicated to protecting and preserving North America's native plants and natural landscapes. Its mission is to educate people about the environmental necessity, economic value, and natural beauty of native plants. The Wildflower Center's horticulture, landscape restoration, plant conservation, and environmental education programs bring life to Mrs. Johnson's vision in its gardens and natural areas and with projects across North America.

There is a history of interactions between U. T. Austin and the Lady Bird Johnson Wildflower Center in the form of collaboration on major research initiatives, use of the Wildflower Center as a research field site by faculty and students, use of the Center as a field site for graduate and undergraduate coursework and undergraduate research projects, professional conferences, advisory council meetings and other outreach activities, and adjunct faculty appointments for Wildflower Center senior staff members.

Several colleges have participated in such activities, including the LBJ School of Public Affairs, the College of Liberal Arts (especially Geography), the John A. and Katherine G. Jackson School of Geosciences, the School of Architecture, and the College of Natural Sciences (especially Integrative Biology), but the School of Architecture and the College of Natural Sciences have the largest number of substantive research, teaching, and community service programs utilizing or collaborating with the Wildflower Center.

The Wildflower Center's governing board proposes this gift due to enhanced programmatic activities meeting the mission of the Center as well as continuing the legacy of Lady Bird Johnson and her family through U. T. Austin. Acceptance of the gift will be subject to appropriate assurances and representations to the Office of General Counsel that the gift meets the requirements of the Regents' *Rules and Regulations*, Series 60101 and 60103, including, as appropriate, compliance with fire and life safety and environmental reviews as provided in *Administrative Rules*, Series 80304 and 80306.

Upon acceptance of the gift, the Wildflower Center will become a self-supporting operating unit of U. T. Austin, reporting jointly to the Dean of the College of Natural Sciences and the Dean of the School of Architecture. The greatest advantage to both U. T. Austin and the Wildflower Center will be realized if the Wildflower Center becomes fully integrated with the relevant academic units at U. T. Austin. A full programmatic description of the academic, research, and outreach activities is set forth on Pages 4 - 11.

Definitive documentation for acceptance of the gift will be based on a Memorandum of Intent (MOI) to be executed by authorized representatives of the U. T. System Board of Regents and the Wildflower Center. Key terms of the MOI are:

- (1) that upon closing (expected to occur late summer or early fall 2006), the Wildflower Center will transfer to U. T. Austin all assets associated with the current operation of the Wildflower Center, including a cash endowment of not less than \$8 million and approximately 283.7303 acres out of the Samuel Hamilton Survey No. 16, Abstract No. 340, Travis County, Texas, being all of five tracts described in a survey prepared by Crichton and Associates, dated April 14, 2006; a location map and survey plat are set forth on Pages 12 -13;
- (2) U. T. Austin will agree to use the transferred assets in furtherance of the mission of the Wildflower Center and such other activities unrelated to the Wildflower Center mission that do not interfere with that mission and that do not in the aggregate constitute a substantial portion of all activity carried out at the Wildflower Center;
- (3) for 35 years from the date of execution of the documents associated with the transfer of assets and upon U. T. Austin's breach of the use restrictions detailed in (2) above (after a cure period of at least 180 days), the Wildflower Center will have the right to reenter and reclaim the transferred assets after reimbursing U. T. Austin for capital investments made on the real property that are funded by sources other than the transferred assets;

- (4) all existing Wildflower Center employees will become employees of U. T. Austin;
and
- (5) the governing board of the Wildflower Center will transition to an advisory council or board of visitors, which will function in an advisory capacity similar to the Marine Science Institute Advisory Council and the McDonald Observatory Board of Visitors. A summary of the annual income and expenses of the Wildflower Center is set forth on Pages 14 - 23.

THE LADY BIRD JOHNSON WILDFLOWER CENTER AS AN ORGANIZED
RESEARCH/OUTREACH UNIT OF THE UNIVERSITY OF TEXAS
MARCH 6, 2006

There is a history of very positive interactions between UT Austin and the Lady Bird Johnson Wildflower Center. These have taken the form of collaboration on major research initiatives, use of the Wildflower Center as a research field site by faculty and students, use of the center as a field site for graduate and undergraduate coursework and undergraduate research projects, professional conferences, advisory council meetings and other outreach activities, and adjunct faculty appointments for Wildflower Center senior staff members. Several colleges have participated in such activities, including the LBJ School of Public Affairs, the College of Liberal Arts (especially Geography), the Jackson School of Geosciences, the School of Architecture and the College of Natural Sciences (especially Integrative Biology) but the School of Architecture and the College of Natural Sciences have the largest number of substantive research, teaching, and community service programs utilizing or collaborating with the Wildflower Center. We expect these to expand substantially if the Wildflower Center becomes more closely integrated with UT Austin as an organized research unit. For example, the Wildflower Center buildings and master plan were designed and developed by Overland Partners of San Antonio. This company was founded and is led by graduates of the School of Architecture. The dean of the School and faculty members have been involved in the subsequent garden and landscape planning. As a result, the Lady Bird Johnson Wildflower Center provides a living laboratory for state-of-the-art green building techniques and technologies, including rain water harvesting, the use of native plants, appropriate building materials, storm water drainage, and the innovative design of impervious surfaces.

The Transdisciplinary Center for Sustainable Development is located in the School of Architecture and also involves faculty and students from Natural Science, the LBJ School, Engineering, the Red McCombs School of Business, Liberal Arts, the Jackson School of Geosciences, and the Law School. The Center for Sustainable Development anticipates an exciting opportunity to relate the Wildflower Center's research in ecological sustainability to current Architecture faculty research in cultural sustainability. As a result, the Lady Bird Johnson Wildflower Center will expand the research opportunities for the Center for Sustainable Development. Research areas of great interest to faculty in the Center for Sustainable Development and to the academic programs in the School of Architecture include: ecological restoration, watershed science, invasive species, green building technologies, landscape architecture design, conservation development, environmental policy, urban ecology, and garden and park design. There are opportunities to engage in longer term, multi-year research and demonstration projects that can only be accomplished with the steady support of field staff and the availability of land and related resources, both of which will be advanced by this partnership.

The Wildflower Center maintains 66 hectares of large-scale, replicated experimental plots in native Texas savanna characterized by oaks and junipers interspersed with grasslands.¹ The next treatments are planned for 2006. The Wildflower Center staff have

collected data on plant composition and biomass in these treatments. Other than the Wildflower Center staff, the majority of the research in these sites has been conducted by faculty and students in the Section of Integrative Biology to assess ecosystem and trophic level responses to summer and winter burn regimes.ⁱⁱ Because of the scale and replication of the Wildflower Center sites and the quality of plant communities, there are a number of basic and applied questions in ecology that could be addressed at these sites. If the Wildflower Center becomes more closely integrated with the University and the College of Natural Sciences we anticipate research programs developing in many areas including herbivore-plant interactions, plant diversity and ecosystem function, reptile ecology and land management, trophic interactions, ecosystem response to land-use change, and biology of invasive species.

There are numerous additional research facilities at the Wildflower Center that would support population biology work including greenhouses; an equipment barn with tractor, 2 hybrid ATVs, and a workshop; a small library; and plant drying facilities. Because the Wildflower Center is close to campus, has a diverse native Texas savanna, and has implemented large-scale replicated disturbance treatments, this site provides excellent facilities and sites for courses in: natural history, botany, herpetology, ornithology, entomology, mammalogy (rodents, Procyonids (ringtails and raccoon), coyote, deer, rabbits), conservation (particularly issues involving invasive species, native plants, woody encroachment, fire and disturbance regimes), land management, ecology (ecosystem ecology, community ecology, population ecology, field ecology and research methods in ecology). A number of Biology Courses have used the Wildflower Center including:

BIO 373: Ecology, Marcy Litvak

BIO 337: Physiological Ecology, Marcy Litvak

BIO 373L: Field Ecology, Larry Gilbert. Field ecology experiment led by Litvak and course T.A. Rob Plowes in Fall 2004, Spring 2005. Plowes also set out large herbivore exclosures for future field ecology course work.

BIO 406D: Native Plants, Katie Hansen

BIO 353L: General Entomology, John Abbott

BIO f353L: Field Entomology, John Abbott

Similarly, a few students from the Bridging Disciplines Program have taken advantage of the Wildflower Center for their connecting experience, but it could be much more heavily used by undergraduates from various programs to do research or for field trips. It is a safe, well-managed and controlled site close enough to campus to allow daily access if necessary.

There are other possible projects for which the Wildflower Center site would be ideal. The *Texas Memorial Museum Century of Change project*, for example, is seeking sites to conduct long-term surveys of herpetofauna to measure effects of land use change on reptiles and amphibians in Texas. The National Ecological Observatory Network (NEON) is an NSF initiative to create a "national ecological measurement and observation system designed both to answer regional- to continental-scale scientific questions and to have the interdisciplinary participation necessary to achieve credible

ecological forecasting and prediction.” They have designated 6 “grand challenges” as follows:

1. Biodiversity, Species Composition, and Ecosystem Functioning
2. Land Use and Habitat Alteration
3. Invasive Species
4. Ecology and Evolution of Infectious Diseases
5. Ecological Impacts of Climate Change
6. Ecological Aspects of Biogeochemical Cycles

NEON Region 11, the Southern Plains, was designated last fall. With the building and experimental infrastructure already in place, the Wildflower Center, coupled with the J-17 City of Austin land, is in a good position to research grand challenges 1, 2, 3 & 6.

The Lady Bird Johnson Wildflower Center staff teaches native plant courses in the new Master of Landscape Architecture (MLA) program as well as in the Department of Geography and Environment. For example, landscape architecture courses that have taken advantage of the Wildflower Center resources include:

- LAR 384 Topics in Horticulture and Plants in Design. To provide the skills for plant identification and to introduce the principles of ecology using Central Texas's habitats and plants as examples. Specifically, students will learn to use a dichotomous key, identify common plant families and common native plant species within the region. Ecologically, students will learn how 3 over-riding factors affect plant success: soil, climate, and management.
- LAR 385 Topics in Environmental Science. Current issues related to Landscape technology and their influence and application in the built world.
- LAR 694 Landscape Architectural Design and Planning. This studio is the third in the sequence of core design studios in Landscape Architecture. This design studio engages the issues, methods, and theories central to the representation, planning and design of landscapes at the large scale. The studio emphasizes the principles of applied ecology in regard to the design of the physical environment.

These courses and others benefit students in landscape architecture, geography, urban studies, sustainable design, and community and regional planning. The Wildflower Center will provide a considerable boost to the new MLA program (established in 2002). The Center will add natural science expertise to the strong design and planning talent in the School of Architecture. The Wildflower Center will be integral in supporting the applied ecology and landscape planning aspects of the MLA curriculum. Applied ecology will improve the MLA curriculum by channeling research into the physical design of the built environment through best practices, construction, and materials innovation.

Many Wildflower Center staff members advise faculty and students from the College of Natural Sciences, the School of Architecture, and across the University in their studies of native plants and wildflowers. The Wildflower Center is also a source for student research. For example, a Masters in Sustainable Design student is engaged in thesis research related to the empirical testing of "green roof" technologies at the Wildflower Center.

There is considerable potential to expand teaching opportunities for our landscape architecture, community and regional planning, architecture, historic presentation, and sustainable design degree programs. Some specific teaching opportunities exist in the areas of native plant identification, the use of native plants in landscape architecture, green building technologies, environmental planning theory and processes, ecological restoration, conservation development, horticulture, botanical garden design, and environmental policy.

The Master of Community and Regional Planning program recently developed a dual degree program with the LBJ School of Public Affairs. The Lady Bird Johnson Wildflower Center will enhance this new dual degree program, especially as it relates to environmental policy.

Other organized research and service units in the College of Natural Sciences that would interact with and augment the Wildflower Center facilities and programs include:

- The Plant Resource Center <http://www.biosci.utexas.edu/prc/> This Center holds over 1,000,000 specimens and is the largest herbarium in the southwestern United States, ranking fifth among U.S. university herbaria and twelfth across the nation. With about a quarter of its specimens from Texas, it has the largest collection of Texas plants in the world. Presently the number of vascular plant collections inserted in the herbarium is growing at an approximate rate of 16,400 specimens per year. The vascular plant collection at UT contains many unique collections. Complete or nearly complete sets include the collections of C. L. and Amelia Lundell, M. C. Johnston, J. Henrickson, R. Runyon, E. Contreras, D. Gentle, E. Matuda, and B. L. Turner. The PRC also has significant holdings of D. S. Correll, S. F. Blake, G. B. Hinton et al., H. N. Moldenke, C. H. Muller, W. A. Silvious, and I. M. Johnston as well as incomplete sets of C. G. Pringle and R. McVaugh. The Plant Resources Center is rich in types with over 6100 taxa represented in its type collection.
- Brackenridge Field Laboratory <http://www.utexas.edu/research/bfl/> (BFL) and its satellite Stengl Station provide facilities and resources for experimental studies of microevolution, evolutionary systematics and phylogenetics, ethology, population biology, physiological ecology and ecosystem dynamics. Although these specialties are often lumped as "environmental biology", the National Science Foundation has developed at least six sub-panels to review proposals from such diverse subdisciplines. BFL provides a benchmark against which change can be scientifically evaluated. UT/Austin thus provides a unique opportunity for ecological research within an urban context and contributes to management and conservation of our ecological systems. For example, documentations of the native ant communities at BFL prior to arrival of imported fire ants placed BFL in a unique position to become a center of research on this pest species. Over recent years, the number of Botany, Zoology, Chemistry, Electrical Engineering, and Psychology faculty members utilizing BFL has averaged 20, and the number of their graduate students doing at least some aspects of their research projects there has averaged slightly over 30.

- The Environmental Science Institute <http://www.esi.utexas.edu/> This Institute's focus is basic scientific research on the complex interactions between the biosphere, atmosphere, hydrosphere, and lithosphere. It includes faculty in many colleges including those already mentioned as collaborating with the Wildflower Center.
- The Texas Memorial Museum <http://www.utexas.edu/tmm/> includes research and teaching collections/facilities:
 - Non-vertebrate Paleontology Laboratory. NPL's holdings include extensive collections of invertebrate fossils and smaller but scientifically significant collections of fossil plants, gems, minerals, meteorites, and tektites. Most time periods are represented in the collection of almost 4 million fossil invertebrate specimens. Though the collection focuses on Texas and the USA, specimens are included from all over the world.
 - Texas Natural History Collections. Numerous large collections are used for teaching and research. While focusing on Texas, most are essentially worldwide in scope. Vertebrate holdings include collections of fishes, amphibians, and reptiles. Birds and mammals were transferred to the collections at Texas Tech. Invertebrate collections include fluid-preserved and dried, pinned insects, as well as cave-dwelling arthropods.
 - Vertebrate Paleontology Laboratory. In addition to the collections amassed by its own faculty, staff, and students over many years of active collecting, the laboratory also holds collections originally made by various other units of UT, adopted collections from three other Texas universities, and collections made by several state and federal projects.
 - CT Scanner. The high-resolution X-ray CT (Computed Tomography) scanner enables scientists to study details as small as a few tens of microns in size in the interior of opaque solid objects, without damage to the object itself. With this equipment, digital information on 3-D geometries and properties can easily be obtained from a wide range of materials, including rock, bone, ceramic, metal and soft tissue. The information can then be used to “print” a three-dimensional replica of the object, as well as develop computer-animated, three-dimensional images. Dr. Tim Rowe, director of TMM’s Vertebrate Paleontology Laboratory is co-director of the CT scanner facility.
- The Marine Science Institute <http://www.utmsi.utexas.edu/> has active research programs in marine science disciplines including the physiology, biochemistry and ecology of marine plants and animals; dynamics of marine ecosystems; biogeochemistry; mariculture; toxicology; and environmental monitoring.
- The Center for Computational Biology and Bioinformatics <http://ccbb.biosci.utexas.edu/> provides research support and opportunities for students, postdoctoral fellows, and faculty interested in the use of computational approaches in solving biological problems. Students work with participating faculty, who are drawn from departments throughout The University of Texas. The research interests of the participating faculty touch upon a wide range of biological problems, and use various types of computational techniques. Two of the research areas that are relevant to the programs of the Wildflower Center are

molecular evolution and computational phylogenetics.

The Wildflower Center has many programs that could enhance outreach opportunities for The University of Texas or that might complement programs already in place. For example:

1. The Center's online database of native plant information, images, suppliers, organizations and other related material draws several hundred thousand hits each month.
2. The Center's award-winning magazine, *Native Plants*, is received by the Center's 13,500 members. The Center is experimenting with ways to expand circulation of the magazine beyond its membership.
3. The Center's education programs are extensive and provide opportunities for professional, adult, and family education.
 - The Center sponsors several national conferences each year.
 - Center staff teach university courses on-site.
 - The Center conducts formal and informal workshops and seminars throughout the year, aimed at both professionals and lay adults.
 - The Center has developed a Native Plants curriculum (K-6) and provides training for teachers.
 - The Center hosts school and adult tours.
 - Family workshops and other programs provide nature education for children.
4. The Center's research areas are accessible to the public and include interpretative signage. Visitors learn first-hand about experimental design and see the results of different land management methods.
5. The Center hosts well-attended special events throughout the year, including festivals and exhibits, and also provides highly desirable facilities (auditorium, classrooms, etc.) for other events sponsored by other organizations.

Organizational Structure

We believe that the greatest advantage to both the Wildflower Center and The University of Texas will be realized if the Center becomes fully integrated with the relevant academic units at UT Austin. History and experience tell us that this is best accomplished when organized research units are part of a college structure and report to the Provost via one or more deans. Because of the extensive interactions already taking place between the Wildflower Center, the School of Architecture, and the College of Natural Sciences we feel the best administrative structure for the center would be as an organized unit that is part of both units, reporting to the Provost via both deans. This would maximize awareness of opportunities, utilization of resources, facilitation of new interactions and integration of the Wildflower Center into the life and culture of The University of Texas.

The Wildflower Center has a governing board that would transition to an advisory council or board of visitors similar to the Marine Science Institute Advisory Council or the McDonald Observatory Board of Visitors. This group would then function largely in

a support, outreach and advisory capacity. In order to facilitate faculty awareness and involvement with the Wildflower Center and to assist in its integration into the academic life of the University, we also recommend creating a faculty liaison committee or advisory board to work with the Director of the Wildflower Center in developing joint research programs, courses, contracts, and other funding opportunities for the Center. We would expect to include representatives on that committee from Natural Sciences and Architecture as well as the LBJ School of Public Affairs, the Department of Geography (Liberal Arts), and the Jackson School.

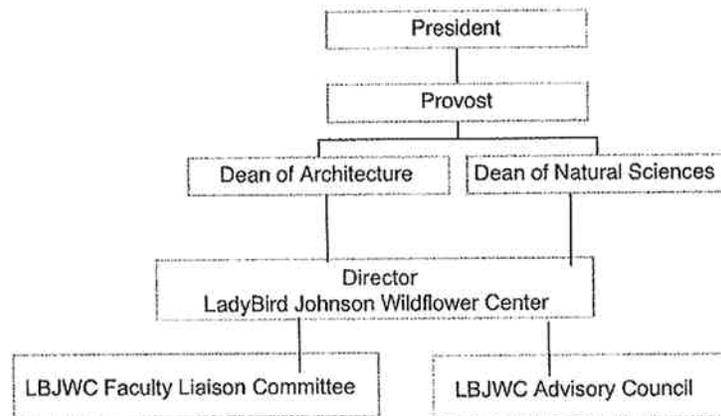


Figure 1: Diagram of the proposed organizational structure

It should be noted that this organizational plan has the added advantage of bringing programs in architecture and natural sciences closer together as well as integrating them with the Wildflower Center.

END NOTES:

ⁱ Dominant grassland species include warm-season (*Bothriochloa laguroides* subsp. *torreyana*, *Hilaria belangeri*, *Bothriochloa ischaemum*) and cool-season (*Nasella leucotricha*, *Bromus japonicus*, *Limnodea arkansana*) grasses with over 200 annual and perennial forbs (e.g. *Gaillardia pulchella*, *Ambrosia psilostachya*, *Opuntia* spp., *Galium* spp., and *Rudbeckia hirta*) interspersed among the grasses. Soils are limestone derived clays of the Speck and Crawford series. Soil depths range from 10-50 cm on Speck stony clay and 30-100 cm deep on Crawford clay. The maximum slopes at this site are 3%. These experimental plots were established in 2000 to assess plant community responses to land management, specifically burning and mowing. Treatments are replicated six times on 0.6 ha sites and include summer, fall, and winter burns and summer, fall, winter, and frequent mowing. There are also 10 undisturbed, control sites. Land management treatments were implemented in 2000 and 2001 and again in 2004.

ⁱⁱ Current work at the Wildflower Center by College of Natural Sciences personnel include

- Diversity and abundance of grasshopper populations in fire disturbed savanna (Poteet)
- Interactive effects of fire and herbivory on nitrogen cycling in Texas savanna (Poteet and Litvak)
- Effects of fire season on primary production and nitrogen availability in Texas savanna (Poteet and Litvak)

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- Effects of fire season on net ecosystem exchange of carbon and water and its components in Texas savannas (Litvak)
 - Seasonal patterns of soil respiration rates, microbial biomass and soil respiration potential in Texas savannas (Litvak)
 - Tamara Basham (advisor: Litvak) PhD thesis: Ecosystem-level consequences of invasion of a C4 grass, K-R bluestem, into mixed C3/C4 Texas savannas
 - Martha Maas (advisor: Fowler) PhD thesis: Effects of an endophytic fungi on population dynamics of a native C3 grass

Independent Undergraduate Research advised by Poteet:

- Nancy Hernandez, Co-op fellowship to study inorganic nitrogen pools at WFC (spring 2004)
- Nana Ama Quartey, Co-op fellowship to study rates of production of inorganic N pools at WFC (2004-2005)
- Marie Medina, Co-op fellowship to study grasshopper herbivory at WFC (Spring 2005)
- Jacquelyn Sugianto, Co-op fellowship (submitted) to study grasshopper effects on dead organic matter production at WFC (2005-2006)

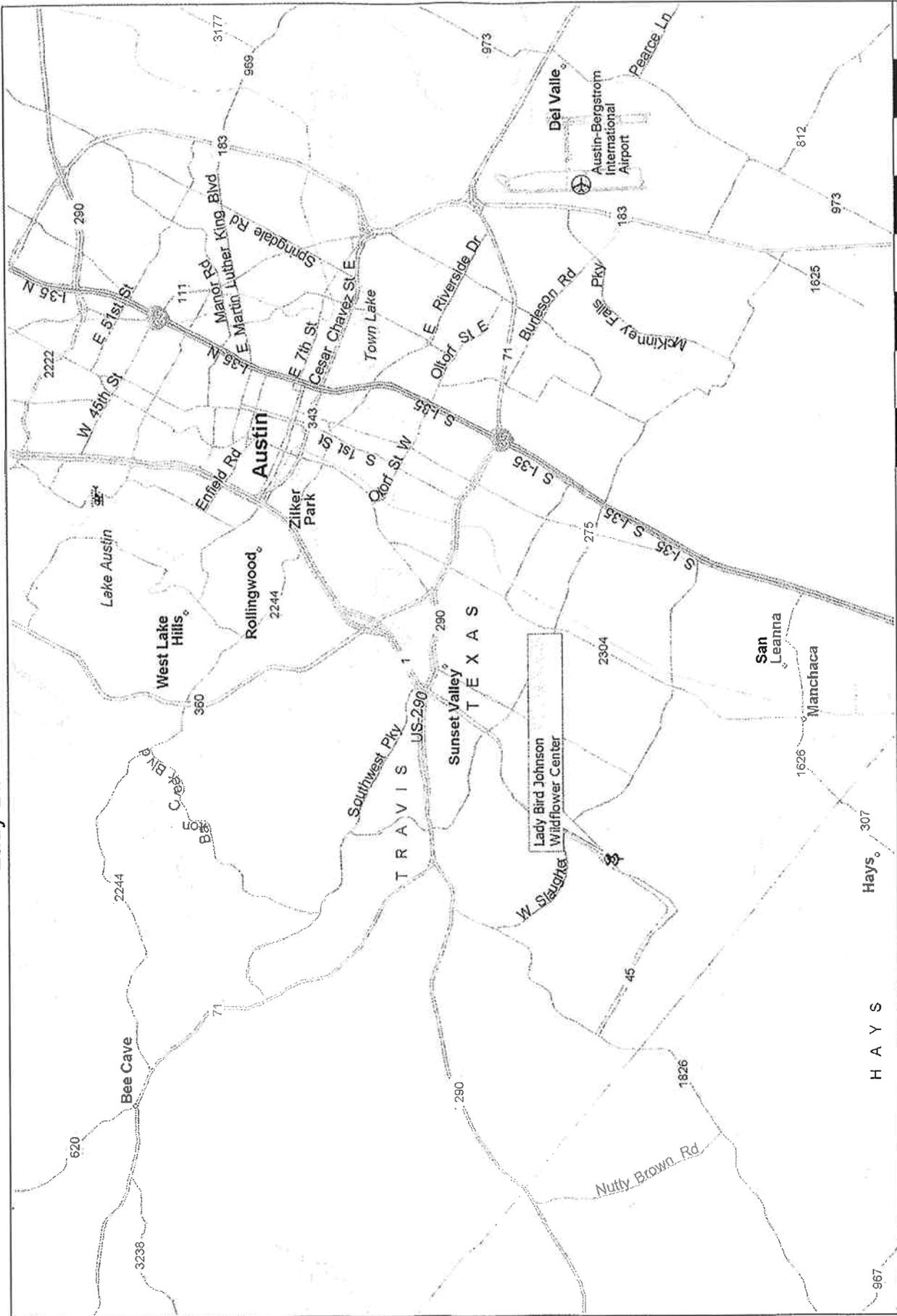
Independent Undergraduate Research advised by Litvak:

- Lindsay Husta, REU student in Environmental Science program (summer 2003), Co-op fellowship (fall 2003), Independent Study (fall 2004) to study seasonal patterns of soil respiration rates, microbial biomass and soil respiration potential at WFC
- Benjamin Hughes, Co-op fellowship to build chamber to study effects of burn season on net ecosystem exchange of carbon at WFC (spring 2004)
- Angela Brock, Co-op fellowship to use stable C isotopes to partition out contributions of C3 and C4 plant species to net ecosystem exchange (fall 2004)
- Kelly McCarthy, REU student in Environmental Science program (summer 2004) to study direct effects of burning and precipitation on soil respiration rates at WFC
- Senaido Garza, REU student in Environmental Science program (summer 2005) to study effects of burn season on water stress in three plant functional groups at the WFC- a native C4 grass, an invasive C4 grass, and a native C3 woody shrub.
- Danny Romman, Independent Study (spring 2005) to study effects of burn season and shifts in plant communities on light extinction and leaf area index in savannas at the WFC.
- Mike Finlayson (summer 2005), seasonal patterns in light extinction and leaf area index in savannas at the WFC

Undergraduate Research Volunteers and work/study students supervised by Poteet/Litvak:

- 2003-2004: (8 students) Nancy Hernandez, Jens Langsjoen, Cynthia Li, Taylor Ma, Dina Maldonado, Leon Bae, Thuy Hoang, Cynthia Minnowa
- 2004-2005: (9 students) Jessica Colberg, Tuyen Le, Alvin Ooman, Jose Ortiz, Katie Saunders, Jacquelyn Sugianto, Robert Yang, Paul Hitchings, Mike Finlayson

Lady Bird Johnson Wildflower Center

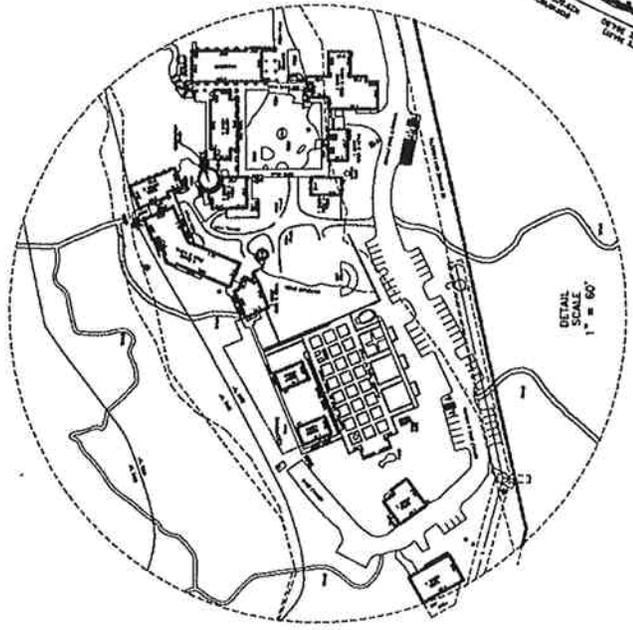
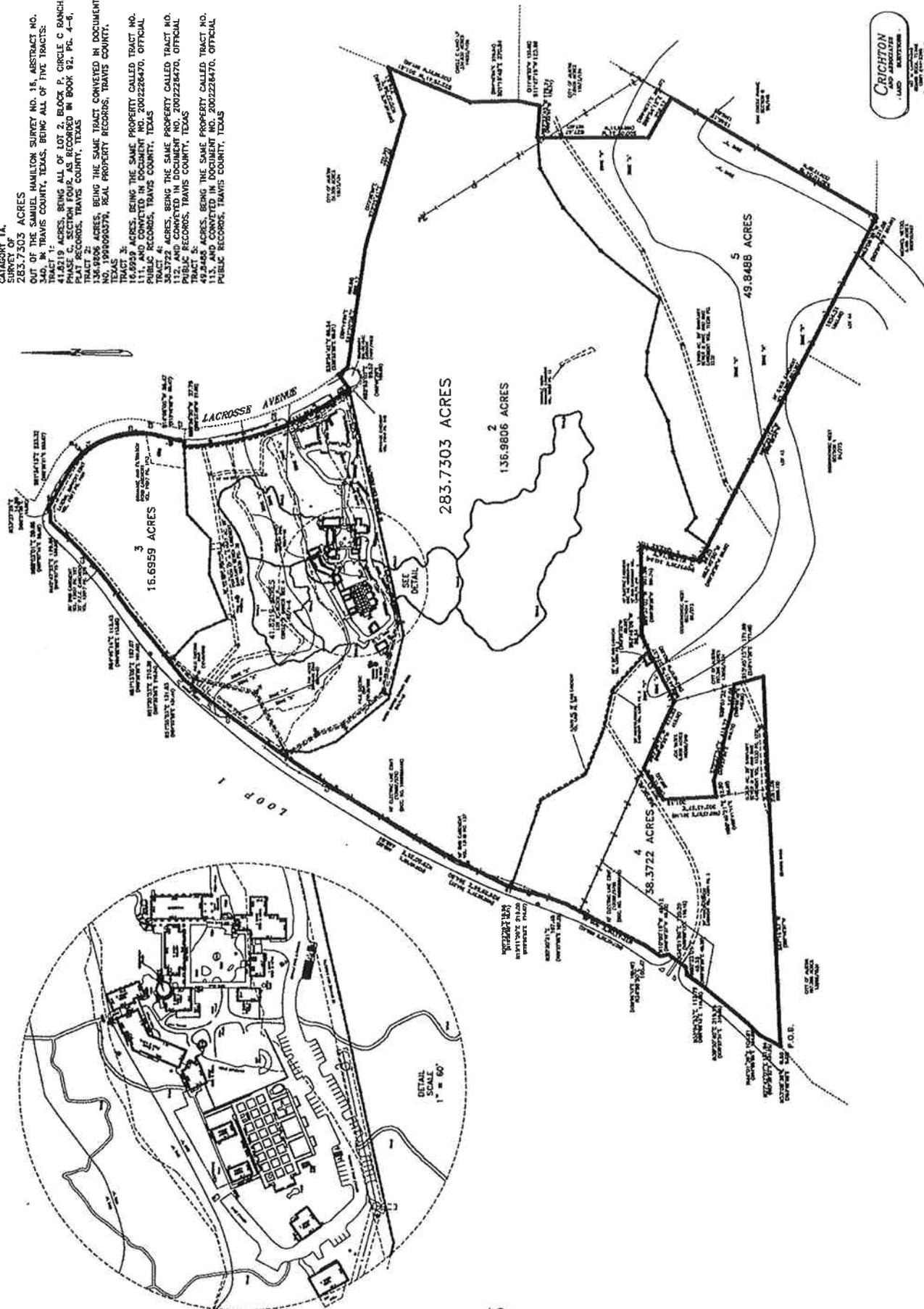


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CATEGORY 1A,
 SURVEY OF
 283.7303 ACRES
 OUT OF THE SAMUEL HAMILTON SURVEY NO. 16, ABSTRACT NO. 340, IN TRAVIS COUNTY, TEXAS, BEING ALL OF FIVE TRACTS:
 TRACT 1: 16.6959 ACRES, BEING ALL OF LOT 2, BLOCK P, CIRCLE C RANCH, PHASE C, SECTION FOUR, AS RECORDED IN BOOK 92, PG. 4-6, TRAVIS COUNTY, TEXAS
 TRACT 2: 136.9806 ACRES, BEING THE SAME TRACT CONVEYED IN DOCUMENT NO. 1990000379, REAL PROPERTY RECORDS, TRAVIS COUNTY, TEXAS
 TRACT 3: 117.7440 ACRES, BEING THE SAME PROPERTY CALLED TRACT NO. 117, AND CONVEYED IN DOCUMENT NO. 2002228470, OFFICIAL PUBLIC RECORDS, TRAVIS COUNTY, TEXAS
 TRACT 4: 58.3772 ACRES, BEING THE SAME PROPERTY CALLED TRACT NO. 112, AND CONVEYED IN DOCUMENT NO. 2002228470, OFFICIAL PUBLIC RECORDS, TRAVIS COUNTY, TEXAS
 TRACT 5: 49.8488 ACRES, BEING THE SAME PROPERTY CALLED TRACT NO. 49, AND CONVEYED IN DOCUMENT NO. 2002228470, OFFICIAL PUBLIC RECORDS, TRAVIS COUNTY, TEXAS



283.7303 ACRES
 SAMUEL HAMILTON SURVEY NO. 16,
 ABSTRACT NO. 340,
 TRAVIS COUNTY, TEXAS
 DATE: APRIL 12, 2009
 SCALE: 1" = 60'



2. **U. T. System: Amendment of the FY 2006-2011 Capital Improvement Program and the FY 2006-2007 Capital Budget to include the following projects and consideration of whether any of the projects should be designated as architecturally or historically significant**

- U. T. Arlington Engineering Research Building
- U. T. Austin Art Building and Museum Renovation
- U. T. Austin Dell Pediatric Research Institute
- U. T. Austin Experimental Science Building
- U. T. Austin Vivarium
- U. T. Dallas Vivarium and Experimental Space
- U. T. Permian Basin Arts, Convocation and Classroom Facility at the Center for Energy and Economic Diversification
- U. T. Permian Basin Child Care Center
- U. T. Permian Basin Science and Technology Complex
- U. T. Permian Basin Student Housing Phase IV
- U. T. Tyler Completion/Renovation/Expansion of Engineering, Science and Technology Building
- U. T. Tyler Expansion of the U. T. Tyler Palestine Campus

RECOMMENDATION

The Chancellor concurs with the Interim Executive Vice Chancellor for Academic Affairs, the Executive Vice Chancellor for Business Affairs, President Spaniolo, President Powers, President Daniel, President Watts, and President Mabry that the U. T. System Board of Regents amend the FY 2006-2011 Capital Improvement Program and the FY 2006-2007 Capital Budget to include the projects as set out in the background information.

In accordance with Regents' *Rules and Regulations*, Series 80302, the proposed projects listed below must be reviewed to determine if any are of special interest to the Board because of proposed building site, historical or cultural significance, proposed use, or other unique characteristics. For any projects determined by the Board to be of special interest, the Facilities Planning and Construction Committee will select the architect.

BACKGROUND INFORMATION

The Engineering Research Building project at U. T. Arlington includes new construction totaling 235,123 gross square feet and selective renovation of three existing facilities consisting of Nedderman Hall, Engineering Lab Building, and Woolf Hall. The new facility will be constructed to house research, teaching, and computer laboratories, office space for faculty and staff, and a landscaped courtyard with a water feature. The building is required to support and sustain the growth in enrollment and in

research programs in the College of Engineering. The space renovations to be considered with the construction of the new Engineering Research Building are an important aspect of the project allowing for increased efficiencies with the College of Engineering, thereby reducing the amount of new construction. This project meets the criteria for consideration of possible designation as architecturally or historically significant.

With the passage of HB 153 by the 79th Legislature (Special Session 3) and the resolution of Tuition Revenue Bond funding, U. T. Arlington is now requesting approval to appropriate \$70,430,000 to fund the project and \$10,000,000 from Revenue Financing System Bond Proceeds for a total of \$80,430,000.

The Art Building and Museum Renovation project at U. T. Austin will renovate approximately 23,500 square feet in the Art Building and Museum for use by the Department of Art and Art History to be used as studio space for graduate students in the art program. Space will also be used for administration offices and a new entrance will be constructed on the east side of the building. A highlight of the renovation will be converting the existing museum into exhibition space for the display of faculty and student work. Within the renovated area, the project will also address fire and life safety systems. The Art Building and Museum is located at the corner of San Jacinto Boulevard and 23rd Street. The Art Building and Museum was originally constructed in 1962. Two later additions were constructed on the north side of the original building. The Art Building and Museum Renovation will not alter the exterior of the building, with the exception of a new building entrance to be added on the east side of the Art Building and Museum. The proposed funding would be \$3,500,000 from Gifts. This project meets the criteria for consideration of possible designation as architecturally or historically significant.

The Dell Pediatric Research Institute project at U. T. Austin will establish a pediatric health research institute in Austin. Combining U. T. Austin's core expertise in life sciences with the new Dell Children's Medical Center will establish Austin as a center of excellence for children's health and biomedical research. The Dell Pediatric Research Institute is to be constructed on the former Robert Mueller Airport site, adjacent to the new Dell Children's Medical Center of Central Texas. It is anticipated the Dell Pediatric Research Institute will comply with the guidelines of the master plan established for the development of the former Robert Mueller Airport site. The proposed funding would be \$38,000,000 from Gifts, \$38,000,000 from Grants, and \$21,000,000 from Revenue Financing System Bond Proceeds for a total of \$97,000,000.

The Experimental Science Building project at U. T. Austin will be renovated to become a modern academic science facility. Renovation to the 55 year old building may include partial or full replacement of the building infrastructure, including the building structure, if necessary. The addition of 45,000 gross square feet will increase the existing floor plate width to meet the current need of academic science research and teaching. This project will provide a facility that has modern, technology-enabled classrooms and undergraduate teaching laboratories critical to the ability to continue

to provide excellence in science education. Also included will be office and laboratory research space to recruit and retain faculty in critical academic initiative areas such as neuroscience, computational biology, environmental sciences, pharmacy, and molecular and cellular biology. This project meets the criteria for consideration of possible designation as architecturally or historically significant.

With the passage of HB 153 by the 79th Legislature (Special Session 3) and the resolution of Tuition Revenue Bond funding, U. T. Austin is now requesting approval to appropriate \$105,000,000 to fund the project and \$20,000,000 from Revenue Financing System Bond Proceeds for a total of \$125,000,000.

The Vivarium project at U. T. Austin will provide a new animal research facility immediately west of the Louise and James Robert Moffett Molecular Biology Building. The location will also be immediately south of the Neural Molecular Science Building. In 2008, when the Biomedical Engineering Building is complete, it will be connected to the Neural Molecular Science Building allowing direct access from the new laboratories to the Vivarium. The Vivarium is to be constructed as a one-story building with 6,000 gross square feet partially below grade. Above the Vivarium will be a plaza/roof garden for the enjoyment of the researchers and students housed in the adjacent science buildings. The proposed funding would be \$15,000,000 from Revenue Financing System Bond Proceeds. This project meets the criteria for consideration of possible designation as architecturally or historically significant.

The Vivarium and Experimental Space project at U. T. Dallas involves the proposed build-out of 10,000 gross square feet of the current shell space in the basement of the new Natural Sciences and Engineering Research Laboratory to contain a vivarium and experimental space for neuroscience and neuroengineering faculty. The facility will support progress in building the key areas of molecular biology and biomedical engineering.

With the passage of HB 153 by the 79th Legislature (Special Session 3) and the resolution of Tuition Revenue Bond funding, U. T. Dallas is now requesting approval to appropriate \$12,000,000 to fund the project and \$3,000,000 from Revenue Financing System Bond Proceeds for a total of \$15,000,000.

The Arts, Convocation and Classroom Facility at the Center for Energy and Economic Diversification at U. T. Permian Basin includes construction of approximately 115,000 gross square feet for a performing arts center with classroom spaces to be located at the Center for Energy and Economic Diversification (CEED). This facility will also serve as a convocation center for various U. T. Permian Basin functions. An auditorium with approximately 2,500 seats will be constructed with the appropriate support spaces to host various performances. Additionally, academic spaces will be added, which would complement the performance hall and other curricula that would benefit from being taught at this location. Parking for at least 1,500 vehicles would be created at the site. This project meets the criteria for consideration of possible designation as architecturally or historically significant.

With the passage of HB 153 by the 79th Legislature (Special Session 3) and the resolution of Tuition Revenue Bond funding, U. T. Permian Basin is now requesting approval to appropriate \$45,000,000 to fund the project.

The Child Care Center project at U. T. Permian Basin includes construction of a facility that would serve both the child care needs of U. T. Permian Basin students, staff, and faculty as well as serving and supporting academic programs. This facility would include child care and support spaces for approximately 95 children ranging in age from infant to 12 years old. The proposed funding would be \$3,000,000 from Gifts. This project meets the criteria for consideration of possible designation as architecturally or historically significant.

The Science and Technology Complex project at U. T. Permian Basin includes construction of a new science building of approximately 107,000 gross square feet and a new computer technology building of approximately 34,000 gross square feet as well as renovations to the Industrial Technology Building and the Mesa Building. The new buildings and renovations will contain classrooms, research and classroom laboratories, and support space. This project meets the criteria for consideration of possible designation as architecturally or historically significant.

With the passage of HB 153 by the 79th Legislature (Special Session 3) and the resolution of Tuition Revenue Bond funding, U. T. Permian Basin is now requesting approval to appropriate \$54,000,000 to fund the project and \$2,000,000 from Gifts for a total of \$56,000,000.

The Student Housing Phase IV project at U. T. Permian Basin includes construction of four new apartment style student housing units with the same layout and exterior appearance on previously approved designs. Each building will contain 16 beds in two bedroom suites, three efficiency units, and a laundry facility. The proposed funding would be \$5,600,000 from Revenue Financing System Bond Proceeds. This project meets the criteria for consideration of possible designation as architecturally or historically significant.

The Completion/Renovation/Expansion of Engineering, Science and Technology Building project at U. T. Tyler is comprised of completion of the new Engineering, Science and Technology north building and simultaneous renovation will convert the existing science and math classrooms and laboratories into larger science laboratories appropriate for new undergraduate students and provide added space for faculty and staff. Returning the University Center to students will occur because major portions of the College of Education will move to space vacated as some of the scientists move into the completed Engineering, Science and Technology Building. Renovation will also occur at the Art Building to provide permanent studio space.

With the passage of HB 153 by the 79th Legislature (Special Session 3) and the resolution of Tuition Revenue Bond funding, U. T. Tyler is now requesting approval to appropriate \$43,200,000 to fund the project, \$3,600,000 from Revenue Financing System Bond Proceeds, and \$1,200,000 from Gifts for a total of \$48,000,000.

The Expansion of the U. T. Tyler Palestine Campus project at U. T. Tyler will involve construction of approximately 23,000 gross square feet for a new building for clinical and general classrooms, laboratories, and general office space for faculty. The additional space will enable U. T. Tyler to expand programs, particularly nursing, where critical shortages exist throughout the State and accommodate rapid enrollment growth at the Palestine campus. This project meets the criteria for consideration of possible designation as architecturally or historically significant.

With the passage of HB 153 by the 79th Legislature (Special Session 3) and the resolution of Tuition Revenue Bond funding, U. T. Tyler is now requesting approval to appropriate \$6,300,000 to fund the project, and \$700,000 from Revenue Financing System Bond Proceeds for a total of \$7,000,000.

These proposed off-cycle projects have been approved by U. T. System staff and meet the criteria for inclusion in the Capital Improvement Program.