



on campus

The University of Texas at Austin

MARCH 1, 2002

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ON THE INSIDE...

The university has started a new ticket delivery system to replace UTTM. The new Texasboxoffice.com system allows customers to purchase tickets online for events at the Frank Erwin Center (right), the Performing Arts Center, at UT Athletics stadia and arenas, and other venues.

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Landscape architect, visual artist chosen to redesign Tower Garden

Landscape architect Eleanor H. McKinney and visual artist Jill Bedgood have been appointed by Dr. Larry R. Faulkner, president of The University of Texas at Austin, to work as a team in the design of a memorial and its surroundings at the campus area known as the Tower Garden.

The Tower Garden just north of the Tower and Main Building is a tree-covered grassy area that in 1999 was designated as a special place of recognition of those who died and others whose lives were touched by the Aug. 1, 1966, shooting by Charles Whitman from the Tower.

McKinney and Bedgood will strive to find ways to preserve the

— Please see DESIGNERS, Page 3



University of Texas System regents approve \$150 per semester infrastructure charge for students

The Board of Regents of The University of Texas System on Feb. 14 approved a \$150 per semester infrastructure charge, beginning next fall, for students at The University of Texas at Austin.

The charge will increase by \$50 in fall 2003, \$85 in fall 2004, \$85 in fall 2005 and \$30 in fall 2006 and fall 2007, capping at \$430 after six years. Students attending the university in the summer and taking seven or more credit hours will pay \$100 in the first year of the charge.

See [Frequently Asked Questions](#) about the infrastructure charge, Pages 8-9

The charge will grow annually by \$30, capping at \$250 in the sixth year. Students taking fewer than seven hours — about 70 percent of summer attendance — will pay \$50 initially, with their charge growing \$25 annually.

“We are pleased that we will be able to implement a charge that earned the support of student leadership at the university,” said President Larry R. Faulkner. “This charge represents one important step toward meeting the infrastructure needs of our campus over the next five years.”

“Through a partnership among the university administration and faculty, our students and the state legislature we hope to generate the resources needed for The University of Texas to remain one of the nation’s leading public research universities.”

The charge is to provide funds needed



Faulkner



Hegarty

to pay for essential building repair and renovation. By 2006-07, it will generate about \$31 million of the \$150.7 million in recurring funding the university says it needs to offset projected budget deficits.

The university initially proposed in early January an infrastructure charge of \$230, increasing annually by \$50 over five years. It amended its proposal after a month of discussions that included public hearings and meetings with student government leaders and others.

“On a cumulative basis over the first three years of this new charge, all full-time students will pay less under our final proposal,” said Kevin P. Hegarty, vice president and chief financial officer.

“And 65 percent of all full-time students will pay less on an annual and cumulative basis over the first five years, compared to the original proposal.”

Hegarty said the proposal will generate about \$8.1 million less than the initial proposal during the six-year ramp-up, softening the impact on current students but producing the final recurring income needed.

Faulkner announces 3.25 percent salary pool for university employees

Citing the need to remain competitive in retaining and attracting outstanding faculty and staff, President Larry R. Faulkner unveiled a 3.25 percent salary increase pool for university employees.

Faulkner’s guidelines for merit salary increases, announced on Feb. 22, were outlined in a budget management meeting with department managers in the Texas Union theater.

“In order to accommodate this increase during these challenging economic times,” he said, “we have had to stretch our budget and defer some important non-salary activities. However, we must remain competitive in retaining and attracting high-quality faculty and staff who make this one of the nation’s leading public universities.”

— Please see UNIVERSITY, Page 2

Texans invited to Explore UT

Day of adventure offers demonstrations, performances, exhibitions and lectures



The Biggest Open House in Texas!

Saturday, March 2, 2002
11:00 a.m. to 5:00 p.m.

The University of Texas at Austin
www.utexas.edu/events/exploreut

Special thanks to our sponsor  UNIVERSITY CO-OP

The University of Texas at Austin’s campus-wide open house, Explore UT, has something for everyone.

The event, which showcases the many colleges and disciplines around campus, offers hands-on activities, demonstrations, performances, exhibitions and lectures.

Explore UT will take place on the UT Austin campus, rain or shine, Saturday, March 2, from 11 a.m. to 5 p.m. and will be free to the public. The major sponsor for Explore UT is the University Co-op.

Of the more than 240 activities featured at Explore UT, here are a few highlights:

— Please see ADVENTURE, Page 7

Matthew Lyon, former UT Austin speechwriter, dies

Matthew M. Lyon, assistant vice chancellor for public affairs at the



Lyon

University of California, Berkeley and a former presidential speechwriter at The University of Texas at Austin, died on Feb. 16 at the age of 45.

Lyon, whose diverse talents spanned journalism, politics, athletics and art, collapsed in Seattle, Wash., having suffered an apparent cardiac arrest while working out in the fitness center of a hotel.

— Please see MATTHEW LYON, Page 2

Presidential Citation program seeks extraordinary nominees who personify university's commitment to transforming lives



Only 27 people can claim the honor of receiving the university's Presidential Citation, which recognizes individuals whose contributions have brought great distinction to the university and who exemplify the values of the institution.

The recipients, who include renowned figures such as James Michener, J.J. "Jake" Pickle, Elspeth Rostow, Américo Paredes, Peter T. Flawn and Harry Middleton, all have left their mark on the university and have helped shape its history.

The university, which does not award honorary degrees, is seeking to add to the distinguished list of Presidential Citation recipients by recognizing the extraordinary contributions of people who personify the university's commitment to the task of transforming lives.

As President Larry R. Faulkner stated in his letter informing each of the 2001 recipients, the Citation reflects a "distinguished career and service to The University of Texas at Austin which has made a profound and positive difference in the achievement of the university's mission."

Nominations are sought each spring by the Presidential Citation Nominating Committee, which may recommend up to three candidates for this honor. Members of the Presidential Citation Nominating Committee are:

- M. Michael Sharlot, chair (College of Law)
- Oscar G. Brockett (Theatre and Dance)
- William S. Livingston (senior vice president)
- Robert D. Mettlen (Finance)
- Waneen W. Spirduso (Kinesiology and Health)
- Ellen Wartella (College of Communication)
- C. Grant Willson (Chemical Engineering)
- Paul B. Woodruff (Philosophy and Plan II Honors)

To be considered for a Presidential Citation, a person must meet the following criteria:

- Be distinguished in his or her field of endeavor.
- Be a person of such integrity, stature,

demonstrated ability and renown that the university community, including alumni, faculty, staff and students, will take pride in and be inspired by his or her recognition.

- Have provided service to the university that has made a profound and positive impact upon the mission of the University.

A person will be considered ineligible for the Citation if, at the time of the selection committee meets to consider nominations, he or she holds an elective local, state or national public office, or is a candidate for any such elective public office in the current calendar year; or if he or she is a member of the president's or the chancellor's senior staff, an elective officer of the Texas Exes, a regent of the University of Texas System, or the head of a component institution of the UT System; or if he or she is a member of the selection committee.

The following procedure has been established to nominate an individual for the award:

- A letter of nomination should be submitted to the Presidential Citation Committee and include the following — a brief single-spaced statement summarizing the qualifications of the nominee and the reasons why this individual should be so recognized; and, if available, the nominee's résumé.

- All nominations must be submitted for review by the Presidential Citation Committee by April 15 of each year.

- A nomination may be submitted in writing or by e-mail to:

Presidential Citation Committee
c/o Ms. Nancy McCowen
Campus Address:
Office of the President
400 Main Building (G3400)
U.S. Postal Address:
President's Office
University of Texas
Post Office Box T
Austin, Texas 78713-8102
E-mail Address:
nancy@po.utexas.edu

The president has the discretion to award or not to award any of the recommended candidates.

The Citation ordinarily will be presented in connection with the university's anniversary celebration on or about Sept. 15, but may be announced at any time. The name of the recipient and the year of the award shall be added to a plaque mounted in an appropriate place in the Main Building. An Endowed Presidential Scholarship shall be awarded in the name of the recipient for the year following the award.

Questions about the operation of the Presidential Citation Program should be directed to Nancy McCowen at (512) 471-1232 or nancy@po.utexas.edu.

The first Presidential Citation was bestowed at Honors Day, 1979. In the spring of 1999, Faulkner charged an ad hoc committee on Presidential Citations with reviewing the Presidential Citation Program. In the fall of 2000, the committee recommended the program be resumed and provided a set of criteria, suggested selection procedures, and award and recognition process.

University to provide 3.25 percent salary pool for employees

— Continued from Page 1

"We are very aware of the budgetary challenges facing our peer institutions around the country.

While this salary policy will not put us at a competitive advantage, it will enable us stay somewhat competitive with other institutions."

Faulkner said activities such as needed investments in administrative operations and equipment purchases are examples of activities that will be curtailed.

Academic and administrative departments, Faulkner said, will have the latitude to augment the centrally funded salary increases with their own resources.

The president noted that the university will continue to provide and expand an insurance premium

supplement for employees to offset expected increases in health care premiums.

Funding for state-mandated employee increases in the 2002-03 fiscal year has not been certified. If the state's comptroller of public accounts certifies funds later this spring, then state law would mandate a 3 percent salary increase for university staff (including classified staff, administrative and professional staff, assistant instructors and teaching assistants).

According to Faulkner, the relatively small amount of additional funding that could result from certification would help enable the university to restore its ability to cover some of the non-salary expenditures that have been deferred.

Matthew Lyon, UC Berkeley administrator, former speechwriter to ex-University of Texas at Austin President Robert M. Berdahl, dies

— Continued from Page 1

"We will miss his leadership in public affairs, his concern about the welfare of the campus and his great humanity," said UC Berkeley Chancellor Robert M. Berdahl, who knew Lyon for nearly 10 years. "I will miss one of the best friends I ever had."

In Berdahl's previous job as president of The University of Texas at Austin, Lyon was first his speechwriter, and then directed many other aspects of that campus's public affairs.

Lyon came to UC Berkeley in 1999 to lead the Office of Public Affairs, which includes media and government relations.

Born on May 21, 1956, in Willimantic, Conn., Lyon grew up on a series of college campuses. His father was an American Studies professor. When Lyon was 12, the family moved to Amherst, Mass., where his father and the father of his future wife, *New York Times* reporter Katie Hafner, were among the first faculty of Hampshire College.

Lyon was graduated from that college in 1980 with a degree in American Studies.

A talented writer, Lyon became a stringer for *The New York Times*. He then worked briefly for the *Berkshire Eagle* in Pittsfield, Mass., before moving to Texas in the early 1980s to work for the *Texas Observer*, where he was associate editor.

Lyon then went to work for Lloyd Doggett, a Democratic state senator from Austin who is now a Texas congressman. He next worked as chief speechwriter and deputy press secretary to then-Texas Gov. Mark W. White. In 1987, he signed on as national issues director for U.S. Rep. Richard Gephardt, who was running for president.

Lyon is survived by his wife, Katie Hafner, and their daughter, Zoe Lyon, of Berkeley; his parents, Richard Colton and Denny McTee Lyon, of Austin; and his brothers, Jeremy Lyon of Coos Bay, Ore., and Alexander Lyon of Austin.

Work ethic defined James Colvin, University of Texas ex-official

James Colvin, a business administrator for 24 years with the university, died Feb. 9 after a long illness.

Colvin, known for his dogged work ethic, was born March 10, 1914, in Nash, Texas. He spent his early childhood on a farm in the Byrd Community and was graduated from Ennis High School.

In 1932, he entered The University of Texas.

Colvin worked his way through the Depression in grocery stores, and later managed a service station.

In 1938, he earned a bachelor's degree in mathematics from Trinity University. After a stint in the Army Air Corps and several business-related jobs, he was hired at The University of Texas in 1961.

Colvin rose from business manager to senior vice president for business affairs. He retired in 1985.

Seven administrative offices to move to North Office building A

The North Office building A (NOA) will soon be home to seven university administrative offices.

By the end of April, staff from two Human Resource Services (HRS) office; the Employee Assistance Program (EAP); Equal Opportunity Services (EOS); the Office of Sponsored Projects (OSP); the Office of Research Support and Compliance; the office of Dr. Sharon Brown, associate vice president for research; and individuals from Information Technology Services — Administrative Computing (ITS-AC) will reside in the combination classroom and office building at the corner of East 27th and Wichita streets.

A team of representatives from each of the offices has been working during the past year to minimize any disruption to day-to-day operations.

“Some things won’t change,” said Linda Casarez, director of administration, HRS. “For example, all of our telephone numbers will remain the same. But other things require a little extra planning on our part and the part of our colleagues and customers. We believe the disruption to our customers will be minimal and the impact to our customers positive.” For example, centralizing HRS, EAP and EOS will provide a kind of “one-stop shopping”

environment for university employees.

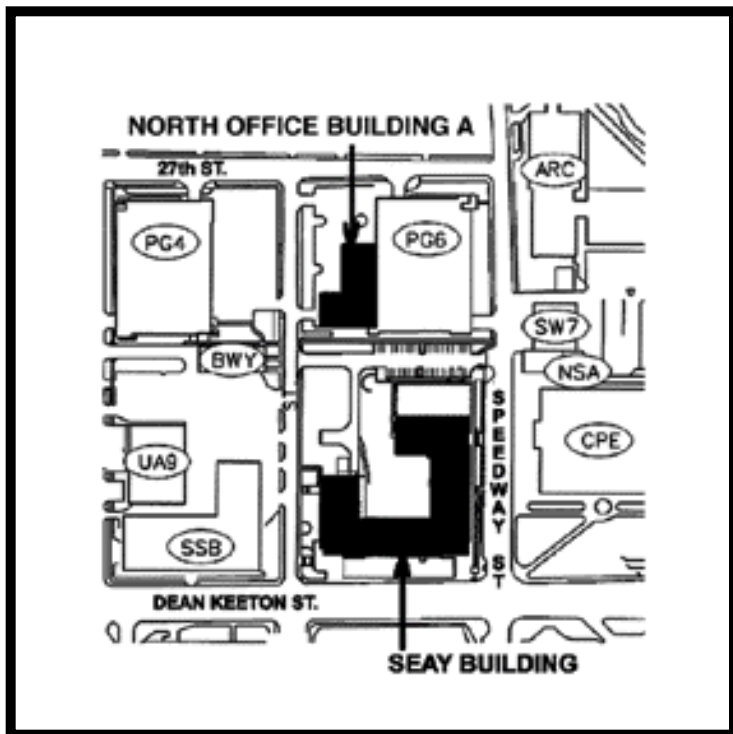
Other important “need to knows” about the move include:

- Offices will be unavailable on the date of their moves (see chart)
- Mail will be forwarded to NOA until the campus is aware of new mail codes for these offices
- Visitor parking is available in Parking Garage 6
- Visitors may also take the shuttle to NOA. The shuttle drop-off is at West Dean Keeton Street between University and Wichita

Services provided by these offices may be limited for a few days while staff unpack and get oriented to their new space.

“We are working hard to limit the amount of time we will need to get organized after the move, but we are encouraging the people we work closely with to plan ahead, especially on issues with deadlines,” said Connie Nicholson, assistant director, OSP.

During the next few months, all of these offices will be communicating with the campus, regularly reminding us of when the move will occur and what work needs to be done in anticipation of “moving day.”



Designers chosen for Tower Garden project

— Continued from Page 1

integrity of current uses for the site while also creating a space for an appropriate memorial. The garden is used for teaching and research but also is a popular site for members of the university community and visitors to rest, study, enjoy the greenery and ponds and to engage in quiet reflection or conversation. Dedication of the memorial in the Tower Garden is planned for Aug. 1, 2003, the 37th anniversary of the tragic shooting event.

“The Tower Garden Design Selection Committee invited 58 artists from around Texas to submit their qualifications for consideration,” said Professor Neal Armstrong, committee chair. “The committee received proposals from 22 artists in response to this invitation. After careful review of the artists’ slides and written statements, the committee selected four, highly qualified finalists: Jill Bedgood, Damian Priour, Regina Vater and Mel Ziegler, all of Austin. The committee then interviewed each of the four finalists and recommended the selection of Jill Bedgood to President Faulkner.”

McKinney and Bedgood, both of Austin, will work collaboratively to design the Tower Garden Memorial, integrating the landscape of the entire site with the commemorative aspects of the memorial. They also will closely cooperate with the Tower Garden Design Selection Committee, a panel of faculty, staff and student and community representatives appointed by Faulkner to oversee the development of the memorial object for the Tower Garden.

The renovation of the Tower Garden is expected to occur in three phases and the university has allocated \$200,000 for the initial phase of the project.

McKinney has long been associated with The University of Texas at Austin, having been graduated *summa cum laude* in 1977 with a bachelor’s degree in botany.

In the mid-1990s, she was one of the associate landscape architects to Cesar Pelli and Associates on the university’s Campus Master Plan. McKinney’s projects include serving as the sub-consultant landscape architect for the City of Austin Great Streets Master Plan. With McKinney-Kelley Joint Venture, she

is the prime consultant for the Remembrance Gardens at Riverbend, as well as the sub-consultant for the new Austin City Hall.

As project landscape architect for J.R. Anderson, McKinney collaborated in the design and construction of the 42-acre Lady Bird Johnson Wildflower Center that received the prestigious National Merit Award from the American Society of Landscape Architects. McKinney is a member of the city of Austin Design Commission and has been an adviser and juror for the city of Austin Art in Public Places Program. She received her master’s degree in landscape architecture from Texas A&M University in 1989.

Over the past 20 years Bedgood’s artwork, which has been widely exhibited in museums and galleries across Texas, has addressed a variety of social and human concerns.

In addition to her studio work, Bedgood’s prior public art commissions include projects at the Austin-Bergstrom International Airport, Austin Convention Center, South Austin Senior Citizens Activities Center and Zilker Park. She has taught for many years as an adjunct faculty member at Southwest Texas State University in San Marcos and Southwestern University in Georgetown.

She also was a visiting artist in residence in sculpture at the University of Tennessee during the 1999-2000 academic year.

In 1989, Bedgood was one of three artists in Texas awarded the Mid-America Arts Alliance/National Endowment for the Arts Fellowship Award in Sculpture. Most recently, Bedgood, along with another local artist, was awarded a Resident Fellowship at the Rockefeller Foundation in Bellagio, Italy.

Bedgood received her master of fine arts degree from The University of Texas at Austin in 1983 and her bachelor of fine arts degree from Louisiana State University in 1976.

The Tower Garden is the site each May for UT Remembers, a memorial ceremony honoring the current students, faculty and staff, and retired faculty and staff, who died during the past year. The goal of the Tower Garden Memorial is to provide a space that will evoke feelings of serenity, healing, renewal, community and peace.

University of Texas at Austin Office	Scheduled Move Date
HRS (Administration, Benefit Services, Compensation, Compliance and Campus Relations, Employee Relations, Information Services, Training Services)	April 10
HRS (Recruiting and Staffing Services, Employee Record Services)	April 11
EAP	April 12
EOS	April 12
Office of Research and Support	April 15
ITS-AC	April 23
Dr. Sharon Brown, associate vice president for research	April 15

O's Cafe opens Main Building location

O's Cafe has opened a second O's to Go location in the courtyard behind the Main Building.

O's to Go #2 serves breakfast, lunch and snacks Monday through Friday from

7:30 a.m. to 3:30 p.m.

For more information about O's to Go #2, including menu items and prices, visit the Web site: <www.aces.utexas.edu/ocafe>.

University earns 'Best of the Best' designation for community project in 2001

The University of Texas at Austin's Project 2001 has received the "Best of the Best" award from Keep Austin Beautiful for a project that brought together about 2,000 volunteers from the university community to help clean and beautify an Austin neighborhood.

The award, presented during the Keep Austin Beautiful 17th annual awards luncheon on Feb. 8, recognizes the project's accomplishments in areas such as community benefits, leveraging of resources, volunteer involvement and the long-term effect on the Austin area.

Project 2001 delivered a range of services to homes, a park and various not-for-profit organizations in the Springdale neighborhood in east Austin last year.

Project highlights included creating a fully mulched trail through a forested park and significantly enhancing the appearance of the neighborhood's elementary school.

Work on the school included painting, landscaping and creating a mural on a wall of the gymnasium. About 25 homes in the neighborhood benefited from painting and landscaping and several elderly and disabled residents received minor repair work on their homes.

Students removed litter from public areas such as streets and sidewalks and minor repair work was performed at some neighborhood churches.

This year's Project 2002, the university's fourth annual project, was held Feb. 16 in the Bouldin Creek neighborhood in South Austin.

Helping the community through hands-on participation Project 2002 revitalizes South Austin neighborhood



Erik Hensarling, a biology junior, scraped paint at the St. Annie African American Methodist Episcopal Church in South Austin on Saturday, Feb. 16, as a participant in Project 2002. More than 2,000 volunteers took part in the cleanup project.



East Bouldin Creek was one of several sites benefiting from cleanup and landscaping work during the one-day, student-run service event.



Photos by Marsha Miller

More than 2,000 work hours were put into the planning of Project 2002. The volunteer base was composed of students, faculty, staff

and alumni of The University of Texas at Austin. Project 2002 was the fourth in a series of annual service events by the university community.

For the fourth consecutive year, about 2,000 student, faculty, staff and alumni volunteers from the university worked together with Austin neighborhood residents on a massive clean-up and beautification project.

The volunteers participating in

Project 2002 worked Feb. 16 in the Bouldin Creek neighborhood off South First Street. Work sites included Becker Elementary School, the Meadowbrook Housing Complex, the Boys and Girls Club of South Austin, various churches, East Bouldin Creek and several area resi-

dences, said project co-chairs Shannon Gray and Rick Gutierrez.

Volunteers provided painting and landscaping services, minor renovations and cleanup services. An addition to the volunteer work force this year was a group of alumni participating through the Texas Exes.

Project 2002 is the fourth in a series of annual service events by the university community.

Since the first project year, more than 6,000 university volunteers have worked on more than 100 houses, four schools, two parks, one housing complex and numerous alleyways and empty lots.

University students to add creative touch to barren appearance of partially completed Intel structure in downtown Austin

The creative minds of four of the university's second-year art design students soon will help give a creative appearance to the barren faces of the partially completed Intel structure in downtown Austin.

Directed by Associate Professor Daniel M. Olsen of the Design Division, Department of Art and Art History, the students recently completed the designs for massive coverings that will hang from the two most prominent sides of the building on Fifth Street at Nueces and San Antonio streets.

The design project, titled *Take Time*, was selected because it addresses the vast changes Austin is undergoing, and it encourages viewers to take time to reflect on Austin and its many faces of change. The fabric panels will be arranged on the fourth and fifth floors on the east and west faces of the building.

A cable system strung horizontally across the bays will serve as the structure to which the panels will be attached, held in place with hooks and grommets. The project will evolve over months as additional panels are added. The last of the panels is expected to be in place by late spring.



Searcy



Thompson



Moore



Phillips

Olsen said the project gives the four students — Carolyn Moore, Katie Phillips, Ian Searcy and Ray Thompson — the opportunity to have their creative work displayed to the public on a grand scale rarely available to any designer.

"The project for the Intel building offers a prime opportunity for students to implement our design process," said Olsen, who has been working on the project with students since June of 2001. "The inherent nature of the project incorporates social, cultural, technological and aesthetic dimensions.

"In addition, it is a unique collaboration among the university, the business community and the people of Austin. It will demonstrate the particular strengths of the Design Division at The University of Texas at Austin and enable the students to

experience the realization of design ideas at an urban scale."

Olsen said the project was initiated based on a previous project that design students worked on for the Downtown Austin Alliance. A Downtown Austin Alliance member also contacted Olsen and arranged a meeting with Intel that led to initiation of the student project. The idea was for the students to develop creative designs by using techniques from their coursework to address the challenges presented by the suspended construction of a major downtown office building.

"Intel has a history with The University of Texas at Austin's colleges of Engineering, Natural Sciences and Education. It made sense for us to turn to the university, yet again, for a creative touch for our downtown project," said Fred Shannon, external affairs manager for Intel. "The university continues to demonstrate its

resource capabilities to the Texas business community."

Charles Betts, executive director of the Downtown Austin Alliance, said the project was conceived by the Downtown Austin Alliance and The University of Texas at Austin "as a temporary solution to the aesthetic image while Intel evaluates its options for the building."

He said the cooperative effort by Intel and the Downtown Austin Alliance, working together with the university on the project, underscores the community's determination to find interim solutions to the issues stemming from the economic downturn.

The completed images on the panels are of a red bench in the middle of downtown Austin during a typical workday, and the same red bench on the side of a cliff overlooking the Austin skyline.

The bench serves as a symbolic device that allows the viewers to place themselves within the image, either as a person sitting on the bench, actively watching Austin city life, or as the bench itself, passively becoming a part of the landscape.

Printed on the panels are meditative messages with a common theme of the use of time.

Dr. Joe C. Campbell elected member of National Academy of Engineering

Dr. Joe C. Campbell, a professor of electrical engineering at The University



Campbell

of Texas at Austin, has been elected a member of the National Academy of Engineering, the

highest honor earned in the engineering profession.

Campbell is widely credited for having developed the modern-day detectors of laser light used in telephone and other telecommunication systems to receive voice and data over fiber optics.

"Anytime you make a long distance phone call, you use a laser and our patented detector," said Campbell, the Cockrell Family Regents Chair in Engineering No. 3.

His election to the National Acad-

emy of Engineering recognizes his contributions to the development of high-speed, low-noise avalanche photodiodes.

These devices are a type of photodetector, a semiconductor device that absorbs light pulses of laser and converts this optical information into complex electrical signals. The avalanche photodiodes are used in fiber optic long-distance telecommunications where information is transmitted for long distances as pulses of light.

At the end of the transmission, the light must be changed back into electrical information. Campbell's avalanche photodiodes are able to do this at high speeds with very little distortion or noise.

Campbell is using the same concept to enhance computer speed by using optical transmission of data rather than slower electrical signals.

Law and Arts Conference under way through March 9



The School of Law and the College of Fine Arts are hosting leading legal scholars, playwrights, historians, musicians and journalists to discuss the process by which different kinds

of texts — legal, dramatic, musical or choreographic — achieve the transition from ink on page to public performance.

Conference speakers include the renowned director Jonathan Miller; playwright Arnold Wesker; University of California musicologist Richard Taruskin; *New York Times* reporters Linda Greenhouse and Anthony Tommasini; *Austin American-Statesman* arts critic Michael Barnes; Stanford University law professor

Lawrence Lessig; and Texas Supreme Court Chief Justice Tom Phillips, among many others.

There also will be concerts by pianists Russell Sherman and Malcolm Bilson and a presentation of Carl Orff's opera *Antigonae* by The University of Texas at Austin opera program.

Speakers and performers will discuss the adaptation of classic texts for contemporary audiences, especially if the original texts are deemed offensive to the audiences; the role of critics and legal academics in presenting works to wider audiences through the aegis of the review; and current legal issues of interest to the performing arts. Continuing legal education credits are offered for the Saturday conferences on copyright and contract law.

Most events are free. Seating is limited. For scheduling information, visit: <<http://www.utexas.edu/law/news/colloquium/lawandarts/>>.

For additional information, call Suzanne Hassler, symposium coordinator, at (512) 232-1100.



The Frank Erwin Center, which hosts collegiate basketball games and professional entertainment and cultural events, processes more than one million tickets a year.

University announces online, customer-service oriented ticket delivery system as UTTM replacement

The university on Feb. 15 started an online, customer service-oriented events ticketing system that will serve central Texas and other areas.

The system, called [Texasboxoffice.com](http://www.texasboxoffice.com), will provide customers with a Web site-based ticket purchasing alternative for local sports events, professional entertainment shows, concerts and other event productions.

[Texasboxoffice.com](http://www.texasboxoffice.com) replaces the computerized ticketing system formerly known as UTTM, which was managed on behalf of the university by the Frank Erwin Center, a multipurpose arena.

Customers familiar with the previous ticketing systems may continue to purchase tickets by phone.

UT Athletics tickets are available via the toll free number 1-800-982-BEVO. For Frank Erwin Center, Performing Arts Center and other tickets, call (512) 477-6060. Patrons also may continue to purchase both athletics and entertain-

ment tickets in person at Austin area remote ticket outlets, including those at H-E-B grocery stores.

University officials describe this project as unprecedented in the collegiate industry. To achieve it, the campus joined forces with ticketing industry powerhouse Paciolan (www.Paciolan.com) to replace several decade-old ticketing systems that housed UTTM and UT Athletics ticket operations.

The new [Texasboxoffice.com](http://www.texasboxoffice.com) system will allow customers the flexibility to purchase tickets online for events staged at the Frank Erwin Center, the Performing Arts Center, at UT Athletics stadia and arenas, and in other central Texas live event venues.

The project began to take shape three years ago when UT Athletics began managing the Frank Erwin Center staff and operations. The arena previously was administered by the university's Business Affairs Division.

UT Athletics had managed its own ticketing system for sports events while the

Erwin Center operated UTTM. Both ticketing systems now are obsolete and have been replaced by the single source [Texasboxoffice.com](http://www.texasboxoffice.com), which brings every modern ticketing and e-commerce tool designed to enhance customer service.

"Switching to a Web-based system is a statement of confidence in the direction we are going with our technology," said DeLoss Dodds, UT men's athletics director. "It also speaks to our commitment to enhancing our customer relationships.

"Ultimately, this system is a valuable communication tool that will allow us to capture and share patron information across departments, implement targeted communication programs and generate greater awareness of events at the university and across central Texas."

UT athletics conducts nearly 300 events per year and has a database of more than 120,000 customers. The Frank Erwin Center processes more than one million tickets a year.

The power of the [Texasboxoffice.com](http://www.texasboxoffice.com)

online system is in its ability to manage a customer's total experience. Customers may search for events, search ticket inventory, purchase tickets and manage their own ticket accounts. For customers who select the option, the system allows for e-mail notification of account information, promotions and other event-related news of interest.

Hosted on a private, secure server, [Texasboxoffice.com](http://www.texasboxoffice.com) assures users of a 24-hour secure environment for making Web-based purchases.

In addition to increased and enhanced customer relationships, the university hopes the system will provide a technologically advanced solution for future marketing efforts designed to strengthen patron loyalty, increase ticket sales and enhance revenue.

Links to www.texasboxoffice.com will be on various Web sites, including: www.texasports.com, www.utpac.org and www.utexas.edu/admin/erwin.



File photo by Marsha Miller

Two young girls marvel at a scientific experiment demonstrated by Austin Science Fun Day 2001 students. Austin Science Fun Day is an annual event with interactive booths and performances.

Adventure, wonder abound at Explore UT

— Continued from Page 1

- “Live” at 10: You deliver the news! Participants can test their skills as a television news anchor in the College of Communications’ television studio.
- Designing and Building a Remote Control Plane: A UT-Austin aerospace engineering student design team will show off its remote control airplane and describe the design and manufacturing process the team went through to build it.
- Making Texas-Size Prints with a Steamroller: Come watch cool prints being made with an actual industrial-size steamroller that serves as a “press” by rolling over art creations that are truly Texas sized.
- Texas Talent Showcase: Musicians will perform traditional country, blues and folk music. Featured performers include Wayne Hunt and friends, Miss Lavelle White and Slaid Cleaves. The Showcase is sponsored by the Center for American History.
- Build your Own Web Page: Learn the techniques of building your personal Web page. Your digital photo will be taken with special guest and UT mascot — “Hook ‘Em” — then you will receive one-on-one instructions to import your photo, add music and post your page on the World Wide Web.
- American Sign Language in Virtual Space: Interact with deaf users of video telephones and learn about the impact technology has on language practices.
- Spring Football Practice: The University of Texas Longhorns will face their teammates in the first scrimmage of the 2002 spring practice season. Watch the Longhorns high-powered offense battle with their nationally ranked defensive counterparts.
- Magic School Bus Ride to the Longhorn Pharmacy: Participants will engage in hands-on experiences to learn what a pharmacist does. Take a friend’s blood pressure, listen to heartbeat sounds and compound a medicine.
- A Chemist Looks at Anthrax: Six months ago, few of us had ever uttered the word “anthrax.” Since Sept. 11, however, the word and the accompanying fear has become commonplace. Come talk with Dr. Brent Iverson, a distinguished teacher and research scientist, on new approaches to the treatment of anthrax.
- Build Your Own Body Parts: Learn all about new biomedical engineering techniques that are being used to heal damaged and diseased organs. With new approaches using biomaterial plastics, scientists now are capable of growing living human tissue in the laboratory for use in the clinic.
- Honey, I Never Knew: Participants will be able to “try on” pregnancy by putting



File photo by Marsha Miller

Two young students learn how to design, build and fly. This event was one of several sponsored by the university's College of Engineering and will be returning for Explore UT 2002.

on the “Empathy-Belly.” This vest simulates the weight and balance challenges experienced by a woman who is nine-months pregnant.

- Austin Science Fun Day: Visit the Texas Memorial Museum of Science and History for a showcase of projects prepared by local companies and science-based organizations in partnership with school classes. For more information and a complete list of this year’s activities, visit www.austinsciencefunday.org.

Public school teachers and other licensed education professionals may earn Professional Development Credit at selected sessions. Printed certificates, which may be useful in meeting district requirements for merit or qualification for licensure renewal, will be mailed to participants who qualify.

For more information about Explore UT and to view a complete list of the day’s events, visit: www.utexas.edu/events/exploreut. For information about parking and special needs, visit: <http://www.utexas.edu/events/exploreut/parking.html>.

Frequently Asked Questions about the infrastructure charge

Editor's Note: The University of Texas System Board of Regents on Feb. 14 approved a \$150 per semester infrastructure charge for students (see story, Page 1), beginning next fall. The following FAQs provide details about the charge.

1. Why was the proposal for the infrastructure charge announced during the semester break, and were student leaders consulted and informed about the need for the charge?

The University Budget Council has been working since late October on a five-year financial plan for the University. This effort was prompted by general concerns about the near-term outlook on the part of the President and the Provost. This planning is at a significantly higher level of detail and involves a longer horizon than in the past. The effort is large and complex. A coherent budget picture, including possible remedies, was not available until Dec. 20, although it was clear by mid-November that there were sizable problems. President Faulkner alerted the Presidential Student Advisory Committee (PSAC) on two occasions last semester that there were serious issues to be addressed after the fall semester. The last PSAC meeting of the fall semester, on Nov. 26, was closed with such comments. The President similarly alerted the Faculty Council in a public session on Dec. 10. The timing of the specific proposal was necessitated by the overall approval process and budget cycle. Implementation of the charge in 2002-2003 is essential if we want to begin addressing the urgent needs identified in the five-year plan. It was not possible to define the charge proposal before the latter part of December, because the forecasting and planning effort was not yet complete enough. However, for implementation next year, the charge had to be proposed at the Regents' committee meeting in January, so that it could be considered for final action at the February meeting of the full Board of Regents. Copies of the President's Jan. 10 presentation to the Board of Regents Academic Affairs Committee were delivered to student leaders over the semester break. Since the resumption of classes on Jan. 14, meetings have been held with student leaders and open forums have been conducted and scheduled to address questions from the entire student body.

2. How does the final infrastructure charge differ from the initial proposal?

The administration's final infrastructure charge proposal reduces costs for current students by shifting some of the expense to future students, as well as those enrolled in summer school. The initial proposal recommended a charge of \$230, which would increase by \$50 a year for five years. The revised proposal, submitted after the administration consulted with student leaders, reduces the initial charge to \$150 for the fall and spring semesters and imposes a charge of \$100 for the combined summer sessions. The initial five-year term during which the charge would increase annually would be extended to six years. While the fall and spring semester charge is proposed to increase annually each fall by \$50, \$85, \$85, \$30 and \$30, respectively, and the summer semester charge would increase by \$30 annually each summer. The charge amount would be capped at \$430 per fall and spring semester, and at \$250 for the combined summer sessions. On a cumulative basis over the first 3 years of the charge all students will pay less under this final proposal com-

pared to the original proposal. Additionally, given that more than 65 percent of full-time students do not attend the summer session, under the final proposal, these students will pay significantly less each year for the first five years of the charge. The final proposal over the six-year period generates for the university cumulatively \$8.1 million less than the initial proposal. These monies are proposed to be used solely for the essential repair, renovation and capital budget needs of the university. In addition, the final proposal includes the creation of a task force to identify, initiate and manage efficiency actions to help the university achieve its expense-saving goals. As part of the new proposal, the administration has pledged to reduce costs by \$33 million over six years to help reach the goal of generating \$150.7 million in new annual recurring revenue needed to address essential renovation and repair projects.

3. What is the significance of our comparison with "peer institutions" in terms of the quality of education at The University of Texas at Austin?

State appropriations plus tuition and fees and charges support the core academic enterprise of public higher education. UT Austin's ability to compete with national leaders, that is the University's ability to offer Texas and Texans educational programs and knowledge-based services equivalent to the best available in other states, rests upon financial resources similar to those available in other leading public institutions. In Texas, about 90 percent of students in higher education are enrolled in public institutions, so Texas relies heavily on its public universities to provide students with access to nationally competitive programs. A sound financial base from appropriations, tuition and fees and charges is required if UT (a) is to draw and retain top talent among its faculty and staff, (b) is to establish and maintain necessary facilities, (c) is to achieve a student/faculty ratio characteristic of nationally leading public universities, and (d) is to become a force in emerging areas (for example, nanoscience or high-performance networking and computing) so that the state of Texas can seize national leadership relative to other leading states. The five institutions used for comparison in the presentation, "Funding the Future of UT Austin," are broadly recognized as being among the top public universities nationally. UT Austin consistently uses them to develop benchmarks of performance. Others could be added to the picture or could be substituted.

4. Is the annual increase of the charge on a per semester or per year basis?

The infrastructure charge is a flat charge assessed of all students beginning in fall 2002. The charge for the fall and spring semesters will increase each fall and the charge for the combined summer semesters will increase each summer. Students who enroll next fall would pay \$150. The same amount would apply for the spring semester 2003. In the fall semester 2003, the charge would become \$200, and that same amount would apply in the spring semester of 2004. Students taking more than six hours in the combined summer sessions of 2003 would pay \$100. In the summer of 2004, the charge would increase to \$130. These charges would be increased annually each of the following five years and would be capped in the sixth year

at \$430 for the fall and spring semesters and \$250 for the combined summer semesters.

5. Now that regents have approved this charge, will the university pursue additional charge increases over the next five years?

While new student charges are proposed to cover less than one-third of the total funding gap of \$150.7 million, President Faulkner has pledged to hold the line on charges during the next five years. The president will propose no additional new campus-wide charges in that period. The university administration will seek other solutions to increase revenues needed to meet the projected funding gap. The president also pledges that annual changes in the infrastructure charge will follow the schedule defined in the proposal. Currently established fees and charges normally have a modest annual increase, mainly to support changes in salary costs covered by the fees or charges. That pattern is expected to continue.

6. What effort is the university making to influence the Legislature to allocate more funds to higher education?

By law, university representatives cannot lobby. However, they can, and do, provide information about the university and its needs at the request of lawmakers. The UT System has the leadership role in informing the Legislature about the funding needs of institutions in the System.

7. Why are current students being asked to shoulder the burden of "catch up" regarding the university's deferred plant maintenance, repair and renovation needs?

The infrastructure charge is only a part (less than one-third) of the plan to address the university's overall 5-year gap of \$150.7 million in recurring funding. The remedies proposed for the whole involve a partnership among students, alumni and friends, the state of Texas, the regents, and the administration, faculty, and staff. All have parts in addressing the need. Focusing the student-financed part of the program on repair and renovation is compatible with the requirement in the Texas Education Code that requires charges to have a sharply defined purpose. Costs of repair and renovation must be included in the larger picture. The university community has a responsibility to preserve the legacy of this campus. A substantial number of the university's buildings were built in the 1950s-'80s and require significant repair and renovation. The clock is ticking. Without immediate action, the aging of our facilities will result in further deterioration, meaning that costs of restoration will become even higher in the future. Some buildings may even have to be abandoned. In addition, there are significant renovations that must be made to address fire and life safety, water control and environmental health issues. We have an immediate obligation to fund these types of projects.

8. If the university does not obtain additional funding for its infrastructure needs, what will happen?

As indicated in the reply to the preceding question, the challenge is to cover the entire \$150.7 million gap in

recurring funding over five years. Infrastructure is just part of the picture. If the charge were not approved, just as if we failed to achieve success with any other large part of the plan, significant structural changes would have to take place campus-wide. These include choosing to operate under a continuing deficit, to become nationally non-competitive on salaries, to reduce services and programs, to allow buildings to deteriorate, to cancel or to defer essential building and safety projects. UT Austin's current base of resources will not allow it to remain as a representative for Texas among the real leaders of public higher education nationwide. If the overall funding gap can be solved, we can remain competitive. If not, we will have to reconcile our programs to lesser goals. Once given up, a position of leadership cannot be regained in less than a generation, so the issue at hand has long-term significance.

9. What will the university do to help students who can't afford the charge?

An amount equal to 15 percent of the charge income will be designated each year from other institutional sources for undergraduate scholarships to cover costs for students in need. The Office of Student Financial Services anticipates being able to cover the full cost of the charge for dependent undergraduates with a "Parental Contribution" (calculated under standard federal guidelines) of less than \$6,000. A \$6,000 Parental Contribution is equivalent to an adjusted gross income of approximately \$55,000. Half coverage of the charge will be covered for dependent undergraduates with a Parental Contribution of \$6,000 to \$10,000. A \$10,000 Parental Contribution is equivalent to an adjusted gross income of approximately \$70,000. Half coverage will also be provided to undergraduates receiving federal financial assistance as independent students. An additional amount approximately equal to 7 percent of the charge income will be designated from other institutional sources for support of graduate students.

10. Will the charge affect graduate fellows funded by the University, teaching assistants and assistant instructors?

No. The plan will provide for tuition benefits from other institutional sources equivalent to the amount of the new charge.

11. Have alternatives to the imposition of the new infrastructure charge been explored?

In the answers to Questions 6 and 7, emphasis has been placed on a program for covering the whole \$150.7 million gap in recurring funding by means of a partnership among all constituencies of the university. A student share of one third is in keeping with the fraction of total educational cost that students now pay in the form of tuition and fees and charges. Other kinds of charges could be substituted for the infrastructure charge, so that the contribution from students toward the funding gap remains in the range of 30 percent, but the present proposal matches the charge well to specific applications of funds, as required by the Texas Education Code.

12. Why can't the athletics budget be used to address infrastructure needs?

The entire budget for men's and women's intercollegiate athletics makes up only 4 percent of the university's total operating budget. It is not large enough to finance a very

big portion of the \$150.7 million recurring funding gap. If the entire athletics budget were used in one year to cover about one-third of the recurring institutional deficit, these funds would not be available the following year, as the athletics program would cease to exist. The UT Austin athletics budget is almost wholly self-sustaining. Because the program is so successful, the university allocates little funding to intercollegiate athletics – which is not the case for most universities in the country. Most have programs that are far from self-sustaining and that require large subsidies from sources that otherwise would be used to operate the academic enterprise. Several years ago, UT Austin began to provide a subsidy to athletics to finance new women's sports so that we would comply with Title IX requirements. That subsidy is being gradually discontinued and is being replaced by funding generated by the athletics program itself. The discontinued subsidy will remain part of the university's operating budget and will be redirected to help with the university's recurring funding gap. In this respect, the budget for intercollegiate athletics will indeed be helping to solve the overall problem.

13. The university is raising \$1 billion in its Capital Campaign. Why can't this money address infrastructure needs?

The university is approaching its goal of raising \$1 billion in gifts to enhance academic excellence and to undergird its position as a national leader in higher education. The fund-raising campaign is in the fifth year of a planned seven-year term, and the campaign effort will continue through the full term. The raised money will increase faculty endowments, add student scholarships and fellowships, support innovative research and programs, and provide state-of-the-art facilities for faculty and students. However, the Capital Campaign yields, to an overwhelming degree, restricted gifts — designated for specific purposes by the donors themselves and not available to address maintenance needs, ongoing salaries, or other core operational aspects of the university's work. Donors want to enable the university to do something special, not just to operate on a routine basis. Of the \$960 million raised by Dec. 31, 2001, only \$1.6 million were unrestricted funds. Also, unrestricted money is typically nonrecurring; yet the funding gap is a recurring gap.

14. What does the term "recurring" mean and why is it important?

Most of the university's operating costs are recurring in that they happen year after year. Salaries paid to faculty and staff and the costs for electricity provide good examples. If a staff member is hired at a salary of \$40,000 per year, then \$40,000 will be needed this year, next year and the year after that, just to sustain the work done by that member. There is a recurring cost of \$40,000 for this activity. A nonrecurring cost is a one-time expense. A good example is the cost for construction of a new building. While the building will have a recurring cost of operation, it must be built only once to gain many years of service. Recurring costs need to be financed by recurring income streams (income that can be expected to be renewed annually). Examples include income from tuition, fees and charges and state appropriations. Nonrecurring costs can be covered from one-time income, for example from a gift or proceeds from a sale of land. The funding gap now under discussion is a recurring amount. Over the next five years, the university needs to find new recurring sources in the amount of \$150.7 million.

15. Can gifts provide recurring funding?

Most donors give money either all at once or in installments over a short period; thus almost all gifts are intrinsically nonrecurring. However, a gift can provide recurring income to the university if the donor designates it for "endowment," which means that the donor's choice is for the university to invest the gift rather than to spend it. The endowment will earn income, much like interest on a savings account. Some of the income is saved by adding it to the endowment, so that the endowment value keeps pace with inflation. The remainder of the income can be spent for "current use." Since the earnings are annually recurring, an endowment produces recurring income for current use. At present, endowments in the UT System yield about 4.5 percent of value for current use; thus a donor who provides an endowment gift of \$100,000 to support student scholarships gives rise to a recurring (annual) income of \$4,500 that can be granted to students.

16. UT Austin has a lot of money in endowments. Why can't it be spent to cover the forecast needs?

Endowments are funds directed by donors to be invested, rather than to be spent. A donor makes this choice because he or she desires to produce a permanently recurring income to support a specific purpose. The donor of the scholarship discussed just above chose to create an endowment in order to assure that the scholarships would be funded every year, on an inflation-protected basis, perpetually. When the university accepts an endowment, it is obligated not to spend the invested sum (the "principal" or "corpus"). Of course, it can spend the current-use income, but only for the purposes defined in the original gift agreement. For this reason, income from established endowments is already committed and cannot have much of a place in the plan to remedy the recurring funding gap. New endowments established in the current campaign can contribute toward the plan, and the plan includes a role for them.

17. What is the Permanent University Fund?

In the 19th century, the leaders of Texas dedicated sizable public lands for support of its leading institutions of higher education. Income from the land, mainly oil and gas royalties, has been required by the Texas constitution to be invested, rather than spent. The Permanent University Fund (PUF) is the large endowment that has been accumulated from that income. Like other endowments, the PUF itself cannot be spent. Only income from it can be spent. Its income is directed by the Constitution toward UT Austin, Texas A&M University and other institutions in the UT and Texas A&M systems.

18. What is the AUF? How much of it supports UT Austin?

The Available University Fund (AUF) is the annual spendable income from the Permanent University Fund. One third of the AUF goes to the Texas A&M System and two thirds to the UT System. Of the UT System share, 45 percent is dedicated to UT Austin to foster excellence. There is a common misperception that UT Austin commands the resources of the \$7.5 billion Permanent University Fund. While the PUF is managed by the UT System on behalf of all beneficiaries, it is not even predominantly dedicated to UT Austin. One-third of the PUF supports the Texas A&M System. The division of AUF income by the UT System implies that a little over 30 percent of the PUF supports UT Austin. The effective value of the PUF endowment for UT Austin is about \$2.5 billion.

Faculty Council

Administrators detail university's projected budget deficit

Editor's Note: The following report contains information presented to the Faculty Council on Jan. 28 about a proposed infrastructure charge for students. UT System regents approved a revised proposal on Feb. 14. For additional details, please see the story titled "University of Texas System regents approve \$150 per semester infrastructure charge for students," on Page 1.

By John Durbin

Secretary, The Faculty Council

On Jan. 28, the Faculty Council endorsed, without dissent, the administration's proposal for an infrastructure charge to students beginning with the academic year 2002-2003.

The endorsement came through adoption of a resolution from the Faculty Council Budget Advisory Committee, chaired by Michael Granof (accounting). The resolution included this in its argument: "This fee increase will benefit not only the university-at-large, but the students in particular. The economic value of the students' education depends upon the present and future reputation of the institution from which they receive it. The University of Texas cannot expect to achieve its constitutionally mandated objective of becoming a university of the first-class without adequate financial resources."

Granof said, "In response to student requests, the resolution asked that at least part of the student fees be directed toward aid, to assure that no student would be prevented from attending the university due to the proposed increase in fees."

Hegarty report

The meeting began with a special report from Kevin Hegarty, vice president and chief financial officer. Hegarty explained why current sources of revenue would not support the maintenance and enhancement of the university and its mission.

The report shows that in the 1960s, the real growth (allowing for inflation) in state support increased by 10.8 percent, while in the 1990s it decreased by 0.8 percent. It shows that for other UT system academic institutions the real growth in the 1990s was 2.9 percent, and for statewide academic institutions, excluding UT Austin and Texas A&M, the real growth in the 1990s was 1.7 percent.

The report also compares the resources available from appropriations plus tuition and fees, on a per-student basis, at six national leaders in public higher education, including UT Austin. These resources are those that support the core academic enterprise at each institution. Both the

total resources per student and the amount per student from state appropriations are notably less at UT Austin than at the other five institutions, even if Available University Fund income is included in the total for UT Austin.

The report is available online at: http://www.utexas.edu/spotlight/funding_presentation.html.

Hegarty said the university has been able to maintain itself as a leading institution by deferring plant maintenance, repair and renovation; by increasing student fees; by granting below-market salary increases to faculty and staff; by expanding research grants and contracts; and by an increasing reliance on gifts and endowments.

Student fees also have helped, Hegarty said. Since 1990, there is a total gap of \$702 million between the actual funding of the university from general revenue and the funding that would have been realized if UT Austin had received the average for higher education in Texas as a whole. Over that same period, the university has instituted and collected \$346 million in student fees.

Hegarty then gave an overview of a six-year projection for the core university budget (which excludes research projects by grants and contracts, and budgets for auxiliary enterprises such as housing and food, parking and intercollegiate athletics). He divided the core budget into three parts: essential operating budget, essential repair and renovation budget, and essential capital budget. He concentrated on the repair and renovation budget, which is related closely to the proposed new infrastructure charge. He said a large fraction of UT Austin's space was built in the '50s, '60s, '70s and '80s, with a particularly large portion built in the '60s and '70s. The university is facing rising costs associated with the maintenance of facilities in their third to sixth decades, especially those entering their fourth and fifth decades.

The six-year projection for the core university budget exposes some of the consequences if the university does not obtain substantial additional funding. The consequences include a remaining deficit in the core operating budget, a failure to remain nationally competitive in faculty salaries, a reduction in services and programs, buildings deteriorated or vacated, cancellation or deferral of essential building and safety projects, a continuing failure to compete satisfactorily with staff salaries in the local market, an inability to reduce the student/faculty ratio, a shortage of start-up funds for new faculty, and an inability to introduce program initiatives to cope with a changing world.

Hegarty said the administration's immediate plans to meet these challenges have three components: the adoption of an infrastructure charge; aim for full recovery of indirect costs and a real growth of 1 percent or better in legislatively-appropriated funds in the next legislative session; and a continuation to address other possible sources of savings and revenue.

The proposed infrastructure charge, as presented at the meeting, would begin with a charge of \$230 per semester for students enrolled in seven or more hours and \$115 per semester for students enrolled in one to six hours. The budget impact would be \$21.4 million for FY 2002-03, and it would grow each year. Proposed uses would be repair and renovation, bonding for essential capital budget and scholarships to include TA/AI and graduate fellowship tuition benefits and 15 percent to cover costs for students in need.

The proposal was to be presented to the board of regents on Feb. 13-14. It was revised several times to accommodate student concerns after it was endorsed by the Council.

Following Hegarty's presentation, President Larry R. Faulkner made general comments about the budget and the university's future. He said that to project the university forward in a responsible way, and to participate among the leaders in higher education, the university would require \$150 million in a combination of new recurring funding or recurring budget reductions over the next five years.

John C. Gilbert (chemistry and biochemistry) asked the president where the proposed infrastructure fee would place the university relative to its peer institutions, in terms of total cost to each student. The president said the university is somewhat below the mean of leading peer institutions now, and believed it would come closer to the mean at the end of five years.

Faulkner added that in putting a financial picture together "the object is not to terrorize you, or to make people feel desperate about the future." He said it is "to look in a clear-eyed way at what it will take for this institution to advance itself and to compete effectively on the national stage."

International studies

In light of the events of Sept. 11, the International Programs and Studies Committee offered a resolution calling for a renewed and explicit commitment in support of international studies at the university. The resolution was introduced by Peter Hess (Germanic languages), chair of the committee.

The resolution called for strengthening of foreign language learning and on-campus

international area studies, and experiences abroad for all university students. It also called for "all necessary support to the education of international students at UT."

John Gilbert, Glenn Masada (mechanical engineering), Joyce Banks (graduate student assembly), Esther Raizen (Middle Eastern languages and cultures) and James Yates (educational administration) expressed opposition to, or reservations about, the resolution. Cindy Carlson (educational psychology), Elizabeth Richmond-Garza (English) and Thomas Palaima (classics) wanted a more specific statement. The secretary said he thought the resolution was meant to be a statement of general feeling in light of recent events, and not the explicit approval of specific changes in policy or funding.

In the end, Hess agreed to convey the members' remarks to the committee.

Ombudsperson proposal

On behalf of the Faculty Grievance Committee, Martha Hilley (music), chair of the committee, introduced a proposal to create an Office of the Faculty Ombudspersons. A similar proposal had been approved by the Council in May of 2000, but was not approved by the president. The current proposal had been drafted in consultation with the provost.

Gilbert questioned the nature of the appointment and the compensation. He also wondered if the Center for Public Policy Dispute Resolution could be used until the need for an ombudsperson was more clearly established. Hilley said it was important that faculty grievances be dealt with by a member of the faculty.

Michael Starbird (mathematics) was concerned about the cost in light of budget problems discussed earlier in the meeting. Professors Palaima, Alan Friedman (English), Janet Staiger (radio-television-film), Mark Alpert (marketing administration) and Linda Reichl (physics) all favored the proposal. Reichl said she believed the relatively small amount the proposal might cost could have a huge effect on improving the climate for faculty and students.

The proposal was to be reintroduced on Feb. 18 because a quorum was not present.

Family leave

Chair Bruce Palka (mathematics) said the Council's Executive Committee was considering possible action in response to the UT System's rejection of the proposed policy on Teaching Continuity and Restructured Faculty Workload upon the Birth or Adoption of a Child. Further details of the meeting are available at: www.utexas.edu/faculty/council.

Laptop computers now available for check-out in Undergraduate Library

Laptop computers can now be checked out in the Undergraduate Library (UGL) by students, faculty and staff with a current UTID.

These laptops are for use only within the building and are available for check-out on a first-come, first-served basis.

Library patrons will be able to use these laptops to research online library resources and the World Wide Web, send e-mail, write papers and complete assignments using Microsoft Office tools such as Word, Excell and PowerPoint.

The 30 Dell Latitude C610 laptops are configured as follows: One GHz Pentium III

processor, 14.1 XGA display, 128 MB RAM, 20 GB Hard drive, DVD drive and Floppy drive, and an Ethernet card. Installed software includes Windows 2000, Microsoft Office 2000, Netscape and Internet Explorer.

The Perry-Castañeda Electronic Information Center (PCL EIC) also lends laptops. For more information about the PCL EIC service, see: <http://www.lib.utexas.edu/pcl/computing/laptops>.

For more information about the UGL service, contact Michele Ostrow, access services librarian, at: micheleo@mail.utexas.edu or (512) 495-4654.

Graduate students discovering new opportunities through IE Program

By Laura Grund

Office of Graduate Studies

Controlling one's own destiny falls under the category of "ownership." It's about taking a little bit of risk and stating what you think is important. It is easy for people to doubt themselves if they believe they have no control over their destinies.

This can be true especially for graduate students, who tend to find themselves in competitive, rigorous environments where they must "jump through hoops" to succeed as budding scholars.

At The University of Texas at Austin, the Graduate School's Intellectual Entrepreneurship Program (IE) is, in the words of one graduate student, "allowing students to re-empower themselves, so they can get back control over their own education, their own future. It lets students be more self-directed and pro-active, chart their own course, and evaluate their options in terms of education and career."

"Isn't that precisely what graduate education and scholarly training are all about?" said Rick Cherwitz, associate dean and director of the IE Program.

Since its inception in 1997, the mission of the program has been to create opportunities for students to discover their discipline, celebrate the value of their expertise and become successful academic professionals. Its theme is that graduate students are more than scholars: they are "citizen-scholars" whose knowledge allows, and perhaps obligates, them to contribute to numerous venues.

Five years into the program, it is evident that graduate students are thinking in new ways and seizing new opportunities as a result of their experience.

In both cross-disciplinary and discipline-specific

environments, students are offered training and assistance in such areas as academic and professional communication and writing, pedagogy, team building and collaboration, technology, ethics, consulting and entrepreneurship. The IE Program creates "spaces" designed to help graduate students discover and take advantage of the enormous value of their scholarly expertise and to be successful and resilient academic professionals.

"The consulting class requires students to examine their passions," said Jill McClure Lowery, an advertising doctoral candidate who took the IE Program's consulting class with Dr. Thomas Darwin, coordinator and faculty member in the program. Lowery said when she first started grad school, she thought her options were limited to the traditional routes of either the academy or an advertising agency. Now, she is thinking more about what she loves and how to make her education support it.

"In addition to simply imparting knowledge, the consulting course encourages students to approach entrepreneurship as both a scholarly and business endeavor," Lowery said.

"In Dr. Darwin's class, we examined our personal skills and the best way to use them, with the goal being a satisfying career. Since completing the consulting class, I have taken additional steps to follow my true passion, which is event management, instead of possibly more expected or traditional routes."

Consonant with the philosophy of the IE Program, the objective of the consulting class is to foster collaboration among academic disciplines and put into place effective and sustainable structures that enable graduate students to "own" their education and professional development. Grad students from many different disciplines have taken

and benefited from the class, including Julie Kern, a fourth-year doctoral candidate in the College of Pharmacy, Division of Pharmacology and Toxicology. Since Kern's graduate program is focused on scientific-related didactics and research, she wanted experience beyond the strong science emphasis so she could explore all her options.

"This course opens your mind to thinking about what you can do as a professionally educated individual to improve a program or situation for the betterment of others," she said. "I got an opportunity to think 'out of the box' about what I could do to improve life for others, develop a plan to act on this vision and, ultimately, make it happen." Kern plans to pursue an academic post-doctoral position.

Another popular IE course is entrepreneurship (GRS 390G), which is designed to help students identify opportunities to put their training and expertise to use in creative ways, whether in business, scholarship or other areas.

Regardless of a student's discipline, coming up with good ideas, finding good problems to work on, securing resources needed to conduct research and disseminating findings are all entrepreneurial. This course assumes that creativity and innovation are inherently collaborative, and that the ability to integrate different viewpoints is critical to success.

David Middleton, a student at the McCombs School of Business, took the entrepreneurship class last summer and is taking an IE class in academic and professional communication.

"Both the entrepreneurship class and the academic and professional communication class have had a diverse group of students from several different disciplines, which has been very rewarding in terms of the quality and the thoroughness of the feedback," he said. "Both of these classes have provided me with structured techniques that I have been able to utilize while pursuing both my personal and professional goals."

The IE program also offers courses and internships for graduate students interested in a more traditional career in academe. One of the better-known IE projects is Preparing Future Faculty (PFF), a national initiative to develop model programs that better prepare graduate students interested in a teaching career.

GRS 390N (PFF Internship) gives graduate students from research universities like UT Austin the opportunity to work with local institutional "partners" that primarily serve undergraduates, such as liberal arts colleges, community colleges and comprehensive universities.

These local partnerships offer graduate students the chance to gain first-hand experience by observing and participating in carrying out responsibilities such as teaching and advising, curriculum development, and departmental and committee service that will form the core of their responsibilities as new faculty members. Five partner institutions comprise the University of Texas cluster: Austin Community College, Huston-Tillotson College, St. Edward's University, Southwest Texas State University and Southwestern University.

Theatre doctoral candidate Carolyn Roark participated in PFF at St. Edward's University in the fall of 2000. She said the PFF internship was a perfect match for her, as she eventually wants to be a professor at a college similar to St. Edward's. Her position as teaching assistant for an acting class was so positive, she started her own teaching workshop last semester as part of PFF to help prepare other graduate students going into internships.

"IE lets you regain ownership of what you're doing now, reclaim your educational process now and get a head start to get ownership over your career and life after graduate school," Roark said.

The IE Program is helping many graduate students become "citizen-scholars" who can use their expertise to make a difference in their discipline and in the community.

"In addition to furthering my education, the IE Program has made me feel not just like a graduate student in search of knowledge, but a person who can actually make something beneficial happen in the world with my knowledge," said Kern.

To learn more about classes in the IE Program, visit: <http://www.utexas.edu/ogs/development.html>. For more information, contact Rick Cherwitz at: spaj737@uts.cc.utexas.edu or Dr. Thomas Darwin at: tdarwin@mail.utexas.edu.



ARETE

By

Rick Cherwitz and Courtney Dillard

Office of Graduate Studies

Editor's note: Arete is an ancient Greek word for virtue, describing the quest for individual excellence. In this regular feature of *On Campus*, the University salutes its graduate students — whose considerable contributions to the academy and larger community are truly virtuous. These features will be framed and posted in the lobby of the Office of Graduate Studies, Main 101.



Name: Anne Clark
Hometown: Valdosta, Ga.
Department: Electrical and computer engineering/biomedical engineering
Advisor: Dr. Rebecca Richards-Kortum

Anne Clark has a long and distinguished history of navigating the productive intersections between academia and the larger community.

She was graduated from the Air Force Academy in 1992 with a B.S. in electrical engineering and applied mathematics. Immediately afterward, she attended the Massachusetts Institute of Technology, where she received her M. S. in electrical engineering and computer science in 1994.

Before teaching as an assistant professor of electrical engineering at the Air Force Academy, she also led a software team in helping to develop avionics software for the Air Force's next generation fighter, the F-22.

When Clark decided to return to school and earn a Ph.D., she actively pursued a research program that addressed pressing societal concerns. An electrical engineer by trade, she decided to use her skills in the fight against cancer. Upon entering The University of Texas at Austin, she began working in the Spectroscopy Lab with Dr. Rebecca Richards-Kortum.

Specifically, she is helping to advance the state of the art in biomedical imaging systems. Such advances will allow doctors to diagnose oral cancer in its early stages by performing an optical biopsy.

Cancer is the second-leading cause of death in the United States, with survival rates falling drastically if the cancer is detected after it spreads from its initial location.

Oral cancer is an especially shocking example of this problem with overall five-year survival rates of only 54 percent, even though more than 80 percent of cases are cured when the disease is caught early enough.

Clark's system gives doctors the tools to examine noninvasively a questionable area in the mouth at a sub-cellular resolution, the same resolution used to examine standard biopsies.

The system builds its images using a technique very similar to ultrasound, but instead of sound, it uses laser light. Multiple filters allow the instrument to isolate light coming from a specific layer within the tissue and look through the tissue to a depth of nearly 0.5 mm.

This would eliminate the need to remove tissue and send it to the lab for processing, cutting down on painful procedures and long wait times for results.

In fact, techniques such as this open up the possibility of a doctor on one end of video feed imaging an area, with a pathologist on the other end giving immediate direction and feedback.

Once the basic technique is demonstrated, Clark plans to improve the system by adding an endoscope that will allow imaging within restricted cavities and to explore other areas of the body for which this technique could be used. Soon, Clark said, the day will come when cancer can be diagnosed during a routine visit to the doctor without the additional levels of screening and tests now needed.

University of Texas at Austin students from all disciplines choose golf: 'For Business & Life'

By Sheila Allee

Learning to play golf was a longtime ambition for University of Texas at Austin senior Brad Hindelang. He had hoped to learn the game by playing with his father. But, as it turned out, he got the next best thing — he learned from touring pros of the Professional Golf Association (PGA).

Thanks to a \$200,000 donation from university alumni and PGA tour professionals Ben Crenshaw and Justin Leonard, Hindelang and dozens of other undergraduate students are receiving expert instruction in the game of golf.

It is all part of the new "Golf: For Business & Life" program instituted after Crenshaw and Leonard and the U.S. golf team won the 1999 Ryder Cup golf tournament. As part of their winnings, each of the golfers on the U.S. team was awarded \$100,000 to give to the college of their choice.

Of the \$200,000 Crenshaw and Leonard gave to The University of Texas at Austin, \$150,000 was placed in an endowment to support Golf: For Business & Life in future years. The remaining \$50,000 has been used as seed money to get the program up and running.

"It's been a tremendous, tremendous help," said golf instructor and kinesiology lecturer Randy Oehrlein of the new funding. "I can see the students' progress already."

An immediate result of the new program is more access to the driving range and putting greens.

"Before we had this funding, we hit balls on the intramural fields and then



Professional Golf Association competitors Ken Wilson, left, and Jeff Simmons, right, are instructors in the university's Golf: For Business & Life program. The initiative started through a donation from PGA stars Ben Crenshaw and Justin Leonard, both alumni of The University of Texas at Austin.

picked them up ourselves," Oehrlein said. "We couldn't use any long irons at all."

At most, the students went to the driving range four times a semester.

"Now, the students just have a much better learning environment. They're getting to hit twice as many golf balls and getting twice as much practice in the same amount of time," Oehrlein said.

Tom Templen, a consultant with the PGA of America (PGAA), which sponsors the Ryder Cup and the Golf: For Business & Life program, said the goal is to make lifelong golfers out of college students.

"The notion is not only will these kids learn the game of golf in college, but they will go on to play and use it in their personal and professional lives," said Templen, who also is head of the kinesiology and health department at Purdue University. "Professional instruction is key

— the quality of the instruction and the quality of the experience are crucial to continued golf involvement."

The PGAA has started Golf: For Business & Life programs at 14 universities and soon will open six more at other universities.

To gauge the effectiveness of the UT Austin class and students' prospects for future play, pre- and post-class surveys were conducted last spring by Dr. Dan Funk, assistant professor in kinesiology and health. The surveys showed that most students believed they had improved their golf game and were enjoying it more. They also indicated they were more likely to play golf in the future.

Demand for the Golf for Life classes has been intense. Currently, there are seven sections of classes with 20 students each. Charlie Craven, head of the university's

kinesiology department, said the goal is to grow the endowment so more classes can be offered.

"We turn away six times that many each semester," Craven said.

Students in Funk's survey from last spring indicated they were from all walks of campus life with the highest percentage — 24 percent — from engineering. Management students made up 16 percent and liberal

arts 15 percent, while students from "other" majors totaled 43 percent.

Hindelang, an electrical engineering major, said the professional golf instructors provide a different perspective in class.

"Some people concentrate on certain parts of your swing," he said, "and that's helpful in improving skills."

Leslie Reedy, a finance major who was graduated in December, said she likes learning from the pros because they show her "new stuff or confirm what I already know."

"They're good instructors. They know what they're talking about."

Oehrlein said that by the end of a semester, "we've given them the tools of how to learn to be a better golfer. We've given them some success so they'll grow and stay with the sport."

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