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Committee Meeting: 2/4/2010

Board Meeting: 2/5/2010
Dallas, Texas

Janiece Longoria, Chairman
Paul Foster
Colleen McHugh
Robert L. Stillwell

	Committee Meeting	Board Meeting	Page
Convene	<i>10:00 a.m.</i> <i>Chairman</i> <i>Longoria</i>		
1. U. T. El Paso: Authorization to establish a Doctor of Physical Therapy degree	<i>10:00 a.m.</i> Action <i>President</i> <i>Natalicio</i> <i>Dr. Prior</i>	Action	220
2. U. T. System: Delegation of Authority to the Executive Vice Chancellor for Academic Affairs to approve academic institutional agreements for dual credit	<i>10:05 a.m.</i> Action <i>Dr. Prior</i>	Action	221
3. U. T. Austin: Report on the Cockrell School of Engineering Strategic Master Plan	<i>10:10 a.m.</i> Report <i>President</i> <i>Powers</i> <i>Dean Fenves</i> <i>Dr. Prior</i>	Not on Agenda	222
4. U. T. System: Discussions on academic leadership matters related to cost containment strategies	<i>10:37 a.m.</i> Discussion <i>Dr. Prior</i>	Not on Agenda	236
5. U. T. System Board of Regents: Amendment to the Regents' <i>Rules and Regulations</i>, Rule 40601, Section 1.3, concerning proposed U. T. Arlington School of Nursing name change to College of Nursing	<i>11:28 a.m.</i> Action <i>President</i> <i>Spaniolo</i> <i>Dr. Prior</i>	Action	236a
Adjourn	<i>11:30 a.m.</i>		

1. **U. T. El Paso: Authorization to establish a Doctor of Physical Therapy degree**

RECOMMENDATION

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

- a. establish a Doctor of Physical Therapy degree program at U. T. El Paso; and
- b. submit the proposal to the Texas Higher Education Coordinating Board for review and appropriate action.

BACKGROUND INFORMATION

Program Description

U. T. El Paso is among the eight Texas public institutions with physical therapy programs and is proposing to transition from the Master of Physical Therapy degree (M.P.T.) to the Doctor of Physical Therapy (D.P.T.) degree.

This is an eight semester, 31 month, year-round program consisting of 99 semester credit hours. The eight semesters will include all didactic work as well as 36 weeks of full-time, guided clinical practice and two weeks of part-time, guided clinical practice. This curriculum is comparable to existing D.P.T. programs nationally.

Need and Student Demand

There are well-documented needs for improved access to health care because of aging as well as projected increases in the number of chronic diseases and disabilities seen by physical therapists. These needs require in-depth preparation of physical therapists to meet these health care challenges. Workforce projections document a continuing expansion of physical therapy positions in the future. According to a publication in *Trends*, there will be 72,000 job openings during the period of 2004-2014, due to growth and net replacement for physical therapists in the U.S. The job market for physical therapists is expected to grow 36.7% between 2004 and 2014 (*Collier, 2007*). The U. T. El Paso Physical Therapy program has rigorous admissions standards to assure student retention, graduation, and success on licensure exams. Survey data over the past 10 years show that 100% of graduates are employed upon completion of state licensure requirements.

As core providers of physical therapy education in the remote, economically challenged, overwhelmingly Hispanic community of El Paso, the U. T. El Paso Physical Therapy program has a special obligation to train qualified practitioners to meet the demands of a unique and growing population. The D.P.T. program at U. T. El Paso will directly serve the needs of local students and clients by providing access to a clinical doctorate degree program consistent with professional education standards now established across the country.

The program expects to admit 146 students within the first five years of the program, and is anticipated to graduate 70 D.P.T. students by the end of the program's fifth year.

Program Quality

There are seven current faculty members in the College of Health Science who are members of the graduate faculty and will teach and supervise students in the proposed program. All faculty members have advanced degrees, have a breadth of experience, and are well qualified to implement the proposed D.P.T. program. The proposed program will also have faculty support from other U. T. El Paso departments and the Texas Tech University Health Sciences Center at El Paso Paul L. Foster School of Medicine.

Moreover, the program will hire three additional faculty members by 2012. The new faculty hires will be expected to have a doctoral degree in Physical Therapy or a related field and be eligible for licensure in physical therapy in Texas. It is anticipated that new hires will bring additional expertise in the areas of neurological disorders and integumentary system disorders.

Program Cost

Estimated expenditures for the first five years of the program are \$3,581,201. This includes \$591,047 in new faculty hires, \$2,141,588 in reallocated faculty salaries, and \$848,566 in administrative costs.

2. **U. T. System: Delegation of Authority to the Executive Vice Chancellor for Academic Affairs to approve academic institutional agreements for dual credit**

RECOMMENDATION

The Chancellor recommends that the U. T. System Board of Regents delegate to the Executive Vice Chancellor for Academic Affairs the authority to approve academic institutional agreements for dual credit.

BACKGROUND INFORMATION

According to *Texas Administrative Code*, Part 1, Section 4.83, dual credit is a process by which a high school student enrolls in a college course and receives simultaneous academic credit for both college and high school courses. Dual credit is also referred to as concurrent course credit; the terms are equivalent. *Texas Administrative Code*, Part 1, Section 4.84, requires the approval of any dual credit partnership between a secondary school and a public college by the governing board or designated authority of both the public school district or private secondary school and the public college prior to the offering of such courses.

This item recommends the Board of Regents delegate the authority to approve dual credit partnerships for the academic institutions to the Executive Vice Chancellor for Academic Affairs. If approved, Regents' *Rules and Regulations*, Rule 10501, will be amended accordingly.

3. U. T. Austin: Report on the Cockrell School of Engineering Strategic Master Plan

REPORT

Executive Vice Chancellor Prior and President Powers will present the Cockrell School of Engineering Strategic Master Plan for U. T. Austin, along with Dr. Gregory L. Fennes, Dean of the School of Engineering. A related PowerPoint presentation is set forth on Pages 223 - 235.

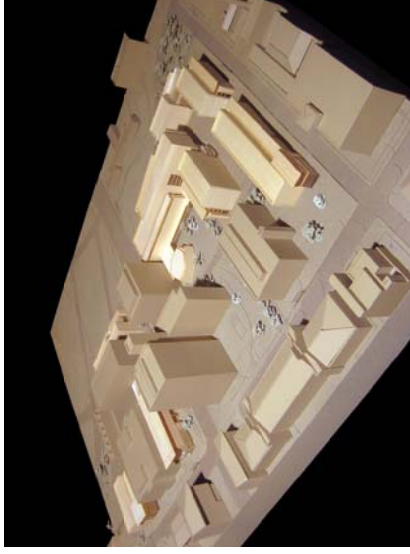
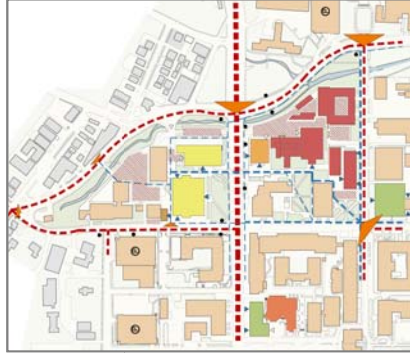
Also present at the meeting will be:

- Dr. Steven W. Leslie, Executive Vice President and Provost, U. T. Austin
- Dr. Patricia Clubb, Vice President for University Operations, U. T. Austin
- Mr. Terry D. Steelman, FAIA, Principal, Ballinger-Architecture, Engineering, Planning

BACKGROUND INFORMATION

In 2008, U. T. Austin retained Ballinger Architects to prepare a long-term Strategic Master Plan for the Cockrell School of Engineering with the goal of assessing the current facilities and bridging the gap between the state of facilities and the School's vision for future excellence. A thorough investigation by the consultants, combined with the School's in-depth strategic academic planning, has resulted in a compelling plan that meets the programmatic needs and growth goals of the School. The plan provides the means to prioritize future capital projects and to inform stakeholders. (See Item 2 on Page 268 of the Facilities Planning and Construction Committee related to the Engineering Education and Research Building.)

Cockrell School of Engineering Strategic Master Plan



President William Powers, Jr.
Executive Vice President & Provost Steven W. Leslie
Vice President Patricia Clubb
Dean Gregory L. Fenves

Ballinger—Architecture, Engineering, Planning
Terry D. Steelman, FAIA, Principal

Board of Regents' Meeting
Academic Affairs Committee
February 2010

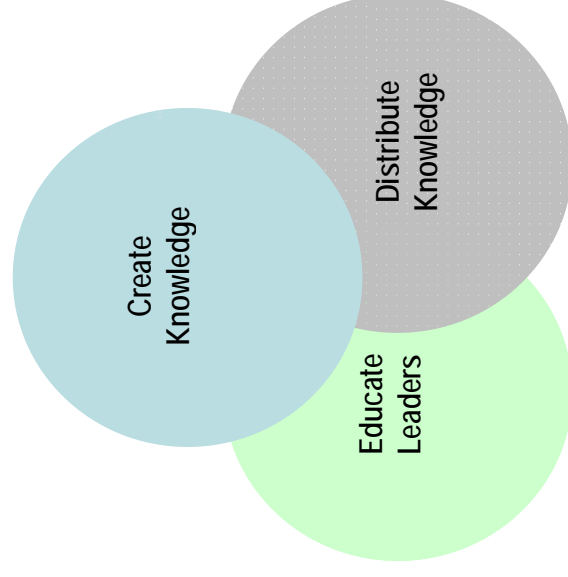
“The University of Texas at Austin can be *the* great public university in America.”
— President William Powers, Jr.

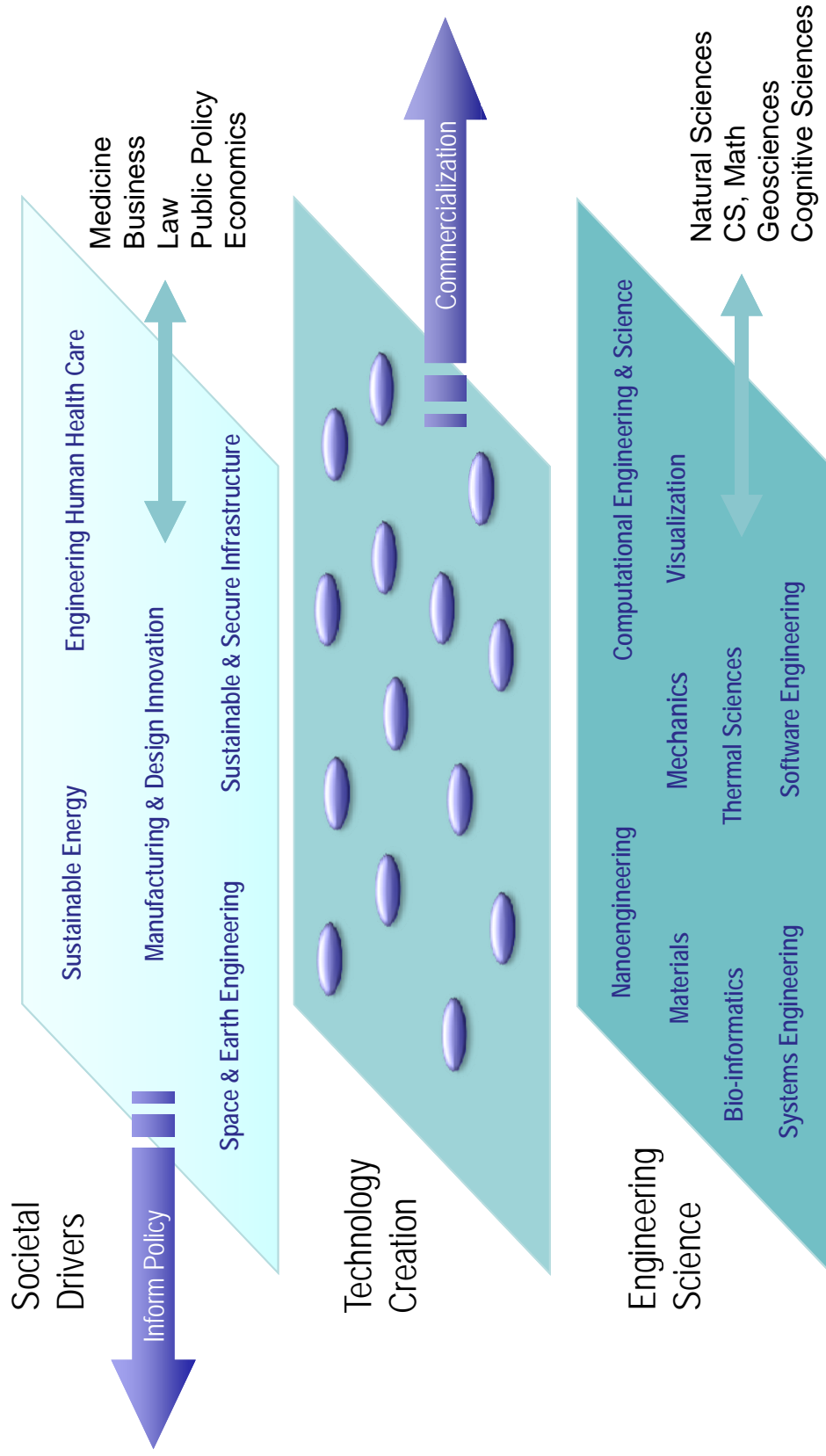
A Top Ten School of Engineering

- Cockrell School is ranked 9th in undergraduate engineering and 10th in graduate engineering
- 5400 undergraduate students and 2000 graduate students
- 3rd in nation for undergraduate engineering degrees for minority students
- Ranked 7th in number of Ph.D. graduates
- \$145 million in research grants in 2009

Our Vision for Leadership

- Become a top-five school of engineering
- Educate leaders in engineering and technology creation
- Increase world-leading interdisciplinary research programs addressing major societal needs, including energy, health care, infrastructure, and advanced manufacturing
- Attract major national research centers
- Focus on entrepreneurship to improve competitiveness of Texas and the United States



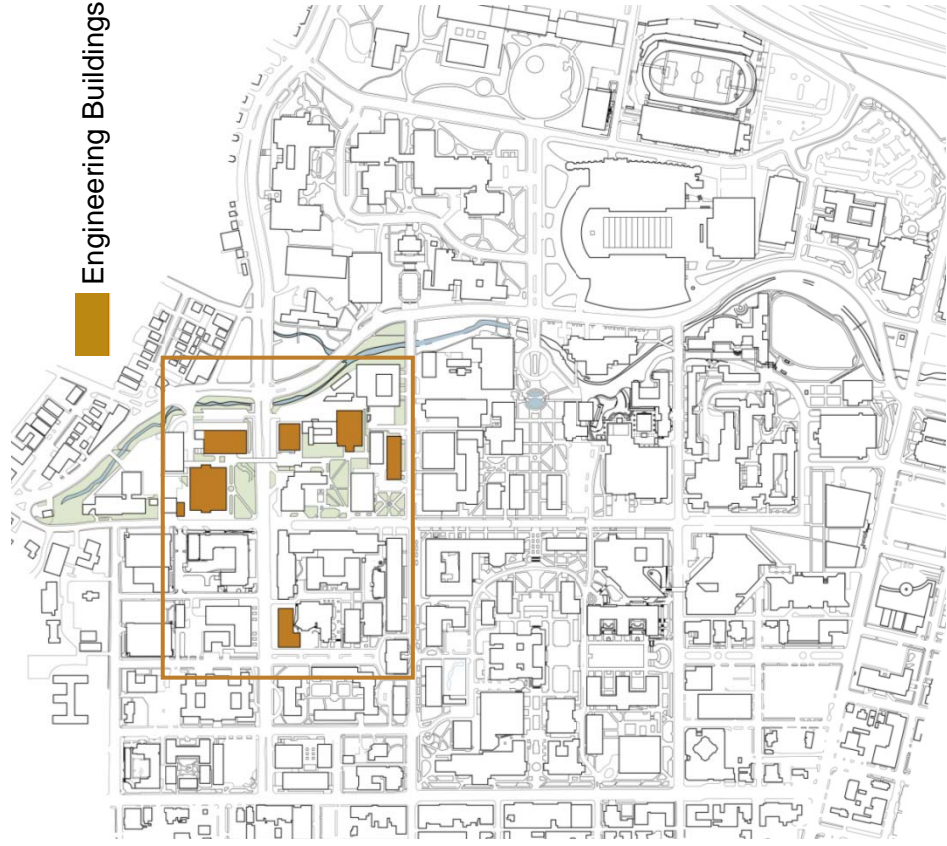


Competitive Landscape

- Current facilities are limiting our ability to recruit top faculty and student talent
- Peer schools have each added 600,000 to more than 1 million square feet since 2002
- We have added one new building on the Main Campus in the past 23 years (144,000 GSF)
- The teaching facilities do not allow modern approaches to engineering education
- Engineering Science (ENS) and Woolrich Lab (WRW) are functionally obsolete

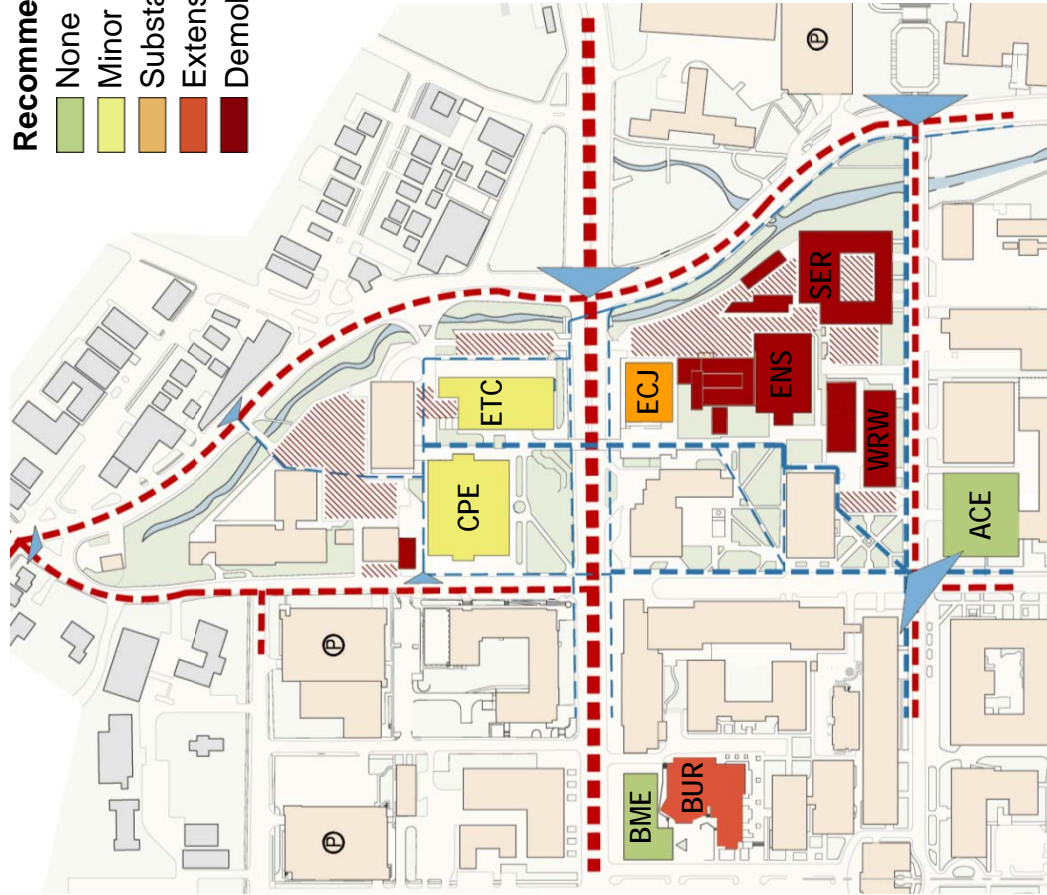
Goals of the Assessment Study

- Provide the environment for 21st century engineering research and education
- Support interdisciplinary approaches in teaching and research
- Centralize student services and collaborative learning facilities for project-based and experiential teaching
- Engage industry and develop entrepreneurship throughout research and education
- Establish identity and community for engineering and integrate with campus according to the Pelli Master Plan



Recommended Modifications

- None
- Minor
- Substantial
- Extensive
- Demolition



- ACE Applied Computational Engineering & Sciences
- BME Biomedical Engineering
- BUR Burdine Hall
- CPE Chemical & Petroleum Engineering
- ECJ Ernest Cockrell Jr Hall
- ENS Engineering Science Building
- ETC Engineering Teaching Center
- SER Service Building
- WRW W.R. Woolrich Labs

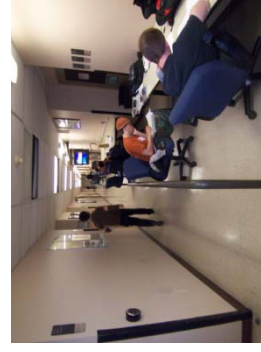
- Vehicular Circulation
- Pedestrian Circulation
- Access Point
- Surface Parking



ENS: Unusable Space



WRW: Overutilized Lab Space



WRW: Inadequate Study Space

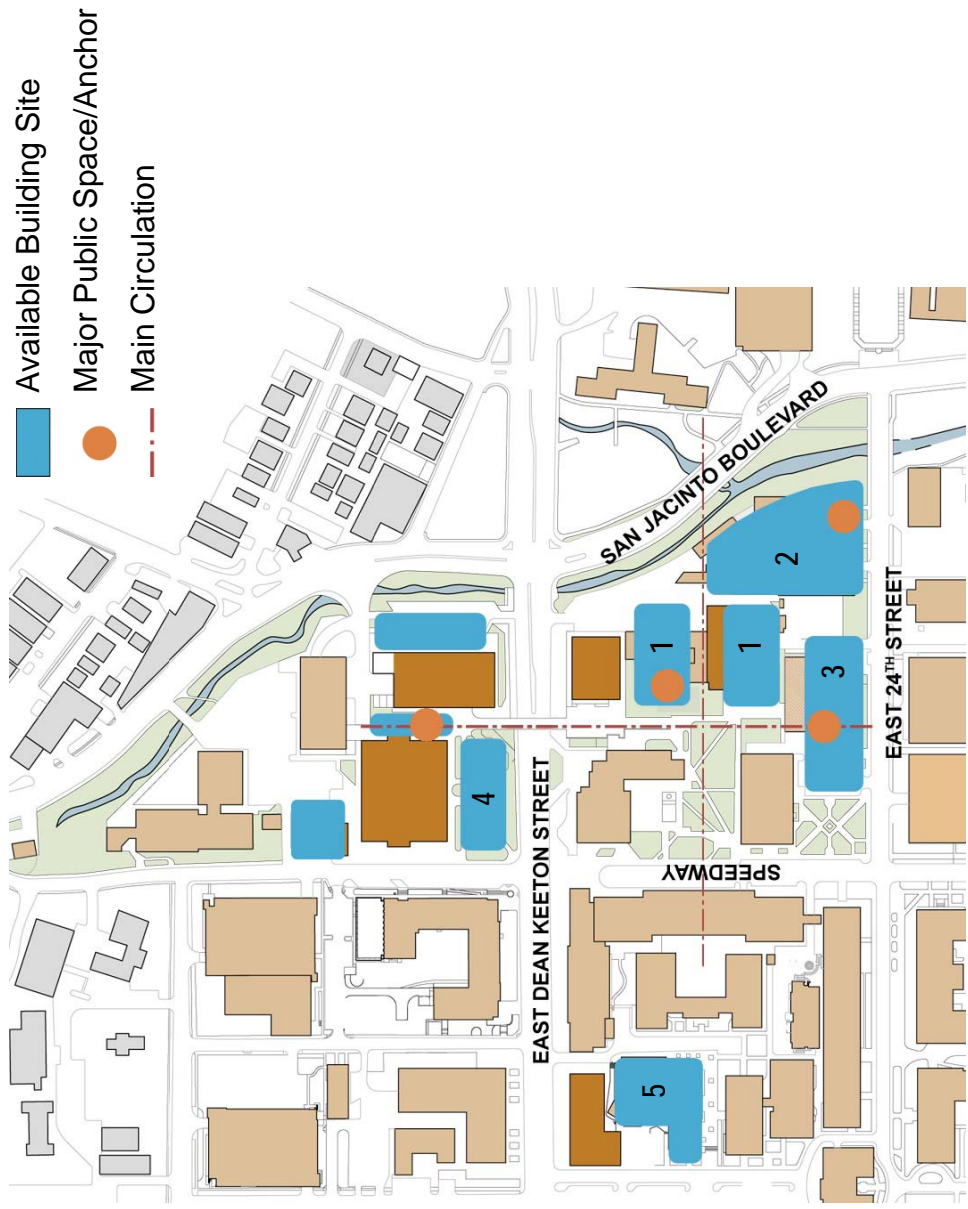
Space Needs for Academic Programs through 2023

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	Current Space	Future Space	Planned Total Space
Departments (NSF)	825,000	93,000	918,000
Interdisciplinary Research (NSF)	0	164,000	164,000
Interdisciplinary Teaching (NSF)	0	133,000	133,000
Other Programs (NSF)	140,000	25,000	165,000
Efficiency Gain (NSF)	-	(50,000)	(50,000)
Total NSF	965,000	365,000	1,330,000
Total GSF	1,620,000	610,000	2,230,000

NSF = Net Square Feet
GSF = Gross Square Feet

Available Building Sites



1. Engineering Sciences (ENS)

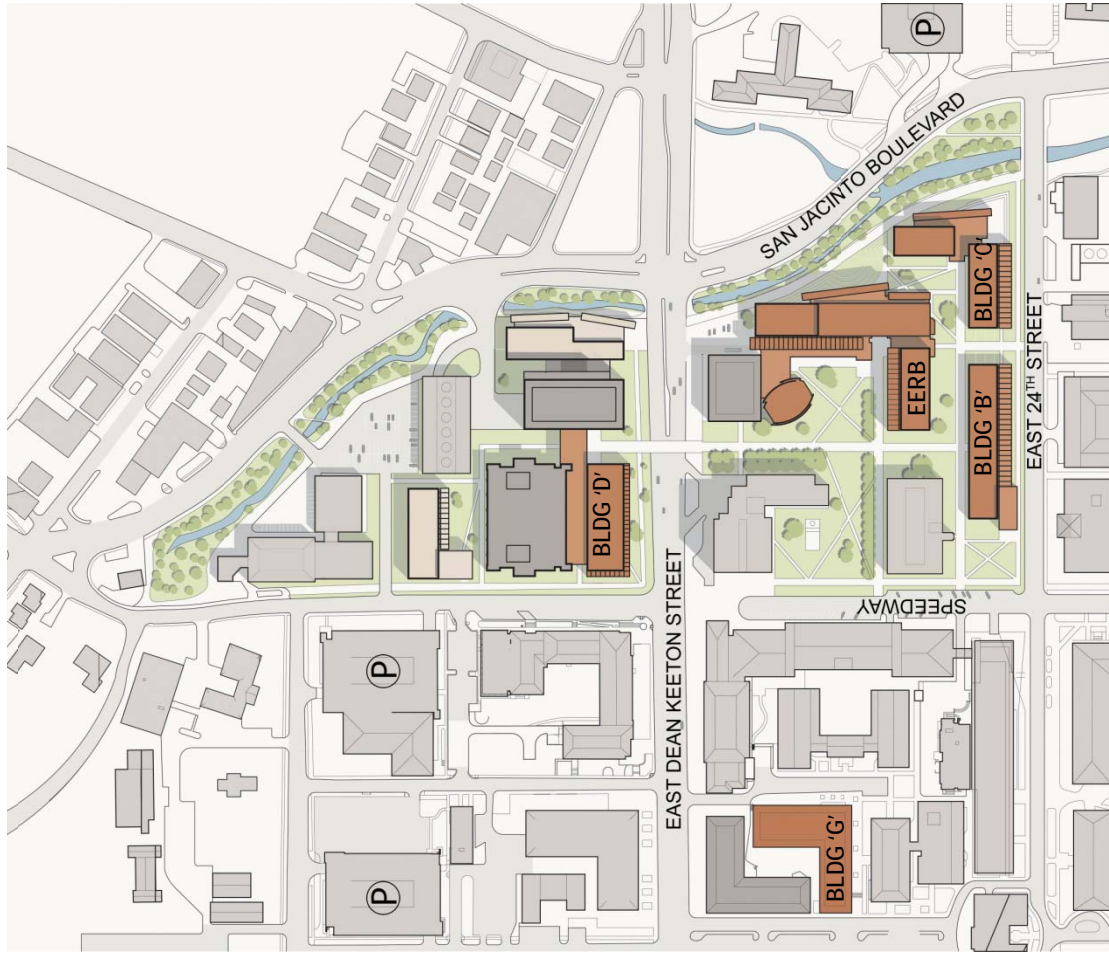


2. Services Buildings (SER)

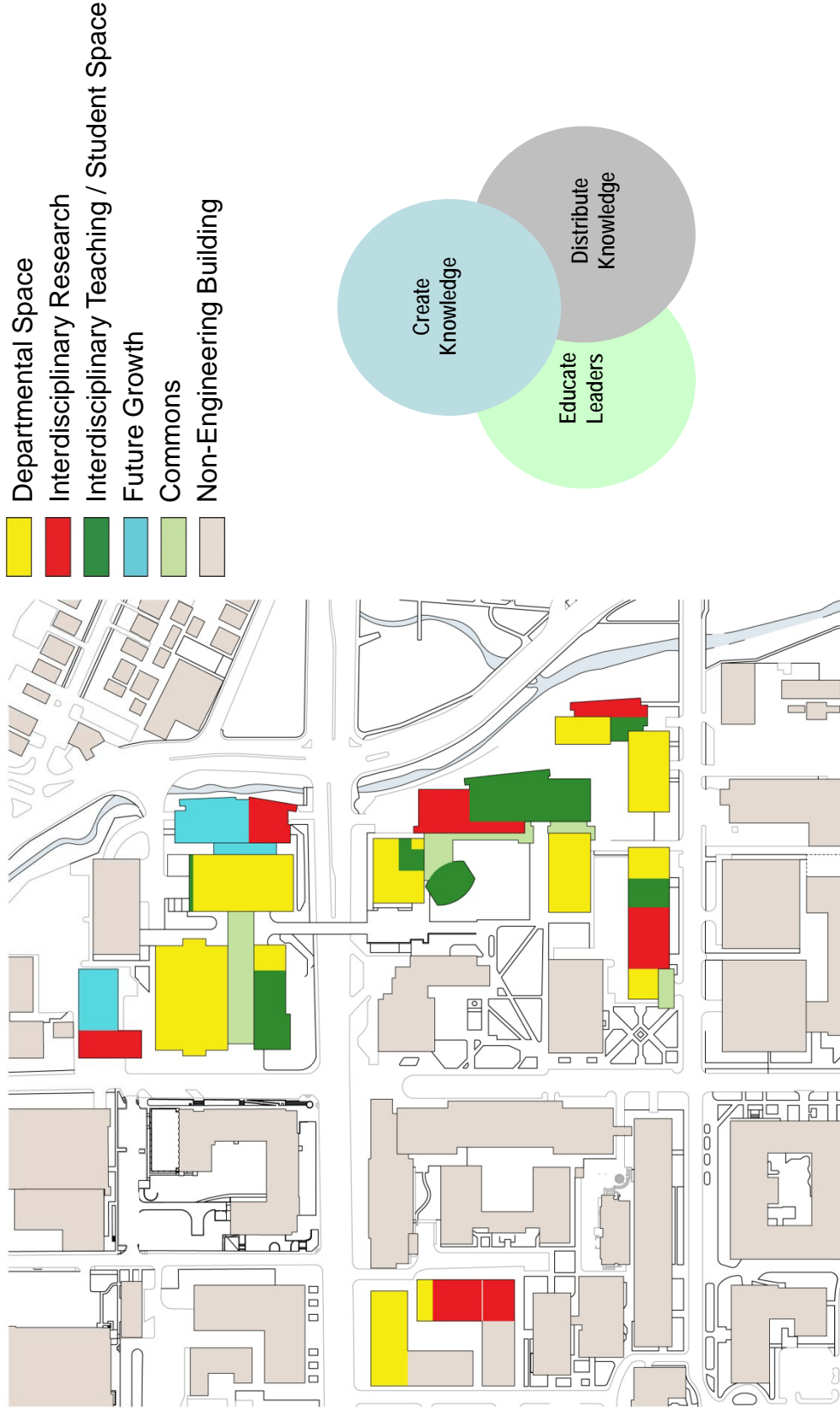


3. Woolrich Lab (WRW)

Facility Plan for Engineering Quadrant



- Building Proposed by Strategic Plan
- Existing Engineering Quadrant Building
- Other Buildings
- Future Building, Beyond Strategic Plan
- Parking



Strategic Plan Phasing

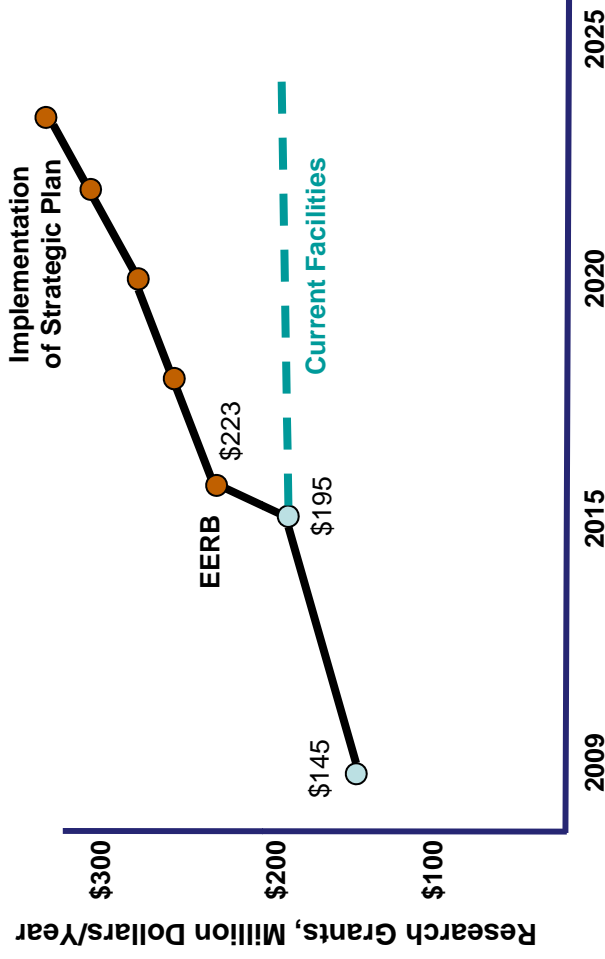
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Project	Replacement and Additional GSF	Renovate GSF	Completion Year
Engineering Education and Research Building (ENS replacement)	421,500		2015
CAEE, J.J. Pickle Research Campus	87,100		2015
Building C (Services replacement)	163,000		2017
Building G (Burdine replacement with CNS and Pharmacy)	174,000		2017
ECJ renovation		198,150	2018
Building D	83,000		2020
CPE renovation		222,000	2020
Building B (Woolrich replacement)	170,000		2023
ETC renovation		225,000	2023
	1,100,00	645,150	

THE UNIVERSITY OF TEXAS AT AUSTIN



- The Cockrell School ranks 11th in research grants. Our goal is to rank in top 5.
- Faculty generate on average \$580,000/year in grants. The Strategic Plan will enable an increase to \$930,000/year.
- The facilities in the Strategic Plan will support new interdisciplinary research initiatives and major centers of excellence.
- The Perryman Group is conducting an economic assessment and concludes that by 2020 the incremental Texas business activity stemming from research enabled by the implementation of the Strategic Plan rises to more than \$300 million in annual output and 3,500 jobs.

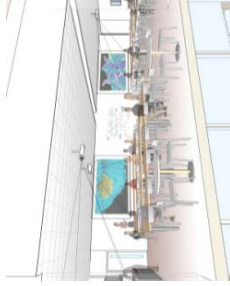




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Conceptual View of Engineering Quad from Proposed EERB Student Commons

- The Strategic Plan is essential for the Cockrell School to recruit the faculty and student talent needed to achieve our goal of becoming a top five school of engineering
- The plan supports major interdisciplinary research initiatives in priority areas
- New teaching space will transform engineering education through project-based learning, collaboration, and undergraduate research
- The organization of academic programs will create an ecosystem of people, ideas, and entrepreneurship
- The *Engineering Education and Research Building* is the first step and highest priority to begin implementation of the Strategic Plan



4. **U. T. System: Discussions on academic leadership matters related to cost containment strategies**

DISCUSSION

Executive Vice Chancellor Prior will lead a presidential discussion and engagement with the Board of Regents on topics relating to cost containment strategies.

**ADDITIONAL ITEM
ACADEMIC AFFAIRS COMMITTEE
February 4-5, 2010**

5. **U. T. System Board of Regents: Amendment to the Regents' Rules and Regulations, Rule 40601, Section 1.3, concerning proposed U. T. Arlington School of Nursing name change to College of Nursing**

RECOMMENDATION

The Chancellor concurs in the recommendation of the Executive Vice Chancellor for Academic Affairs and the Vice Chancellor and General Counsel that the Regents' *Rules and Regulations*, Rule 40601, Section 1.3, concerning institutions comprising The University of Texas System, be amended as set forth below in congressional style:

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

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

...

(h) The University of Texas at Arlington College School of Nursing

....

BACKGROUND INFORMATION

This proposed amendment to the Regents' *Rules and Regulations*, Rule 40601 is to reflect the official name change of the U. T. Arlington School of Nursing to the U. T. Arlington College of Nursing. The Texas Higher Education Coordinating Board approved the proposed name change on January 13, 2010, in conformance with Coordinating Board regulations concerning the use of "college" and "school" relative to the size of student enrollment.

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