

Minutes of the Outreach Committee

The University of Tennessee Board of Trustees

**March 16, 2006
Memphis, Tennessee**

The meeting of the Outreach Committee of the Board of Trustees was held at 10:30 a.m. EST, Thursday, March 16, 2006 in the Hamilton Eye Institute, UT Health Science Center, Memphis, Tennessee.

I. Call to Order

Mr. John Thornton, Chair of the Outreach Committee, called the meeting to order.

II. Roll Call

The following voting members were present:

Mr. John Thornton
Ms. Barbara Castleman
Mr. Jerry Jackson
Mr. Steve Ennis
Dr. John Petersen
Dr. Lawrence Pfeffer
Ms. Amy Prevost
Dr. Richard Rhoda
Mr. Karl Schledwitz
Ms. Lana Seivers
Mr. Don Stansberry
Mr. Joseph Sturdivant

Dr. Richard Rice and Commissioner Ken Givens were absent from the meeting.

The following non-voting members were present:

Kim Arms
Gregory Blake
Dick Gourley
Sandra Harbison
Paul Hart
Mary Kate Ridgeway
Bob Schettler
Mike Tallent
Jack Britt

III. Approval of Minutes of Last Meeting

Mr. Thornton stated that the first item of business was the approval of the minutes. He referred the committee to the minutes from the October 27, 2005 meeting included in the materials.

A motion to approve the minutes was duly made, seconded and carried unanimously.

IV. Patent Plaque Presentations

Mr. Thornton introduced Dr. Fred Tompkins. Dr. Tompkins discussed the work of the UT Research Foundation. He stated that it was chartered in 2003 and was preceded by the University of Tennessee Research Corporation that had been organized in approximately 1945. He reviewed with the committee the four main goals of the UT Research Foundation: supporting the research mission of The University of Tennessee; harvesting, managing and marketing intellectual property produced by faculty, staff and students; supporting entrepreneurial ventures of faculty, staff and students of the University; and, participating in economic development. In line with the first goal, he noted that later in the meeting, the committee would partake in the presentation of plaques commemorating patents received for research conducted by faculty and staff.

Dr. Tompkins discussed the UT Research Foundation's ability to support the Governor's desire to create jobs in Tennessee that are not easily exportable, in particular jobs based on technology and requiring knowledge in concert with institutions involved in research. He also discussed the UT Research Foundation's ability to support President Petersen's desire to transfer technology into the community such that it has an impact on the economy.

Dr. Tompkins stated that UT received more than \$285 million in research awards in 2005. He noted that faculty and staff, in the course of their employment, discover or invent things that have economic potential and positive impact on the lives of society. He stated that the discoveries or inventions are then assigned to the UT Research Foundation. He stated that for the annual period, faculty and staff would assign to the UT Research Foundation over 100 different inventions or discoveries. At this time, he stated that the UT Research Foundation wished to recognize faculty members of the UT Health Science Center that have done some very significant research and recognized the potential economic value of their findings to society. He stated that this meeting would recognize thirty-seven faculty and staff members who have been issued a patent from the US Trademark and Patent Office. He commented that the patents cover 22 different technologies, of which fourteen have already been licensed and one has a term sheet on the table. Dr. Tompkins introduced Bob Palmer, who directs technology transfer for the UT Health Science Center Memphis Campus to assist him as he called forward the faculty and staff members to receive their plaque. Each recipient was congratulated by the committee, Chair Thornton, President Petersen, the Vice Chair of the Board, Chancellor Owen and David Millhorn, Vice President for Research. Dr. Tompkins noted that UT Health Science Center, having locations across the State of Tennessee, has already recognized certain researchers involved in these technologies in other parts of the State.

VI. UTHSC Presentation

Mr. Thornton invited Chancellor Owen to present his report to the committee on the UT Health Science Center (UTHSC). Dr. Owen began by describing an academic health center as a system of health colleges that may or may not include a hospital. He then described UTHSC and its uniqueness among other academic health centers. He discussed its contribution to Memphis and to the national health community along with its visibility among its peers.

Dr. Owen then described each of UTHSC's locations across the state of Tennessee. He reported that 25% of undergraduate study and 35% of postgraduate study in UTHSC occurs outside of Memphis. He discussed each of the areas of study and academic programs comprising the Health Science Center.

Dr. Owen stated that there are three missions of an academic health center: research, teaching and clinical care. In terms of workforce, most of the workforce of UTHSC is concentrated on clinical care, followed by teaching and lastly research. Dr. Owen then discussed statistics regarding the Memphis population including obesity rates, diabetes, birth defects and infant mortality rates. Dr. Owen stated that UTHSC has a new fourth mission, "Service to the Community". Dr. Owen described a process to use the community as a kind of "living laboratory" to identify research and other needs to assist the community and deliver health care. Dr. Owen then introduced the Dean of the College of Pharmacy, the interim Executive Dean of the College of Medicine and the Dean of the College of Nursing and invited them to come forward and make presentations to the committee.

Dean Dick Gourley discussed the outreach programs in the College of Pharmacy and specifically the statewide expansion program. He stated that in March 2005, a second campus was approved for the College of Pharmacy and the Finance and Administration Committee has now recommended the building of the Knoxville facilities. He stated that the expansion teams, which included administration, faculty, alumnus and students of the College of Pharmacy have completed their reports for the programs and facilities in Knoxville. He updated the committee on recent faculty hirings for the new campus. He discussed centers located across the state of Tennessee. He noted that all incoming students would begin in Memphis for the first year so that basic science courses are not duplicated and then approximately 75% of students will complete their courses at the Knoxville campus. Dean Gourley discussed milestones for the expansion of the Memphis campus and completion of the Knoxville campus. He stated that the first class of students of the College of Pharmacy would arrive on the Knoxville campus in August 2007. He noted that there has been significant interest in a sports medicine rotation that will start next year to be staffed at a pharmacy located in the Knoxville athletics department. He discussed online access to class lectures for students and polycom units for professors to allow students around the state to talk to their professors "face-to-face" from their desktop. At the end of this year, he noted that there would be over one hundred residency positions spread across the State of Tennessee.

Dr. Michael Caudle, the interim Executive Dean of the College of Medicine and Vice Chancellor for Health System Affairs, presented a macroscopic view of UTHSC medical education. He stated that the College of Medicine's programs are located across the State of Tennessee in Chattanooga, Knoxville, Jackson, Nashville and other places where students are able to do some of their clinical training with local practitioners. He discussed the pre-clinical education provided in Memphis, the clinical undergraduate programs and the

residency education. He noted that there are 47 separate residencies in Memphis alone, fifteen in Knoxville, ten in Chattanooga and one in Nashville. He commented that UTHSC does not own any hospitals and is therefore dependent on several partners across the state to provide clinical experience for students. Dr. Caudle described the hospital systems in Memphis, Knoxville, Chattanooga and Nashville partnered with UTHSC. He reported that there are over one thousand fulltime faculty that work in the College of Medicine. He added that basic science and clinical faculty are also involved in research. He then discussed certain of the College of Medicine's research initiatives. He discussed a world-class physiology program conducting imaging research that involves the collaboration of UTHSC faculty and CTI leaders. He described other statewide collaborations, including a UT statewide cancer research program involving faculty and staff in Memphis and Knoxville and a very large clinical trial in Chattanooga. He described the regional bio defense lab being constructed in Memphis. He stated that there is also a clinical training site for doctors who want to specialize in bio defense in Knoxville. In conclusion, he commented that the College of Medicine was in the process of developing a statewide UT bio defense effort that will incorporate everything from basic research, clinical education even local community as a "first responder".

Dean Donna Hathaway of the College of Nursing discussed how the College functions as part of UTHSC. She summarized her presentation in several broad categories: how the College of Nursing is providing statewide access to nursing education, particularly with the statewide nursing shortage; statewide healthcare to improve the quality of healthcare in our community; and statewide leadership to help shape the future of nursing and healthcare in our state. In discussing the nursing undergraduate degree, she stated that there are thirty-six different entry-level undergraduate nursing programs in the State of Tennessee. When there was an excess of nurses, the UTHSC undergraduate program was closed. Last year the undergraduate program was re-opened due to the nursing shortage. She stated that the undergraduate program is admitting approximately 70 students annually. Dean Hathaway discussed the graduate program including the many reasons why nurses return for graduate degrees. She noted that only seven schools in Tennessee offer graduate programs, and some of those programs offer very limited degrees. She stated that in 1995 the graduate program started using teleconference courses, and in 2003 online courses were added to assist graduate students from across the state to obtain College of Nursing graduate degrees.

Dean Hathaway then discussed a few of the programs and activities in which the students and faculty of the College of Nursing are involved. She described healthcare workshops in the rural areas of the state and programs for the homeless. She discussed a program created to improve care and outcomes for patients with diabetes specifically undiagnosed diabetes in the Hispanic community. She discussed certain programs created for the needs of a variety of special populations, including the needs of younger women with breast cancer and grandparents who are primary care providers for grandchildren.

The committee chair asked Dean Hathaway whether she expected the nursing shortage to continue. Dean Hathaway replied with an example stating that if every school of nursing across the State increased enrollment by 40%, that would only replace the nurses that are leaving and would not fill necessary additional positions. She noted that the shortage would be here to stay and would require healthcare leaders of today to re-evaluate and continue to modernize healthcare into the future.

Another committee member asked Dean Hathaway about the graduation rate of the College of Nursing. She said it was extraordinarily high, with approximately five students or less that do not graduate.

At the conclusion of the presentations, Mr. Thornton called on Dr. Britt to discuss sections of the strategic plan relevant to the scope of the Outreach Committee.

V. Discussion of Draft Strategic Plan Document

Dr. Jack Britt noted that sections of the draft Strategic Plan document related to the charter responsibilities of the Outreach Committee were mailed to all committee members prior to the meeting. A discussion ensued between Mr. Britt and the committee members regarding the draft Strategic Plan document. Dr. Britt stated that outreach is an important part of the way UT contributes to the State. He stated the administration is working on a better way of capturing what every faculty and staff members does in terms of outreach during the year. He noted that other institutions have developed software that captures outreach activity on their campuses and he and members of his staff will visit some of those institutions to observe these tools. He noted that the Institute for Public Service has constructed some formulas to document the economic impact of their programs, which could be extended to measure the economic impact of the research the committee has heard about today. He stated that these tools will help capture the information needed to compare UT's outreach activities to set benchmarks. He also discussed globalization initiatives, noting that the College of Pharmacy students have international rotations available to them as part of their study. A discussion ensued regarding benchmarking economic impact by campus and college and tying in the goal of achieving AAU status with the Strategic Plan. In conclusion, he noted that he would be available to answer questions and receive feedback on the draft Strategic Plan prior to the final approval of the document in June.

VI. Adjournment

There being no further business before the Outreach Committee, the meeting was adjourned.

Respectfully Submitted,



Jack H. Britt, Executive Vice President