

**The official minutes of the University of South Carolina Board of Trustees are maintained by the Secretary of the Board. Certified copies of minutes may be requested by contacting the Board of Trustees' Office at <http://trustees.sc.edu>. Electronic or other copies of original minutes are not official Board of Trustees' documents.**

University of South Carolina

BOARD OF TRUSTEES

Health Affairs Committee

April 3, 2007

The Health Affairs Committee of the University of South Carolina Board of Trustees met on Tuesday, April 3, 2007, at 2:30 p.m. in the 1600 Hampton Street Board Room.

Members present were: Mr. Toney J. Lister, Chairman; Mr. Arthur S. Bahnmuller; Mr. William L. Bethea, Jr.; Mr. John W. Fields; Dr. C. Edward Floyd; Mr. William W. Jones, Jr.; Mr. M. Wayne Staton; Mr. John C. von Lehe, Jr.; Mr. Herbert C. Adams, Board Chairman; and Mr. Miles Loadholt, Board Vice Chairman. Other Trustees present were: Mr. James Bradley; Mr. William C. Hubbard; Ms. Darla D. Moore; Mr. Michael J. Mungo; Mr. Mack I. Whittle, Jr.; and Mr. Othniel H. Wienges, Jr.

Others present were: President Andrew A. Sorensen; Secretary Thomas L. Stepp; Executive Vice President for Academic Affairs and Provost Mark P. Becker; Vice President and Chief Financial Officer Richard W. Kelly; Vice President for Research and Health Sciences Harris Pastides; Vice President for Advancement Brad Choate; Vice President for Human Resources Jane M. Jameson; General Counsel Walter (Terry) H. Parham; Vice President for Student Affairs and Vice Provost for Academic Support Dennis A. Pruitt; Assistant Vice President for Research, Office of Research and Health Sciences, and Professor in the Department of Exercise Science, Russell R. Pate; Assistant Vice Provost for Academic Affairs William T. Moore; Vice Provost for Faculty Development Christine Curtis; Dean of the College of Nursing Peggy O. Hewlett; Dean of the Arnold School of Public Health Donna L. Richter; Interim Dean of the School of Medicine Richard A. Hoppman; Executive Dean of the South Carolina College of Pharmacy Joseph T. DiPiro; University of South Carolina Campus Dean for the South Carolina College of Pharmacy Randall C. Rowen; Public Information Officer, USC Lancaster, Shana Funderburk; Public Information Coordinator, Office of Media Relations, Karen Petit; Board staff members Terri Saxon, Vera Stone and Karen Tweedy; and members of the media.

Mr. Lister called the meeting to order, welcomed those present, and asked everyone to introduce themselves. Ms. Petit introduced members of the media who were in attendance.

Mr. Lister stated that the agenda had been posted and the press had been notified as required by the Freedom of Information Act; the agenda had been circulated to the Committee members; and a quorum was present to conduct business.

Mr. Lister directed the attention of the Committee to the agenda and called on Vice President Harris Pastides.

I. Clinical Pharmacy Education in Conjunction with Greenville Hospital

System: Dr. Pastides reported that during the recent Board Retreat he discussed the aspirations of the University's expanding the Academic Health Center in which The Greenville Hospital System was not only a partner but they were an integrated part of the USC Academic Health Center. This program represented an expansion of training opportunities for clinical pharmacist in the Upstate. Today, the administration would ask board approval of a one year contract between the University and the Greenville Hospital System.

Dr. Pastides stated that Executive Dean DiPiro had announced that Dean Rowen was the new campus Dean of the South Carolina College of Pharmacy at Columbia. He called on Dean Rowen to give details of the proposed contract with Greenville Hospital Systems.

Dean Rowen briefly reported on the proposed contract to extend the Pharmacy Education Program to the Upstate. Several of the goals of the program were to develop a mutually beneficial working relationship between the Hospital's Department of Pharmacy and the SCCP; and to facilitate scholarly activity through the activities of clinical faculty members at the Hospital by increasing and strengthening the collaborative activities between the SCCP and the Hospital.

Dean Rowen stated that up to 64 students would receive clinical training in the Upstate. Additional introductory practice experiences and advanced practice experiences would be implemented annually, as mutually determined by both parties. This agreement could be renewed annually upon written mutual consent. In addition, the contract could be terminated upon ninety days written notice by either party.

The College of Pharmacy would reimburse the Hospital an annual sum that would not exceed \$230,000 and would be based upon the services rendered by the Hospital for the efforts of ten hospital employees. For example, the clinical faculty was expected to devote 20 percent each of their hospital employment responsibilities towards the Clinical and Practice Education Program for Pharmacy students.

Discussion ensued regarding the term of the contract which would expire on June 30, 2007. Dr. Pastides responded that this contract was an extension and expansion of an ongoing program between the University and the Greenville Hospital System and that the contract was a way to formalize these ongoing efforts. The

contract would be renewed if mutually agreed upon by the parties.

Mr. Lister called for a motion to approve the program as presented in this meeting and in the materials distributed for this meeting. Mr. Fields so moved. Mr. Loadholt seconded the motion. A vote was taken and the motion was adopted.

Secretary Stepp stated that the contract to implement this program would be presented to the Executive Committee at its meeting immediately following this session.

II. Report from School of Medicine: Chairman Lister called on Dean Hoppmann who stated that serving as Interim Dean for the past year had been exciting for him. He stated that he loved the University and the School of Medicine and had been employed by the University for 17 years. He and his wife met as undergraduates in 1970, married and had three children, all of whom were graduates of the University.

Dean Hoppmann reported that last year's class was one of the largest and strongest classes in the history of the School of Medicine. Currently, there were 87 first year students. The applicants' admissions statistics had also set records. The total number of applicants in 2006 was 1,702 as compared to 1,383 in 2005. This year, there were a total of 1,900 applicants to the School of Medicine.

The MCAT score in 2006 was 28.1, the first time in the history of the school that students scored above 28 and the average GPA was 3.59.

Dean Hoppmann stated that the University's School of Medicine was on the leading edge of technology in medical education. The School had begun a tele-medicine program in 1992 and introduced electronic medical journals in 1994. Currently, the school had over 28,000 E-journals coming out of the library that could be accessed from anywhere. In 1999, the requirement for each student to have a laptop computer was implemented. Currently, all students had laptop computers and 90 percent of all lecture materials were on the web. Dr. Hoppmann stated that the University had been wireless since 2000 and all students had personal digital assistance devices (PDAs) since 2002.

Dean Hoppmann also reported on the following initiatives:

A. Human Simulator Program: Dean Hoppmann stated that the school purchased their first Human Simulator in 2005. The Human Simulator Program would have a huge impact on medical education, competencies and the ability to practice. Dr. Hoppmann stated that the Human Simulators were "high fidelity" and were very effective for classes in physiology, pharmacology and procedures as well.

B. Ultrasound Program: Dean Hoppmann stated that the Ultrasound Program was initiated in 2006. The USC School of Medicine was the first medical

school in the nation to incorporate ultrasound training in all four years of medical school. He stated that this was made possible by a partnership with General Electric Healthcare - maker of a hand-carried ultrasound machine. Thirty machines with probes had been made available for teaching and research. The total cost was \$70,000 per machine; a \$2 million investment from General Electric.

Dean Hoppmann discussed several advantages of ultrasound. First, there were no toxic effects, no radiation and it was not an invasive process. Ultrasound was a tremendous educational teaching tool in courses in anatomy, physiology, pathology, and physical diagnosis. In addition, the Ultrasound Program could help prevent the need for more expensive tests, such as scans. In addition, quick clinical bedside diagnoses could be done for such things as gallstones, abdominal trauma and bleeding, aortic aneurysms, and heart failure. Dean Hoppmann stated that the Ultrasound was becoming smaller and smaller and would most likely become known as the "Stethoscope of the 21st Century."

Dean Hoppmann stressed that it was important that the USC School of Medicine receive credit as being the first school in the country to promote Ultrasound across all four years.

C. Rural South Carolina Ultrasound Program: Dean Hoppmann stated that the next step in the process was the Rural South Carolina Ultrasound Program. This program would introduce ultrasound technology to Primary Care Physicians in a rural setting. The Primary Care physicians in rural settings were usually the last to receive the technology to help their patients. The School of Medicine would begin with Family Medicine and General Internal Medicine. The University had secured a Fullerton Foundation Grant in the amount of \$228,000 to initiate the program. This grant would help with the assessment of how best to approach and introduce this ultrasound program in rural setting to primary care physicians who had been practicing for many year; outcome measures of quality of care and patient safety and measure cost effectiveness.

D. Global Medicine Rotation: Dean Hoppmann stated that a Global Medicine Elective Rotation had been developed for Fourth Year Medical Students. Students could spend 4-8 weeks in a developing country. This past year, students were in Mexico, Kenya, China, and India. Plans were to form global partnerships with hospitals and clinics throughout the world for educational opportunities, service opportunities and research partnerships. Dean Hoppmann stated that he had discussed an ultrasound global initiative with General Electric.

Dean Hoppmann stated that School of Medicine had a motto: "A Promise in Practice." Our promise to the State of South Carolina was to train competent, caring, compassionate physicians to improve the healthcare of the citizens across

the State. Not only do we need to train them well but we need to make sure that the students fill specialty needs in South Carolina, settle in South Carolina and practice across the State, including in smaller communities.

E. Specialty Choices of SOM Graduates: Dean Hoppmann stated that Primary Care was defined as Family Medicine, Pediatrics and Internal Medicine. The School of Medicine 10 year average was that 56 percent of our graduates went into primary care; the national average was 52 percent.

Dean Hoppmann stated that 1,300 graduates were practicing medicine at this time and had finished all of their training. He stated that there were 636 graduates practicing in South Carolina, 293 were practicing Primary Care in South Carolina and 416 were practicing in one of the underserved specialties in South Carolina. In addition, there were 116 USC School of Medicine graduates practicing in South Carolina towns with a population less than 10,000.

Dean Hoppmann stated that 2007 had been a year of growth for the School as it related to building space. The Renovation of Building #3 on the School's VA campus was 60,000 square feet. The ceremonial opening of that facility would be held in late spring after the new Dean came on board. Additional renovation included 32,500 square feet of the Palmetto Clinical Campus.

F. Clinical Revenue: Dean Hoppmann stated that funding had remained level for ten years and the school had relied heavily on our practice plan. From 2005 to 2006, the practice plan had increased from \$34 million to \$38 million in revenues, an increase of 12 percent.

G. Research Growth: Dean Hoppmann stated that the SOM had surpassed its goals for research. The grant proposal submission in 2005 was \$33.5 million and in 2006 it was \$48.7 million, a 45 percent increase. He stated that the total School of Medicine funding had increased by 39 percent, \$26.4 million in 2005 to \$36.6 million in 2006. The total basic science extramural funding had increased from \$5.9 million to \$11.3 million, a 92 percent increase.

Dr. Floyd stated that there was an agreement with MUSC at one time that USC would limit our students to 75 and they would limit their students 125. He asked what happened with that agreement.

Dean Hoppmann stated that the University had mandates from multiple organizations. In an effort to be proactive, we needed to look ahead at how we would handle the doctor shortage. Nationwide, schools had been asked to increase students between 20 percent and 30 percent.

Dr. Sorensen stated that Dr. Greenburg and his Board at MUSC were aware of USC plans to expand and there were no objections.

Mr. Lister stated that this report was received for information.

Mr. Lister called on Dr. Sorensen who commended Dean Hoppmann on his excellent leadership as Interim Dean of the USC School of Medicine. Dr. Sorensen stated the School of Medicine had experience growth over the previous three years under the leadership of the former Dean, Larry Faulkner. In looking for a successor to continue this growth, Dr. Hoppmann was selected to serve as Interim Dean. Dr. Sorensen stated that Dean Hoppmann had done an outstanding job in sustaining that growth and had far exceeded the expectations of the administration. He stated that Dean Hoppmann had been "aggressive, imaginative, creative and tireless in promoting the growth of the Medical School and had done so in a very thoughtful and effective manner."

There were no other matters to come before the Committee. Mr. Lister declared the meeting adjourned at 3:00 p.m.

Respectfully submitted,

Thomas L. Stepp  
Secretary