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University of South Carolina
BOARD OF TRUSTEES

Health Affairs Committee

March 16, 2012

The Health Affairs Committee of the University of South Carolina met on Friday, March 16, 2012, at 2:00 p.m. in the 1600 Hampton Street Board Room.

Members present were: Dr. C. Dorn Smith III, Chairman; Mr. Chuck Allen; Mr. J. Egerton Burroughs; Dr. C. Edward Floyd; Mr. William W. Jones; Ms. Leah B. Moody; Mr. John C. von Lehe, Jr.; Mr. Thad H. Westbrook; Mr. Mack I. Whittle, Jr.; Mr. Miles Loadholt, Board Chairman; and Mr. Eugene P. Warr, Jr., Board Vice Chairman.

Other Board members present were: Mr. W. Lee Bussell, Sr.; Mr. Thomas C. Cofield; Mr. William W. Jones, Jr.; and Mr. Hubert F. Mobley.

Others present were: President Harris Pastides; Secretary Amy E. Stone; Vice President for Academic Affairs and Provost Michael D. Amiridis; Chief Financial Officer Edward L. Walton; Vice President for Student Affairs and Vice Provost for Academic Support Dennis A. Pruitt; Vice President for Information Technology and Chief Information Officer William F. Hogue; Vice President for Communications Luanne M. Lawrence; Vice President for Human Resources Chris Byrd; Vice President of Medical Affairs Donald DiPetti; Vice President for Research Prakash Nagarkatti; General Counsel Walter (Terry) H. Parham; Senior Vice Provost and Director of Strategic Planning Christine W. Curtis; Associate Vice President for Finance and Budget Director, Division of Finance and Planning, Leslie Brunelli; Associate Vice President for Business and Finance and Medical Business Affairs Jeffrey L. Perkins; Vice President of Medical and Academic Services and Dean of the USC School of Medicine-Greenville Jerry R. Youkey; Dean of the South Carolina College of Pharmacy, USC Campus, Randall C. Rowen; Executive Dean of the South Carolina College of Pharmacy Joseph T. DiPiro; Dean of the School of Medicine Richard A. Hoppmann; Director of State Relations Trey Walker; Chair of the Department of Family and Preventive Medicine, USC School of Medicine, Elizabeth G. "Libby" Baxley; Chair of the Department of Family and Preventive Medicine, USC School of Medicine (SOM) and Elizabeth Blake, Clinical Assistant Professor, South Carolina College of Pharmacy; Special Assistant to the President J.

Cantey Heath, Jr.; Chair of the Faculty Senate Sandra Kelly; Student Government Association President, Kenny Tracy; Director of Governmental and Community Relations and Legislative Liaison Shirley D. Mills; Associate Director of Strategic Planning and Assessment Cameron Howell; Director of News and Internal Communications, Wes Hickman; University Technology Services Production Manager, Justin Johnson; Board staff members Terri Saxon and Vera Stone; and members of the press.

Chairman Smith called the meeting to order, welcomed those present, and asked everyone to introduce themselves. Mr. Hickman introduced members of the media who were present.

Chairman Smith 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 e-mailed to the Committee members; and a quorum was present to conduct business.

Chairman Smith stated that there were contractual matters which were appropriate for discussion in Executive Session.

Mr. Warr moved to enter Executive Session. Mr. Westbrook seconded the motion. The vote was taken, and the motion carried.

The following persons were invited to remain: President Pastides, Secretary Stone, Dr. Amiridis, Mr. Walton, Dr. Pruitt, Dr. Hogue, Ms. Lawrence, Mr. Parham, Dr. Nagarkatti, Dr. Curtis, Mr. Perkins, Mr. Byrd, Dr. DiPette, Dr. Hoppmann, Dr. Youkey, Mr. Heath, Ms. Brunelli, Mrs. Hanna, University Chancellors, Mr. Walker, Ms. Mills and Mr. Hickman.

Return to Open Session

I. IPE (Interprofessional Education) Progress Report: Chairman Smith called on Dr. Amiridis who stated that Interprofessional Education was a nationwide movement in the health sciences. Today, the staff would report on the University's first integrated course between the College of Pharmacy and School of Medicine. He introduced the two professionals who were in charge of the IPE initiative, Libby Baxley, Chair of the Department of Family and Preventive Medicine, USC SOM and Betsy Blake, Clinical Assistant Professor, College of Pharmacy.

Dr. Blake said the IPE program had been an exciting journey for them. Last year, Dr. Baxley gave a progress report on the Interprofessional Education for the Health Sciences initiatives; and they developed a proposal for several initiatives which they hoped to implement on the Columbia campus.

Dr. Blake indicated they would begin a work group of faculty that representing all five health colleges (Pharmacy, Nursing, Medicine, Social Work, and Public Health); a committee had been formed. Some activities included a pilot course with pharmacy/medicine which focused on inter-professional activities; a survey distributed to health science students regarding their perceptions in readiness for IPE; helped to sponsor the (Institute for Healthcare Improvement (IHI) Open School; provided professional development for work group faculty which involved the dean and administrators; and a baseline curricular assessment for integration.

Dr. Blake reported that a survey was administered to 2,000 health science students regarding perceptions of IPE on the USC campus. Five hundred twenty (520) students completed the survey. Eighty percent reported no interaction or less than three hours per week with students from other health professions; eighty-five percent responded favorably on questions assessing a readiness for IP learning - strong readiness to engage in IPE. Also, students wanted more activities with focus on communication, clinical teamwork, and service-learning.

An IPE Steering Committee had been formed which included two faculty members from each of the five health colleges. Dean Peggy Hewlett of the Nursing School served as liaison to health science deans. Faculty members from USC SOM - Greenville had been invited; and a Strategic Planning Retreat will be held on April 18th.

She discussed the Pilot SCCP (South Carolina College of Pharmacy) and USC SOM IPE Course. The required SCCP curriculum came from MUSC and was integrated into the School of Medicine ICM-1. It was a predominantly distributed learning course with three class meetings for M-1/P-1 students and held

on- line. Currently, there were 200 students enrolled in the course (110 pharmacy students and 90 medicine students), and there were 20 faculty members between the two colleges who served as facilitators. Overall, the goal was to improve understanding of complex health care systems and the importance of interpersonal teams.

Dr. Blake stated they were using the School of Medicine library resources for the decision-making modules. The course outline included the following: Module 1 - Evidence-based decision-making in practice and research, Module 2 - The Health Care System and Calls for Improvement, Module 3 - Social Determinants and Health Disparities, Module 4 - Negotiating across Cultures, and Final Presentation – Root Cause Analysis.

IPE Faculty Development: In November 2011, five faculty members attended “Collaborating across Borders” in Arizona. Faculty learned what other institutions were doing and how to take their health care competencies and apply them to our students. In addition, the faculty registered to attend the first IPE Collaborative Institute in May 2012. This institute was sponsored by academic health science organizations.

Next steps included completing the curriculum assessment of health science schools and using that assessment to plan the next level of activity in 2012-13; and continuing professional development to prepare interested faculty to “train the trainers” of the future, evaluate outcomes, and seek additional funding.

Mr. Mobley urged them to involve the School of Nursing in this initiative.

Chairman Smith stated that this report was received for information.

- II. Memorandum of Understanding for Cooperation of Services Exchange between University of South Carolina School of Medicine-Greenville and Greenville Hospital System University Medical Center.
- III. Memorandum of Understanding for Cooperation of Services Exchange between University of South Carolina School of Medicine-Greenville and Clemson University.

Chairman Smith called on Mr. Parham who stated that he would present both MOUs simultaneously. The first was on behalf of the USC SOM Greenville Hospital System (GHS) and the second with Clemson University. Their purpose was to facilitate exchange of services in order to allow for the development of the USC School of Medicine in a timely manner. They would not obligate the SOM to engage in any particular level of service acquisition from either Clemson or GHS.

On November 16, 2011, he advised this committee that Jeff Perkins, Associate Vice President for Business & Finance and Medical Business Affairs, was working to develop a master Memorandum of Understanding that would allow the USC SOM – Greenville to acquire needed services directly and efficiently from Clemson University and the Greenville Hospital System (GHS).

The MOUs, which met the requirements of the South Carolina Procurement Code, was designed to establish a mechanism or process to facilitate an efficient exchange of contractual services related to research and teaching/education activities at the USC SOM in Greenville. The MOUs recognize that it was in the public's best interest to have state agencies pool resources and create economies of scale by making use of the resources available at each agency.

Neither of these agreements obligated the School of Medicine in Greenville to acquire services from either Clemson or GHS. If a specific service was needed, an addendum would be prepared and executed by the parties which would outline the specific service being acquired.

Any expenditure by the School of Medicine in Greenville pursuant to addenda to these MOUs will be within the budget for the School of Medicine already approved by the USC Board of Trustees under the Operating Agreement with GHS.

These MOUs only addressed the purchase of services. Other matters, such as real property rentals, were not covered.

Any payments made by the School of Medicine in Greenville to Clemson or GHS would be handled by inter-departmental transfers.

Liability and insurance coverage for any individual providing contractual services pursuant to the MOUs would be provided by the employing agency (Clemson or GHS).

In addition, any faculty or staff at Clemson or GHS that provide services must satisfy all applicable credential requirements of SACS (Southern Association of Colleges and Schools) and LCME (Liaison Committee on Medical Education). accrediting agencies.

Chairman Smith called for a motion to approve the two memoranda of understanding as distributed in the materials for this meeting. Mr. von Lehe so moved and Dr. Floyd seconded the motion. The vote was taken and the motion carried.

IV. Reports from Medical Deans:

A. Columbia Program: Chairman Smith called on Dean Hoppmann who advised that today was "Match Day" – the day SOM students were notified where they will be doing their residencies.

Seventy-five percent of USC SOM students will be going into one of the specialties designated by the Commission on Higher Education as areas of greatest need in South Carolina— these included residencies in primary care, OB/GYN, emergency medicine, and psychiatry. The past 10 year average of students going into these areas was 78 percent and the national average was 68 percent.

He said five students were going into general surgery.

Many of the students would be staying in South Carolina for residency; others had been accepted at Duke, Johns Hopkins, Mayo Clinic, and Emory. He planned to remain in contact with those students who left South Carolina by scheduling luncheon meetings with them whenever they were in town to keep them connected to South Carolina.

Dean Hoppmann stated the mission at the SOM was to improve the health of the citizens of South Carolina through education, research, and service.

Further, he noted, the USC SOM had received a full eight year accreditation in 2009 from the LCME.

Each year, the Association of American Medical Colleges (AAMC) distributed to every graduating medical student in the country a survey about their medical education. USC SOM students continued to be very pleased with their education. He stated that the survey was approximately 15 pages in length but the one question that really summed up the whole educational experience was: “Overall I am satisfied with the medical education I received.” Last year, 98.1 percent of our graduates responded that they were satisfied with their education in comparison to 88 percent nationally.

There were several unique high profile education programs in the SOM. One was the Senior Mentor Program in which students for all four years of medical school were matched with senior citizens in the community. Students learned about specific issues that affect elderly patients -medical, social, emotional, or financial. The program has been featured in *Parade Magazine* and also on “Eye on America”. MUSC and several other schools have emulated our program.

Dean Hoppmann reported that USC SOM led the nation in ultrasound education and had the most comprehensive curriculum in the country for medical students. The pocket ultrasound devices will likely become the stethoscopes of the 21st century. Teams of faculty from other institutions, including Stanford and Texas Tech, visited the campus to learn about the ultrasound program. This summer, USC SOM had planned visits from Oregon Health Sciences Center, Eastern Virginia, and the leadership of one of the largest medical programs in Brazil.

Through a Duke Endowment Grant, the school had been training primary care physicians in 12 rural South Carolina practices in bedside ultrasound. Students were taught how to assess heart function and the risk of stroke, check for gall stones, aneurysms, blood clots, and a variety of other diseases.

Last April, USC SOM hosted the First World Congress on Ultrasound in Medical Education. The Congress had 400 attendees from 26 nations, 45 medical schools, and major healthcare organizations including the World Health Organization (WHO). The, USC SOM will host the second World Congress in September 2013.

The SOM was exploring the expansion of its education programs to additional clinical sites in Columbia and beyond. In fact, there will be a meeting in late March in Florence to discuss medical student education in that area.

Relative to research, despite the fierce national competition for grants in recent years, the USC SOM under the leadership of Dr. Prakash Nagarkatti, had done exceptionally well. Since Dr. Nagarkatti joined the school in 2005, external funding had doubled (\$21 million to \$41 million) and NIH funding had doubled (\$6 million to almost \$12 million). Through this funding the University was addressing major healthcare issues in South Carolina – including heart disease, stroke, neurological diseases, inflammatory diseases such as arthritis, healthcare delivery and healthcare access issues.

USC SOM was exploring global partnerships in education and research. The SOM have been invited to join a new program at the AAMC – the Global Health Learning Opportunities (GHLO). Only eight US schools were invited to join, including Boston University, Tulane, Case Western Reserve, and the University of Pittsburgh. Fifteen international universities were invited including schools in India, Brazil, Italy, Peru, and Australia. Through programs of this nature, USC was positioning itself to be a national and global leader in education and research.

In the area of service, the school had significant recent successes under the leadership of Dr. Libby Baxley USC SOM and Palmetto Health Family and Preventive Medicine Center was designated the first Level 3 Patient-Centered Medical Home in the state. This model improved patient quality, safety, access, and satisfaction. In addition, the program had gained significant attention regionally and nationally.

A press release was distributed this week regarding the medical home partnership between the Department of Family and Preventive Medicine and Blue Cross Blue Shield. The department had been caring for a group of patients with chronic diseases and had shown that patients do better and were more satisfied with their care and healthcare dollars are saved.

The department was also exploring using this medical home model as added value in development projects such as the Bull Street property and in attracting industry to the state.

As an example of the success of the CoEE (Centers of Economic Excellence) program, Dean Hoppmann commented on Dr. Souvik Sen, Chair of the Department of Neurology and the COEE Stroke Chair. In less than two years, Dr. Sen had built a Joint Commission Certified Stroke Center at Palmetto Health - the first such certified center in the midlands; he started five clinical trials, received multiple grants, established programs with the medical industry, developed a stroke registry with Greenville Hospital Systems, and was developing a neurology residency to ensure that South Carolina will have an adequate number of neurologists.

The USC SOM was in discussion with Palmetto Health about a joint clinical practice which had the potential of enhancing all aspects of the mission – service, education, and research. Next week, a full retreat will be held with the goal of identifying a practice model that will be acceptable to the University and Palmetto Health.

In conclusion, Dr. Hoppmann expressed gratitude to faculty, staff, and students. He thanked the Board and the Administration for their support in helping the USC SOM reach new heights and fulfill their mission.

B. Greenville Program: Dean Hoppmann called on Jeff Perkins, Associate Vice President for Business and Finance and Medical Affairs, who gave a brief overview of a draft of the Executive Dashboard. [Exhibit A]

The Executive Dashboard provided information about the number of students, mission, finance and budgets, and organizational chart.

Chairman Smith stated that this report was received for information.

Dr. Jerry R. Youkey, Vice President of Medical and Academic Services and Dean of the USC School of Medicine-Greenville, gave a brief update on the USC SOM-Greenville activities. He said faculty is still being recruited, and he was elated to have Dr. Bryan Tobin, Chairman of Biomedical Sciences, on board. He would be the first tenured faculty member at USC School of Medicine -Greenville. The curriculum is on track and they are continuing to interview students. By April 23rd, nearly 303 students will have been interviewed, of which, 54 offers had been made.

Regarding facilities, the Health Science Education building was on budget and he anticipated the building will open mid-May.

Mr. Whittle requested that they develop an executive summary (how many students applied, quality of scores, etc.) for distribution. Dr. Youkey responded that he would feel more comfortable waiting until after identifying the students who matriculate which would be near the end of May. The application process had closed, and USC SOM-Greenville had received 1,444 (1,400 was verified) for the 50 available spaces.

A member made inquiry about the average MCAT and GPA of the 303 students interviewed. Dr. Youkey gave an average of the 54 student offers; the average GPA was 3.71 and the average MCAT was a little over 29. In the admissions process, for secondary applications, USC SOM –Greenville would consider MCAT scores from 22 to 24. He commented that MCAT scores could be in the low teens or as high as the 40s. He said, MCATs and GPAs were predictive of student's ability to pass examination but not predictive of whom someone would like to see as a physician.

Dr. Hoppmann said USC-SOM had received 3,200 applications for 100 spaces.

Chairman Smith stated that this report was received for information.

V. Other Matters: President Pastides informed the Committee that the university is part of the Pee Dee Health Education Consortium along with Francis Marion University, Carolina Hospital Systems and McLeod Regional Medical Center. They were all dedicated to partnering to increase graduate professional healthcare education and continue to meet the needs in underserved areas. He said there is a lot of enthusiasm and a great announcement forthcoming.

Mr. Whittle asked if the Board Retreat was still scheduled. Mrs. Stone responded, "Yes". The Board would receive an agenda and detailed information this week.

Since there were no other matters to come before the Committee, Chairman Smith declared the meeting adjourned at 4:25 p.m.

Respectfully submitted,

Amy E. Stone
Secretary