



MINUTES

Meeting of the Board of Trustees
of the Medical University of South Carolina

October 12, 2007

It Is Understood that the Minutes Herein Recorded Have Not as
Yet Been Approved and Cannot be Considered as Official Action
of the Board Until Such Approval Has Been Given

Colcock Hall Board Room
Medical University of South Carolina
Charleston, South Carolina

MINUTES
MEDICAL UNIVERSITY of SOUTH CAROLINA
BOARD OF TRUSTEES MEETING
October 12, 2007

The Board of Trustees of the Medical University of South Carolina convened Friday, October 12, 2007, with the following members present: Dr. Charles B. Thomas, Jr., Chairman; Thomas L. Stephenson, Esquire, Vice Chairman; Dr. Stanley C. Baker, Jr.; Mr. Melvyn Berlinsky; Mr. William H. Bingham, Sr.; Dr. Cotesworth P. Fishburne, Jr.; Mr. William B. Hewitt; Dr. Donald R. Johnson II; Dr. E. Conyers O'Bryan, Jr.; Dr. Paula E. Orr; Dr. Thomas C. Rowland, Jr.; Mr. Charles W. Schulze; The Honorable Robin Tallon; Dr. James E. Wiseman, Jr.; Mrs. Claudia W. Peeples, Emerita; The Honorable Phillip D. Sasser, Emeritus.

The following administrative officials were present: Dr. Raymond S. Greenberg, President; Dr. John Raymond, Vice President for Academic Affairs and Provost; Dr. Jerry Reves, Vice President for Medical Affairs, and Dean, College of Medicine; Mr. Stuart Smith, Vice President for Clinical Operations and Executive Director, MUHA; Ms. Lisa Montgomery, Vice President for Finance and Administration; Mr. Jim Fisher, Vice President for Development and Dr. Frank Clark, Vice President for Information Technology and CIO.

The following deans were present: Dr. Jack Sanders, College of Dental Medicine; Dr. Mark Sothmann, College of Health Professions; Dr. Perry Halushka, College of Graduate Studies; Dr. Jerry Reves, College of Medicine; Dr. Gail Stuart, College of Nursing; Dr. Arnold Karig, MUSC Campus Dean, College of Pharmacy.

Item 1. Call to Order-Roll Call.

There being a quorum present, Chairman Thomas called the meeting to order.
Ms. Celeste Jordan called the roll.

Item 2. Secretary to Report Date of Next Meeting.

The date of the next regularly scheduled meeting is Friday December 14, 2007.

Item 3. Approval of Minutes of the Regular Meeting of the Medical University of South Carolina August 10, 2007.

Board Action: It was moved that the Minutes be approved. The motion was seconded, voted on and unanimously carried.

RECOMMENDATIONS AND INFORMATIONAL REPORTS OF THE PRESIDENT

OLD BUSINESS: None.

NEW BUSINESS:

Item 4. General Informational Report of the President.

Dr. Greenberg distributed his activity report since the last meeting. He noted a substantial amount of time being spent with legislative people to educate them on some of the issues the University faces principally, the parity issue. All higher education institutions in the State are not receiving the same percentage level of funding as their mission would require. He stated that the information shared with legislators had been well received.

Dr. Raymond introduced Dr. Jay Moskowitz who is the new President of Health Sciences South Carolina. He has an enormous wealth of experience as an academic administrator and has an incredible reputation for being straightforward, visionary and able to stimulate collaboration. He also has held numerous positions at the NIH where he influenced policy and helped found divisions of the Institute.

Dr. Moskowitz said he appreciated the vision and support he received from the leadership at MUSC. He provided an overview of what HSSC is; a brief synopsis of some of the accomplishments of the past three years and an idea of his vision for the organization for the coming year. The goal of the program is to improve healthcare and education in the state, to create new jobs and bring economic growth to the state.

Recommendation of Administration: That the reports be received as information.

Board Action: Received as information.

Item 5. Honorary Degree Recommendation for Tommy G. Thompson, B.S., J.D..

Statement: Dr. Greenberg requested approval of an honorary degree for Tommy G. Thompson, B.S., J.D., guest speaker for today's dedication of the Ashley River Tower.

Board Action: A motion was made, seconded and unanimously voted to approve an honorary degree for Tommy G. Thompson, B.S., J.D.

Item 6. Other Business. None.

RESEARCH AND INSTITUTIONAL ADVANCEMENT COMMITTEE. CHAIRMAN: DR. Cotesworth P. Fishburne, JR. (Detailed committee minutes are attached to these minutes).

OLD BUSINESS: None.

NEW BUSINESS:

Item 7. General Report of the Associate Provost for Research.

Statement: Dr. Fishburne stated that Dr. Steve Lanier gave a report to committee on research activities. NIH funding increased 11% which is another MUSC record of \$93.4 million. Corporate funding increased 41% from \$24 million to a record-breaking \$34 million.

Recommendation of Administration: That the report be received as information.

Recommendation of Committee: That the report be received as information.

Board Action: Received as information.

Item 8. General Report of the Vice President for Development.

Statement: Dr. Fishburne stated that Mr. Fisher had reported the MUSC Capital Campaign, *A Partnership of Promise*, has generated more than \$167 million in total gifts and pledges through September 20. The Capital Campaign is progressing well.

Recommendation of Administration: That this report be received as information.

Recommendation of Committee: That this report be received as information.

Board Action: Received as information.

Item 9. Other Committee Business.

Statement: Dr. Fishburne reported that Dr. Krug, Assistant Dean for Postdoctoral Affairs, had given the committee a presentation on the collaboration between Claflin University and MUSC in postdoctoral academic career development.

There was also a faculty presentation from Dr. Jacqueline McGinty, Associate Dean in the College of Graduate Studies. Dr. McGinty presented an overview of Building Interdisciplinary Research Careers in Women's Health.

There was a general report on the MUSC Foundation for Research by Mr. Chip Hood. He reported 18 invention disclosures had been received in the first quarter.

Recommendation of Committee: That this report be received as information.

Board Action: Received as information.

EDUCATION, FACULTY AND STUDENT AFFAIRS COMMITTEE. CHAIRMAN: Mr. Melvyn Berlinsky (Detailed committee minutes are attached to these minutes).

OLD BUSINESS: None.

NEW BUSINESS:

Item 10. General Report of the Vice President for Academic Affairs and Provost.

Statement: Mr. Berlinsky called on Dr. Raymond who reported the committee had received several presentations as follows: A master teacher presentation from Dr. Debra Hazen-Martin; a summary of the activities of the Division of Education and Student Life by Dr. Valerie West and a GME update by Dr. Jeff Wong.

Recommendation of Administration: That the report be received as information.

Recommendation of Committee: That the report be received as information.

Board Action: Received as information.

Item 11. Other Business.

Renaming of the Arthur and Holly Magill Endowed Chair in Ophthalmology

Statement: At the request of the Dean of the College of Medicine, administration presented as information the renaming of the Arthur and Holly Magill Endowed Chair in Ophthalmology to the Arturo and Holly Melosi Chair in Ophthalmology.

Recommendation of Administration: That the renaming of this endowed chair be received as information.

Recommendation of Committee: That the renaming of the Arthur and Holly Magill Endowed Chair in Ophthalmology to the Arturo and Holly Melosi Chair in Ophthalmology be received as information.

Board Action: Received as information.

Item 12. Master Teacher Designation (Consent Item).

Statement: At the request of the of the Dean of the College of Graduate Studies, administration presented for approval the designation of "Master Teacher" to **Debra J. Hazen-Martin, Ph.D.**, Professor, Department of Pathology and Laboratory Medicine, effective October 12, 2007.

Recommendation of Administration: That the designation of "Master Teacher" to Debra J. Hazen-Martin, Ph.D., be approved.

Recommendation of Committee: That the designation of "Master Teacher" to Debra J. Hazen-Martin, Ph.D., be approved.

Board Action: A motion was made, seconded and unanimously voted to approve the designation of "Master Teacher" to Debra J. Hazen-Martin, Ph.D.

Item 13. Faculty Promotions (Consent Item).

Statement: At the request of the Dean of the College of Medicine and the South Carolina AHEC Appointments and Promotion Committee, administration presented for approval the following faculty promotion, effective January 1, 2008.

From Assistant Professor to MUSC AHEC Associate Professor (Spartanburg)
David A. Holt, M.D. (Spartanburg)

Recommendation of Administration: That this recommendation for promotion be approved.

Board Action: A motion was made, seconded and unanimously voted to approve the faculty promotions.

Item 14. Faculty Tenure Recommendations (Consent Item).

Statement: At the request of the Deans of the Colleges of Health Professions, Medicine, the South Carolina College of Pharmacy, and the Chair of the Department of Library Science and Informatics, their respective Appointments and Promotion

Committees, and the University Tenure Committee, administration presented for approval the following recommendations for faculty tenure, effective January 1, 2008.

College of Health Professions

Kenneth Jackson Thomas, Ed.D., Professor, Department of Rehabilitation Sciences, College of Health Professions

College of Medicine

Thierry Rene Henri Bacro, Ph.D., Associate Professor, Department of Cell Biology and Anatomy

Olga Brawman-Mintzer, M.D., Professor, Department of Psychiatry and Behavioral Sciences

Kenneth D. Chavin, M.D., Ph.D., Professor, Department of Surgery, Division of Transplant Surgery

Jian-yun Dong, M.D., Ph.D., Professor, Department of Microbiology and Immunology

Mostafa M. Fraig, M.D., Associate Professor, Department of Pathology and Laboratory Medicine

John S. Ikonomidis, M.D., Ph.D., Associate Professor, Department of Surgery, Division of Cardiothoracic Surgery

Sergey A. Krupenko, Ph.D., Associate Professor, Department of Biochemistry and Molecular Biology

Bonnie J. Martin-Harris, Ph.D., Associate Professor, Department of Otolaryngology – Head and Neck Surgery; Joint Appointments held in the Department of Stomatology, College of Dental Medicine, and the Department of Rehabilitation Sciences, College of Health Professions

Sammanda Ramamoorthy, Ph.D., Associate Professor, Department of Neurosciences, Division of Neuroscience Research

Cynthia T. Welsh, M.D., Associate Professor, Department of Pathology and Laboratory Medicine; Dual Appointment in the Department of Neurosciences, Division of Neurological Surgery

South Carolina College of Pharmacy

Kelly Renee Ragucci, Pharm.D., Associate Professor, Department of Pharmacy and Clinical Sciences, South Carolina College of Pharmacy

Library Science and Informatics

Mary P. Mauldin, Ed.D., Associate Professor, Department of Library Science and Informatics

Recommendation of Administration: That these recommendations for tenure be approved.

Recommendation of Committee: That these recommendations for tenure be approved.

Board Action: A motion was made, seconded and unanimously voted to approve the recommendations for tenure.

Item 15 . Faculty Appointments (Consent Item).

Statement: At the request of the Deans of the colleges of Dental Medicine, Health Professions, Medicine, Nursing and Pharmacy, and their respective Appointments

and Promotion Committees, administration presented for approval the following faculty appointments:

Colleges of Dental Medicine and Medicine

Yefim Manevich, Ph.D., as Research Associate Professor in the Department of Cell and Molecular Pharmacology and Experimental Therapeutics, effective October 15, 2007.

Jerry Ewing Squires, M.D., Ph.D., as Associate Professor, on the Clinician Educator track, in the Department of Pathology and Laboratory Medicine, effective August 1, 2007.

College of Health Professions

David A. Jordan, Ph.D., as Adjunct Associate Professor in the Department of Health Administration and Policy, effective July 1, 2007.

College of Medicine

Mehmet Bilgen, Ph.D., as Associate Professor, on the Academic Investigator track, in the Department of Radiology, with a dual appointment in the Department of Neurosciences, Division of Neuroscience Research, effective August 6, 2007.

Robert E. Houston, M.D., as Associate Professor, AHEC (Spartanburg), effective September 1, 2007.

Michael D. Sweat, Ph.D., as Professor, on the Academic Investigator track, in the Department of Psychiatry and Behavioral Sciences, effective October 1, 2007.

Aquilla Scott Turk, III, D.O., as Associate Professor, on the Clinician Educator track, in the Department of Radiology, with a dual appointment in the Department of Neurosciences, Division of Neurological Surgery, effective October 1, 2007.

College of Nursing

Patricia S. Bohannon, Ph.D., R.N., as Clinical Professor in the Department of Nursing, effective September 1, 2007.

South Carolina College of Pharmacy

Francis Monroe Hughes, Jr., Ph.D., as Visiting Associate Professor in the Department of Pharmaceutical and Biomedical Sciences, effective August 1, 2007.

Recommendation of Administration: That these recommendations for faculty

appointments be approved.

Recommendation of Committee: That these recommendations for faculty appointments be approved.

Board Action: A motion was made, seconded and unanimously voted to approve the faculty appointments.

Item 16. Changes in Faculty Status (Consent Item).

Statement: At the request of the Dean of the College of Medicine, administration presented for approval the following changes in faculty status.

College of Medicine

Daryl E. Bohning, Ph.D., from Professor to Professor Emeritus in the Department of Radiology, effective July 1, 2007.

David E. Potter, Ph.D., from Professor to Professor Emeritus in the Department of Ophthalmology, effective July 1, 2007.

Recommendation of Administration: That these recommendations for changes in faculty status be approved.

Recommendation of Committee: That these recommendations for changes in faculty status be approved.

Board Action: A motion was made, seconded and unanimously voted to approve the changes in faculty status.

Item 17. Master of Science in Dentistry (Consent Item).

Statement: At the request of the Dean of the College of Dental Medicine, administration presented for approval a Master of Science in Dentistry (MSD) program proposal for submission to the South Carolina Commission on Higher Education, effective October 12, 2007.

Recommendation of Administration: That the program proposal for a Master of Science in Dentistry be approved.

Recommendation of Committee: That the program proposal for a Master of Science in Dentistry be approved.

Board Action: A motion was made, seconded and unanimously voted to approve the program proposal for a Master of Science in Dentistry.

FINANCE AND ADMINISTRATION COMMITTEE. CHAIRMAN: MR. CHARLES W. SCHULZE
(Detailed committee minutes are attached to these minutes).

OLD BUSINESS: None

NEW BUSINESS:

Item 18. Financial Status Report of the Medical University of South Carolina.

Statement: Mr. Schulze said Mr. Patrick Wamsley reported on the financial status of the University.

Recommendation of Administration: That the report be received as information.

Recommendation of Committee: That the report be received as information.

Board Action: Received as information.

Item 19. Financial Status Report of the University Medical Associates.

Statement: Mr. Schulze said Mr. Mike Keels had presented the University Medical Associates financial report to committee.

Recommendation of Administration: That the report be received as information.

Recommendation of Committee: That the report be received as information.

Board Action: Received as information.

Item 20. Financial Status Report of the MUSC Foundation for Research Development.

Statement: Mr. Schulze said Ms. Janet Scarborough had reported on the activities of the MUSC Foundation for Research Development.

Recommendation of Administration: That the report be received as information.

Recommendation of Committee: That the report be received as information.

Board Action: Received as information.

Item 21. Other Business.

Statement: Mr. Schulze asked the Board to approve the purchase of three pieces of equipment by UMA as follows:

- Purchase by Department of OB/GYN equipment – freezer \$15,000; Luminex \$55,000; GE Ultrasound \$60,000; with total of purchases estimated at \$130,000.

Board Action: A motion was made, seconded and unanimously voted to approve the UMA purchase of three pieces of equipment as presented.

UNIVERSITY PHYSICAL FACILITIES COMMITTEE. CHAIRMAN: MR. WILLIAM H. BINGHAM, SR. (Detailed committee minutes are attached to these minutes).

OLD BUSINESS: None

NEW BUSINESS:

Item 22. Facilities Procurements/Contracts Proposed.

Statement: Mr. Bingham presented the following for approval:

- Two Lease Amendments for space in Roper Medical Office Building at 125 Doughty Street to house the Clinical and Translational Service Award Program Headquarters and Coordinating Center. Total cost of the 5 year leases: \$852,885.00 and \$528,536.25.
- Establish project for Bioengineering Building: \$55 million plus calculated inflation for anticipated completion in 2012.
- Project Scope Change and Budget Increase for the Drug Discovery Building: Total revised budget of \$58 million plus calculated inflation for anticipated completion in 2010.
- College of Dental Medicine Budget Increase of \$10 million. Total revised budget: \$61 million.
- Project scope change/budget decrease for Pharmacology/microbiology renovations. Total revised budget: \$8 million.
- Project scope change and budget increase for Clinical Sciences Building Air Handlers. Total revised budget: \$1,025,000.
- Budget Increase for Psychiatric Institute 2nd Floor Renovation. Total revised budget: \$900,000.

Recommendation of Administration: That the procurements/contracts be approved as presented.

Recommendation of Committee: That the procurements/contracts be approved as presented.

Board Action: A motion was made, seconded and unanimously voted to approve the procurements/contracts as presented.

Item 23. Update on Projects.

Statement: Mr. Bingham reported a project update had been given to the committee.

Recommendation of Administration: That this report be received as information.

Recommendation of Committee: That this report be received as information.

Board Action: Received as information.

Item 24. Other Committee Business.

Mr. Bingham reported he and Mr. Berlinsky had interviewed firms to provide mechanical engineering IDC services to the University. Firms selected were:

- MECA
- RMF
- BGA

Recommendation of Administration: That this be received as information.

Recommendation of Committee: That this be received as information.

Board Action: Received as information.

Item 25. Facilities Contracts Awarded (Consent Item).

Statement: Facilities contracts awarded since the last board meeting were presented for information.

Recommendation of Administration: That this be received as information.

Recommendation of Committee: That this be received as information.

Board Action: Received as information.

OTHER BUSINESS FOR THE BOARD OF TRUSTEES:

Item 26. Approval of Consent Agenda.

Statement: Approval of the University consent agenda was requested.

Recommendation of Administration: That the consent agenda be approved.

Board Action: It was moved, seconded and unanimously voted that the consent agenda be approved.

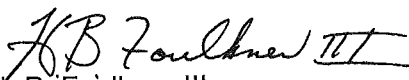
Item 27. Report of Internal Auditor. None

Item 28. New Business for the Board of Trustees. None

Item 29. Report from the Chairman. None

There being no further business, the University meeting was adjourned.

Respectfully submitted,


Hugh B. Faulkner III
Secretary

EDUCATION, FACULTY AND STUDENT AFFAIRS COMMITTEE. CHAIRMAN: MR.
MELVYN BERLINSKY
October 12, 2007
MINUTES

REGULAR AGENDA

Item 10. General Report of the Vice President for Academic Affairs

Statement:

As a part of the Master Teacher series, Dr. John Raymond introduced Dr. Debra Hazen-Martin, Professor, Department of Pathology and Laboratory Medicine, who gave an excellent presentation of her teaching philosophy. Dr. Hazen-Martin was presented with a Board citation for her excellence in teaching and the many remarkable contributions she has made to MUSC over the last two decades. The Board designated her as a Master Teacher. Deans Jerry Reves and Perry Halushka gave high praise to Dr. Hazen-Martin's contributions to the teaching mission of our institution.

Dr. Valerie West, Associate Provost for Education and Student Life, presented the 2006-2007 Annual Report of the Division of Education and Student Services. Her report outlined organizational restructuring and physical moves, new developments in a leaner and stronger leadership team, development of mission, values, vision and strategic goals (division-wide), academic/student services collaborative model, redirected resources, and future goals. Dr. Raymond commended Dr. West for her superb efforts and accomplishments.

Dr. Jeffrey Wong, Senior Associate Dean for Medical Education in the College of Medicine, gave a brief update on Graduate Medical Education, including new recruitments and new assignments, results of the GME Office Satisfaction Survey, exam performance - programmatic accreditation, house officer expansion and house officer salaries.

The Committee went into Executive Session to discuss legal issues. The Committee then reconvened its regular session, with no action taken.

The College of Medicine presented for information, the renaming of the Arthur and Holly Magill Endowed Chair in Ophthalmology to the Arturo and Holly Melosi Chair. This was received as information.

All items under the CONSENT agenda were unanimously approved, with no modifications. There being no further business, the meeting was adjourned.

Recommendation of Administration: That this report be received as information.

Recommendation of Committee: That this report be received as information

Board Action:

Item 11. Other Committee Business.

A. Renaming of the Arthur and Holly Magill Endowed Chair in Ophthalmology

Statement: At the request of the Dean of the College of Medicine, administration presented as information the renaming of the Arthur and Holly Magill Endowed Chair in Ophthalmology to the Arturo and Holly Melosi Chair in Ophthalmology.

Recommendation of Administration: That the renaming of this endowed chair be received as information.

Recommendation of Committee: That the renaming of the Arthur and Holly Magill Endowed Chair in Ophthalmology to the Arturo and Holly Melosi Chair in Ophthalmology be received as information.

Board Action:

EDUCATION, FACULTY AND STUDENT AFFAIRS COMMITTEE. CHAIRMAN: MR.
MELVYN BERLINSKY
October 12, 2007

CONSENT AGENDA

Item 12. Master Teacher Designation

Statement: At the request of the of the Dean of the College of Graduate Studies, administration presented for approval the designation of "Master Teacher" to **Debra J. Hazen-Martin, Ph.D.**, Professor, Department of Pathology and Laboratory Medicine, effective October 12, 2007.

Recommendation of Administration: That the designation of "Master Teacher" to Debra J. Hazen-Martin, Ph.D., be approved.

Recommendation of Committee: That the designation of "Master Teacher" to Debra J. Hazen-Martin, Ph.D., be approved.

Board Action:

Item 13. Faculty Promotions

Statement: At the request of the Dean of the College of Medicine and the South Carolina AHEC Appointments and Promotion Committee, administration presented for approval the following faculty promotion, effective January 1, 2008.

From Assistant Professor to MUSC AHEC Associate Professor (Spartanburg)
David A. Holt, M.D. (Spartanburg)

Recommendation of Administration: That this recommendation for promotion be approved.

Board Action:

Recommendation of Committee: That this recommendation for promotion be approved.

Board Action:

Item 14. Faculty Tenure Recommendations.

Statement: At the request of the Deans of the Colleges of Health Professions, Medicine, the South Carolina College of Pharmacy, and the Chair of the Department of Library Science and Informatics, their respective Appointments and Promotion Committees, and the University Tenure Committee, administration presented for approval the following recommendations for faculty tenure, effective January 1, 2008.

College of Health Professions

Kenneth Jackson Thomas, Ed.D., Professor, Department of Rehabilitation Sciences, College of Health Professions

College of Medicine

Thierry Rene Henri Bacro, Ph.D., Associate Professor, Department of Cell Biology and Anatomy

Olga Brawman-Mintzer, M.D., Professor, Department of Psychiatry and Behavioral Sciences

Kenneth D. Chavin, M.D., Ph.D., Professor, Department of Surgery, Division of Transplant Surgery

Jian-yun Dong, M.D., Ph.D., Professor, Department of Microbiology and Immunology

Mostafa M. Fraig, M.D., Associate Professor, Department of Pathology and Laboratory Medicine

John S. Ikonomidis, M.D., Ph.D., Associate Professor, Department of Surgery, Division of Cardiothoracic Surgery

Sergey A. Krupenko, Ph.D., Associate Professor, Department of Biochemistry and Molecular Biology

Bonnie J. Martin-Harris, Ph.D., Associate Professor, Department of Otolaryngology – Head and Neck Surgery; Joint Appointments held in the Department of Stomatology, College of Dental Medicine, and the Department of Rehabilitation Sciences, College of Health Professions

Sammanda Ramamoorthy, Ph.D., Associate Professor, Department of Neurosciences, Division of Neuroscience Research

Cynthia T. Welsh, M.D., Associate Professor, Department of Pathology and Laboratory Medicine; Dual Appointment in the Department of Neurosciences, Division of Neurological Surgery

South Carolina College of Pharmacy

Kelly Renee Ragucci, Pharm.D., Associate Professor, Department of Pharmacy

and Clinical Sciences, South Carolina College of Pharmacy

Library Science and Informatics

Mary P. Mauldin, Ed.D., Associate Professor, Department of Library Science and Informatics

Recommendation of Administration: That these recommendations for tenure be approved.

Recommendation of Committee: That these recommendations for tenure be approved.

Board Action:

Item 15. Faculty Appointments.

Statement: At the request of the Deans of the colleges of Dental Medicine, Health Professions, Medicine, Nursing and Pharmacy, and their respective Appointments and Promotion Committees, administration presented for approval the following faculty appointments:

Colleges of Dental Medicine and Medicine

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College of Health Professions

David A. Jordan, Ph.D., as Adjunct Associate Professor in the Department of Health Administration and Policy, effective July 1, 2007.

College of Medicine

Mehmet Bilgen, Ph.D., as Associate Professor, on the Academic Investigator track, in the Department of Radiology, with a dual appointment in the Department of Neurosciences, Division of Neuroscience Research, effective August 6, 2007.

Robert E. Houston, M.D., as Associate Professor, AHEC (Spartanburg), effective September 1, 2007.

Michael D. Sweat, Ph.D., as Professor, on the Academic Investigator track, in the Department of Psychiatry and Behavioral Sciences, effective October 1, 2007.

Aquilla Scott Turk, III, D.O., as Associate Professor, on the Clinician Educator track, in the Department of Radiology, with a dual appointment in the Department of Neurosciences, Division of Neurological Surgery, effective October 1, 2007.

College of Nursing

Patricia S. Bohannon, Ph.D., R.N., as Clinical Professor in the Department of Nursing, effective September 1, 2007.

South Carolina College of Pharmacy

Francis Monroe Hughes, Jr., Ph.D., as Visiting Associate Professor in the Department of Pharmaceutical and Biomedical Sciences, effective August 1, 2007.

Recommendation of Administration: That these recommendations for faculty appointments be approved.

Recommendation of Committee: That these recommendations for faculty appointments be approved.

Board Action:

Item 16. Changes in Faculty Status

Statement: At the request of the Dean of the College of Medicine, administration presented for approval the following changes in faculty status.

College of Medicine

Daryl E. Bohning, Ph.D., from Professor to Professor Emeritus in the Department of Radiology, effective July 1, 2007.

David E. Potter, Ph.D., from Professor to Professor Emeritus in the Department of Ophthalmology, effective July 1, 2007.

Recommendation of Administration: That these recommendations for changes in faculty status be approved.

Recommendation of Committee: That these recommendations for changes in faculty status be approved.

Board Action:

Item 17. Master of Science in Dentistry Program Proposal

Statement: At the request of the Dean of the College of Dental Medicine, administration presented for approval a Master of Science in Dentistry (MSD) program proposal for submission to the South Carolina Commission on Higher Education, effective October 12, 2007.

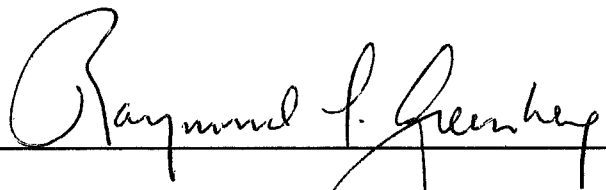
Recommendation of Administration: That the program proposal for a Master of Science in Dentistry be approved.

Recommendation of Committee: That the program proposal for a Master of Science in Dentistry be approved.

Board Action:

Program Proposal
MSD (Master of Science in Dentistry)
College of Dental Medicine
Medical University of South Carolina

November 15, 2007



Raymond S. Greenberg, MD, PhD
President

Medical University of South Carolina

INSTITUTIONAL APPROVAL

Dean, College of Dental Medicine, Medical University of South Carolina

Deans' Council

President's Council

Board of Trustees

President, Medical University of South Carolina

CLASSIFICATION

Master of Science in Dentistry (MSD)

College of Dental Medicine

Medical University of South Carolina

Master of Science degree

Proposed date of implementation- July 1, 2008

CIP code: 51.05

Program is a new Program

JUSTIFICATION

The College of Dental Medicine (CDM) offers fully accredited residency programs in Oral and Maxillofacial Surgery, Orthodontics, Pediatric Dentistry and Periodontics. Traditionally the residency programs have focused on the clinical training of residents with limited instruction in didactic components, research, education methodology, biomedical and behavioral sciences.

The residency program in Periodontics has collaborated with the College of Health Professions (CHP) and the College of Graduate Studies (CGS) to provide an opportunity for the residents/graduate students to earn either Master of Health Sciences (MHS) or Master of Science (MS) degrees respectively. The MHS degree program will no longer accept new students as of July 1, 2008, which is the date the proposed MSD program is to begin. Due to the time commitment to intensive clinical training by the respective residency programs and the restructuring of the curriculum by the College of Graduate Studies requiring a one year core curriculum, the MS degree program offered through the College of Graduate Studies is no longer a viable option for residents/graduate students. The College of Graduate Studies core curriculum extends training by an extra year and cannot be integrated into the respective residency programs.

The residency/graduate programs in Orthodontics and Periodontics require that the enrolled residents/graduate students complete a Master's degree program concurrently with the successful completion of their clinical training programs. The Advanced Education Committee of the College of Dental Medicine has reviewed the matter carefully and has consulted with the Schools of Dentistry of Indiana University and the University of Minnesota. Based on review of the academic needs of the College of Dental Medicine residency/graduate programs, the Committee has decided to consolidate the didactic, clinical and research training of the residency programs culminating in the awarding of the Master of Science In Dentistry (MSD) degree to be offered by the College of Dental Medicine.

Almost all of the Southeastern Colleges of Dental Medicine/Schools of Dentistry offer a Master of Science/Master of Science in Dentistry degree concurrently with the residency programs in various dental specialty programs. These institutions include the University of North Carolina, Medical College of Georgia, University of Tennessee, University of Kentucky, University of Virginia, University of Florida, and University of Alabama-Birmingham. In order to remain competitive in attracting well-credentialed applicants, MUSC residency programs need to offer the proposed Master of Science degree to train clinicians for South Carolina and the surrounding region. Graduates of this program will have a balanced didactic education, clinical education, and research training. Well-trained clinicians with this Master of Science degree will allow MUSC graduates to be competitive with graduates of other schools, earn faculty and research positions and contribute towards the education of future dentists and dental specialists.

The implementation of the MSD Program will enable the residents/graduate students to attain specialty focused clinical competency and receive formal (course/credit hours) didactic instruction, training in research methodology, conduct of research, data analysis and writing of manuscript/thesis. Depending on the specialty pursued students will complete approximately 60-80 credit hours to earn the MSD degree. The MSD program will be designed to develop dental specialists with a sound academic background on which to base clinical treatment. The didactic component will include instruction in biomedical and behavioral sciences, and education methodology. The graduates of the program will be board eligible dental specialists who will also earn an MSD degree. By virtue of formal and multifaceted education received through the proposed program, the graduates will be able to pursue clinical practice, conduct research in both academic and private practice settings and become productive members of collaborative research teams. The graduates will also have a competitive edge in earning faculty positions at academic health centers or other teaching institutions. The ongoing concerns for faculty shortages in Dental Schools nationwide will make our graduates among the most qualified candidates to earn faculty positions.

The goals of the residency/graduate programs are to provide superior clinical training based upon a sound foundation of scientific principles, an understanding of behavioral sciences, and discovery of new knowledge for future growth and development of a specialty in dentistry. The proposed MSD program will educate and produce dental specialists who will acquire the above outlined qualifications and characteristics. They will provide superior clinical care, conduct and appreciate acquisition of new knowledge, as well as better understand human behavior and diversity in relation to patient management.

The incorporation of the MSD program into the existing residency programs will assist in meeting stringent accreditation standards. Residents will also become eligible for academic related federal financial assistance. The incentive of earning an MSD degree along with clinical specialty training will expand the highly qualified pool of applicants for various residency programs.

I. Program Demand and Productivity:

Dentists seek specialty training after obtaining their professional degree, either a D.D.S. or D.M.D. The trend in dental residency education is to award a post-doctoral Masters' degree along with a certificate of residency completion. Universities in our sister states already grant these degrees. Establishing a Master's program will allow us to remain competitive in attracting and training the best residents.

The MSD degree program will only be offered to and open to the residents/graduate students accepted in the CDM residency/graduate programs.

The 24-48 month residency programs provide adequate time period for residents/graduate students to complete the requirements of the MSD degree program including the conduct of a research project, writing of a thesis/manuscript, thesis defense, and the concurrent successful completion of clinical training.

The proposed program will be fully operational in three years with an expected average of 6-9 graduates per year. As new residency/graduate programs are developed and become operational the expected number of graduates earning MSD degrees may increase to 12 per year.

II. Program Duplication

This will not be a factor. MUSC is the only College of Dental Medicine in the state. No such program is offered by any institution in the State of South Carolina. However similar programs are offered at academic health centers/Colleges of Dental Medicine in most other states. At the time of this proposal, among the forty-seven university based Residencies in Periodontics, for example, only three offer a certificate of clinical specialization without a concurrent Masters Degree. If the Masters Degree is not a component of the Residency programs at MUSC, Periodontics, Orthodontics and Pediatric Dentistry, it is possible our applicant pool will be negatively affected as applicants opt for programs offering the Masters Degree.

III. Relationship of the Program to Existing Programs at the Proposing Institution:

The proposed MSD degree program will augment and strengthen the existing residency/graduate programs in various dental specialties by providing formal and organized instruction in various didactic and clinical components, research, biomedical and behavioral collaborative sciences, and education methodology. The graduates will be well-trained clinicians with a much broader foundation, outlook and service opportunities. Strong residencies will allow us to attract top ranked faculty who are drawn by the research projects of the residents. The attraction of top ranked faculty will strengthen our undergraduate program.

CDM is one of the six colleges of MUSC, an academic health center of the State of South Carolina. The CDM has exemplary collaborative relationships with all the colleges of MUSC, CHP and CGS in particular. The CDM has collaborated with joint academic and research programs with all of the colleges of MUSC. In addition to the courses offered by CDM, the MSD degree program will incorporate several excellent courses currently offered in the College of Graduate Studies and College of Health Professions at MUSC and take advantage of research opportunities offered by the MUSC Colleges for partial fulfillment of requirements of the proposed program. The Deans of MUSC Colleges are supportive of the establishment of such collaborations and the proposed program.

IV. Relationship of the Proposed Program to Other Institutions Via Inter-institutional Cooperation:

MUSC and Clemson University have a very active collaborative relationship in academic and research areas. The CDM faculty interacts with the Clemson University Bioengineering and Material Sciences faculty based at the MUSC Charleston campus. The resident/graduate students of the proposed MSD program will be exposed to the Clemson faculty and encouraged to pursue research projects with a direct or indirect relationship to dentistry.

The South Carolina College of Pharmacy also provides an opportunity for residents/graduate students to pursue collaborative research in the areas of Pharmacology and Therapeutics.

The Dental Medicine Scientist Training program of the CDM is well established and actively collaborates with the National Institute of Dental and Craniofacial Research. The residents/graduate students of the proposed MSD degree program will have the opportunity to pursue research projects in collaboration with NIDCR.

The renewal of funding of the COBRE program at MUSC will also allow the residents to interact with principal investigators working in this program. The COBRE grant principal investigators have collaborative working relationships with other institutions in the South Carolina.

ENROLLMENT

Admissions criteria for the proposed MSD program must include consideration of the fact that the MSD will only be offered in conjunction with a dental clinical specialty program. There will be no instance in which a student will be enrolled in the proposed MSD program if not also and concurrently enrolled in a dental specialty program.

Therefore, admission criteria include:

- Graduation from a recognized dental school granting an appropriate doctoral degree, eg., D.D.S., D.M.D., B.D.S.

- Adequate scores on the Graduate Records Examination (GRE)

- Residents will have to satisfy all requirements of the corresponding specialty group, American Academy of Periodontology, American Association of Orthodontists, etc.

- Fluency in the English language as a spoken and written language.

PROJECTED TOTAL ENROLLMENT						
YEAR	FALL		SPRING		SUMMER	
	Headcount	Credit Hours	Headcount	Credit Hours	Headcount	Credit Hours
2008-2009	8	56	8	56	8	48
2009-2010	16	112	16	112	16	96
2010-2011	22	154	22	154	22	132
2011-2012	22	154	22	154	22	132
2012-2013	22	154	22	154	22	132

ESTIMATED NEW ENROLLMENT						
YEAR	FALL		SPRING		SUMMER	
	Headcount	Credit Hours	Headcount	Credit Hours	Headcount	Credit Hours
2008-2009	8	56	0		0	
2009-2010	8	56	0		0	
2010-2011	8	56	0		0	
2011-2012	8	56	0		0	
2012-2013	8	56	0		0	

Projected enrollment figures were developed based on current enrollment in the existing dental clinical specialty programs.

CURRICULUM

COMMON TO ALL POST-DOCTORAL PROGRAMS (TO BE
TAKEN IN 2-3 YEARS):

<u>Course Name</u>	<u>Course Number</u>	<u>Credit Hours</u>
Research Methods	HP 610	3
Teaching Methodologies	RS 665	3
Biometry for Clinicians	BMTRY 700	3
Biomedical CORE	STOMA	2
Advanced Radiology	STOMA 834	2
Advanced Oral Pathology	STOMA 868	2
Nutrition	STOMA 870	0.5
Oral Medicine	STOMA 878	2
Research/Thesis	STOMA 899	4
(repeated 4 semesters)		
Practice Management	STOMA 823	2

TOTAL CORE CREDIT HOURS 23.5

Many courses that will be part of the MSD curriculum are already in existence and offered by the College of Dental Medicine, the College of Graduate Studies or the College of Health Professions.

DIDACTIC COURSES SPECIFIC TO POST-DOCTORAL
PERIODONTICS PROGRAM (TO BE TAKEN IN 3 YEARS)-

<u>Course Name</u>	<u>Course Number</u>	<u>Credit Hours</u>
Advanced Periodontology (ADVP I)	STOMA 864	2
Advanced Periodontology (ADVP II)	STOMA 865	2
Advanced Periodontology (ADVP III)	STOMA 866	2
Advanced Periodontology (ADVP IV)	STOMA 867	2
Conscious Sedation	STOMA 875	2
Oral Histopathology I	STOMA 883	1
Oral Histopathology II	STOMA 884	1
Advanced Implantology	STOMA 995	2
Adjunctive Orthodontics	PEDOR 888	1
Dental Implantology	RMPRO 830	1
Microbiology/Immunology	STOMA ***	2
Periodontal Microbiology	STOMA	2
Advances in Immuno- Pathology	STOMA 863	1
Molecular Biology	STOMA 876	2
TOTAL DIDACTIC CREDIT HOURS		23.0

CLINICAL PERIODONTOLOGY (TO BE TAKEN IN 3 YEARS)-

<u>COURSE NAME</u>	<u>OFFERED IN:</u>	<u>CREDIT HOURS</u>
Clinical Periodontology IA	Summer Year 1	1
Clinical Periodontology IB	Fall Year 1	1
Clinical Periodontology IC	Spring Year 1	1
Clinical Periodontology IIA	Summer Year 2	1
Clinical Periodontology IIB	Fall Year 2	1
Clinical Periodontology IIC	Spring Year 2	1
Clinical Periodontology IIIA	Summer Year 3	1
Clinical Periodontology IIIB	Fall Year 3	1
Clinical Periodontology IIIC	Spring Year 3	1
Teaching Preceptorship IA	Fall Year 1	0.5
Teaching Preceptorship IB	Spring Year 1	0.5
Teaching Preceptorship IIA	Fall Year 2	0.5
Teaching Preceptorship IIB	Spring Year 2	0.5
Teaching Preceptorship IIIA	Fall Year 3	0.5
Teaching Preceptorship IIIB	Spring Year 3	0.5
TOTAL CLINIC CREDIT HOURS		12.0
TOTAL CORE CREDIT HOURS		23.5
<u>TOTAL DIDACTIC CREDIT HOURS</u>		<u>23.0</u>
TOTAL PERIO PROGRAM HOURS		58.5

The MSD will only be offered in conjunction with a dental clinical specialty program. There will be no instance in which a student will be enrolled in the proposed MSD program if not also and concurrently enrolled in a dental specialty program.

DIDACTIC COURSES SPECIFIC TO POST-DOCTORAL ORTHODONTICS PROGRAM (TO BE TAKEN IN 3 YEARS)-

<u>Course Name</u>	<u>Course Number</u>	<u>Credit Hours</u>
Orientation to Orthodontics	OR101	1
Diagnostic Records / Patient Documentation	OR102	1
Orthodontic Case Analysis I	OR103	1
Edgewise Biomechanics I – Typodont / Lab	OR105	2
Radiographic Techniques and Procedures	OR106	1
Craniofacial Growth and Development	OR107	1
Space Supervision / Guidance of Eruption	OR108	1
Supplemental Appliance Construction - Lab	OR109	1
CPR I	OR110	0.5
Orthognathic Surgical Management I	OR111	1
Craniofacial Anomalies I	OR112	1
Literature Review I	OR113	2
Dentistry for the Special Child I	OR114	1
Advanced Cephalometrics	OR115	1
Orthodontic Case Analysis II	OR203	1
Edgewise Orthodontic Biomechanics II	OR205	1
CPR II	OR206	1
Orthognathic Surgical Management II	OR207	1
Craniofacial Anomalies II	OR208	1
Literature Review II	OR209	2
Dentistry for the Special Child II	OR210	1
Occlusion & Interdisciplinary care	OR211	1
Dentofacial Orthopedics	OR212	1
Orthodontic Case Analysis III	OR303	1
Edgewise Orthodontic Biomechanics III	OR305	1
CPR III	OR310	0.5
Orthognathic Surgical Management III	OR311	1
Craniofacial Anomalies III	OR312	1
Literature Review III	OR313	2
Patient Management (Behavioral)	OR401	1
Child Growth and Development	OR402	1
Traumatic Injury / Emergency Dental Care	OR403	1
Periodontal Considerations in Orthodontics	OR404	1

TOTAL DIDACTIC CREDIT HOURS	36.0
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CLINICAL ORTHODONTICS (TO BE TAKEN IN 3 YEARS)-

<u>COURSE NAME</u>	<u>OFFERED IN:</u>	<u>CREDIT HOURS</u>
Clinical Orthodontics I	Summer Year 1	1
Clinical Orthodontics I	Fall Year 1	1
Clinical Orthodontics I	Spring Year 1	1
Clinical Orthodontics II	Summer Year 2	1
Clinical Orthodontics II	Fall Year 2	1
Clinical Orthodontics II	Spring Year 2	1
Clinical Orthodontics III	Summer Year 3	1
Clinical Orthodontics III	Fall Year 3	1
Clinical Orthodontics III	Spring Year 3	1
TOTAL CLINIC CREDIT HOURS		9.0
TOTAL CORE CREDIT HOURS		23.5
<u>TOTAL DIDACTIC CREDIT HOURS</u>		<u>36.0</u>
TOTAL ORTHO PROGAM HOURS		68.5

**DIDACTIC COURSES SPECIFIC TO POST-DOCTORAL
PEDIATRIC DENTISTRY PROGRAM (TO BE TAKEN IN 2
YEARS)-**

<u>Course Name</u>	<u>Course Number</u>	<u>Credit Hours</u>
Orientation to Pediatric Dentistry	PD101	1
Craniofacial Growth and Development	PD104	1
Pediatric / Adolescent Radiology	PD105	1
Physical Diagnosis	PD107	1
Pediatric Dental Case Analysis I	PD110	2
Orthodontic Case Analysis I	PD111	1
Space Supervision / Guidance of Eruption	PD112	1
Craniofacial Anomalies I	PD117	1
Advanced Cephalometrics	PD118	1
Integrated Orthodontics I	PD119	1
Dentistry for the Special Child I	PD120	1
Literature Review I	PD121	1
Pediatric Dental Case Analysis II	PD210	2
Orthodontic Case Analysis II	PD211	1
Craniofacial Anomalies II	PD217	1
Integrated Orthodontics II	PD219	3
Dentistry for the Special Child II	PD220	1
Literature Review II	PD221	2
Advanced Behavior Management	PD223	1
Dentofacial Orthopedics	PD225	1
Child Growth and Development	PD226	1
Pulp Therapy	PD301	1
Restorative Dentistry for Children	PD302	1
Traumatic Injury / Emergency Care	PD303	1
Periodontal Considerations in Children	PD304	1

TOTAL DIDACTIC CREDIT HOURS 30.0

CLINICAL PEDIATRIC DENTISTRY (TO BE TAKEN IN 2 YEARS)-

<u>COURSE NAME</u>	<u>OFFERED IN:</u>	<u>CREDIT HOURS</u>
Clinical Pediatric Dentistry I	Summer Year 1	1
Clinical Pediatric Dentistry I	Fall Year 1	2
Clinical Pediatric Dentistry I	Spring Year 1	2
Clinical Orthodontics I	Summer Year 1	1
Clinical Orthodontics I	Fall Year 1	2
Clinical Orthodontics I	Spring Year 1	2
Hospital Dentistry I	Summer Year 1	1
Hospital Dentistry I	Fall Year 1	1
Hospital Dentistry I	Spring Year 1	1
Clinical Pediatric Dentistry II	Summer Year 2	1
Clinical Pediatric Dentistry II	Fall Year 2	2
Clinical Pediatric Dentistry II	Spring Year 2	2
Clinical Orthodontics II	Summer Year 2	1
Clinical Orthodontics II	Fall Year 2	2
Clinical Orthodontics II	Spring Year 2	2
Hospital Dentistry II	Summer Year 2	1
Hospital Dentistry II	Fall Year 2	1
Hospital Dentistry II	Spring Year 2	1
TOTAL CLINIC CREDIT HOURS		26.0
TOTAL CORE CREDIT HOURS		23.5
<u>TOTAL DIDACTIC CREDIT HOURS</u>		<u>30.0</u>
TOTAL PEDO CREDIT HOURS		79.5

FACULTY

Rank	Highest Degree Earned	Field of Study	Teaching in Field (Yes/No)
Professor	DDS	Dentistry	Yes
Professor	DMD MSD	Dentistry Preventive Dentistry	Yes
Professor	DMD MHS	Dentistry Health Sciences	Yes
Assistant Prof.	DDS MS	Dentistry Microbiology and Immunology	Yes
Assistant Prof.	DDS MS	Dentistry Immunology	Yes
Professor	DDS PhD	Dentistry Oral Biology	Yes
Professor	PhD	Immunology	Yes
Associate Prof.	DDS MS	Dentistry Prosthodontics	Yes
Professor	DMD MHS	Dentistry Health Sciences	Yes
Professor	DDS	Dentistry	Yes
Assistant Prof.	DDS	Dentistry	Yes
Associate Prof.	DMD MS	Dentistry Radiology	Yes
Associate Prof.	DMD	Dentistry	Yes
Professor	DDS MEd	Dentistry Education	Yes
Associate Prof.	DMD MS	Dentistry Radiology	Yes
Associate Prof.	DDS	Dentistry	Yes
Assistant Prof.	DDS	Dentistry	Yes
Associate Prof.	DDS	Dentistry	Yes

Unit Administration/Faculty/Staff Support						
Year	New		Existing		Total	
	Headcount	FTE	Headcount	FTE	Headcount	FTE
Administration						
2007-2008	1	0.3	0	0	1	0.3
2008-2009	0	0	1	0.3	1	0.3
2009-2010	0	0	1	0.3	1	0.3
2010-2011	0	0	1	0.3	1	0.3
2011-2012	0	0	1	0.3	1	0.3
Faculty						
2007-2008	0	0	18	18	18	18
2008-2009	0	0	18	18	18	18
2009-2010	0	0	18	18	18	18
2010-2011	0	0	18	18	18	18
2011-2012	0	0	18	18	18	18
Staff						
2007-2008	1	0.5	0	0	1	0.5
2008-2009	0	0	1	0.5	1	0.5
2009-2010	0	0	1	0.5	1	0.5
2010-2011	0	0	1	0.5	1	0.5
2011-2012	0	0	1	0.5	1	0.5

No changes in current faculty appointments and/or assignments will be necessary to implement the proposed MSD program. Additional faculty members may be necessary depending on teaching load, clinical responsibilities and research activities.

Qualifications for new faculty member appointments, if and when such new appointments are necessary, will include:

- Graduation from an recognized Dental school or PhD in a basic science with biomedical impact.
- Post-Doctoral training in an ADA recognized dental specialty.
- Dental licensure, or eligibility for licensure, in a state or territory of the United States.
- Fluency in the English language as a spoken and written language.

The institutional plan for faculty development will be based on the existing program. Each faculty member's time will be allotted according to the needs of the clinical instruction demands and the needs of the didactic components of the program. Adequate time will be made available to each faculty member as necessary for research, consulting, conferences, curriculum development and continuing education.

The institutional definition of the full-time equivalents (FTE) is a faculty position requiring at least forty hours per week commitment.

PHYSICAL PLANT

The proposed MSD program will not require any changes or additions to the physical plant in place at the Medical University of South Carolina, College of Dental Medicine, beyond renovations appropriate for an office to house the Director of the Program and the support staff.

Clinical facilities, lecture halls, conference rooms, laboratories and other support facilities are in place sufficient to allow the Program to proceed. Innovations and renovations appropriate for specific research protocols, both clinical and laboratory, might be considered as necessary, but are not anticipated.

A new clinical sciences building of the James B. Edwards College of Dental Medicine, will be built on the MUSC campus with a projected completion date of Summer 2009. This new clinical sciences building will be a state of the art dental education facility.

EQUIPMENT

Most aspects of the proposed MSD program will not require any immediate changes or additions in equipment already in place at the Medical University of South Carolina, College of Dental Medicine.

The creation of the program will require typical office equipment for the Director of the Program and the support staff. In addition, additional computer information technology items, imaging equipment and audiovisual aids (digital projectors, direct camera projectors, etc.) will be added as necessary. Anticipated costs for these equipment needs should be approximately \$50,000.

Clinical facilities, lecture halls, conference rooms, laboratories and other support facilities are in place sufficient to allow the Program to proceed. Additional equipment appropriate for specific research protocols, both clinical and laboratory, might be considered as necessary, but are not anticipated.

LIBRARY RESOURCES

The proposed MSD program will not require any changes or additions in Library facilities already in place at the Medical University of South Carolina. The existing Library facilities offer both print and online journals and other publications appropriate and necessary for any scholarly activities anticipated. Regular innovations in Library technologies are anticipated but would be completed regardless of the addition of this MSD program. Such innovations in

Library technologies will only serve to enhance access to necessary scholarly works and reference materials to facilitate both student and faculty activities.

ACCREDITATION, APPROVAL, LICENSURE or CERTIFICATION

All Post-Doctoral Specialty programs are fully accredited by the Commission of Dental Accreditation of the American Dental Association.

The proposed MSD program will only be offered in conjunction with a Post-Doctoral clinical specialty program. There will be no instance in which the MSD will be offered without concurrent enrollment in such a Post-Doctoral specialty program.

The Medical University of South Carolina is full accredited by the Southern Association of Colleges and Schools (SACS).

The Medical University Hospital is fully accredited by the Joint Commission on Hospital Accreditation.

The proposed MSD program is not linked to any licensure issues. Licensure of the program participants is linked to their prerequisite dental degree. Students admitted as candidates for the proposed MSD program will have already earned a dental doctoral degree and concerns for licensure will be a state specific issue for each of them to choose to pursue if interested. Participation in and completion of the proposed MSD program will not require a state dental license but admission to the proposed program will require eligibility for such licensure as a minimum admission criteria (see page 6).

ESTIMATED COST

The MSD degree program in general will be implemented with consolidation of existing resources and faculty actively involved in the multifaceted instruction of residents/graduate students. A staff position and a partial faculty commitment will be needed to fully implement the program and to support the residency program directors on an ongoing basis.

Anticipated Annual Expenses :

Director (partial time commitment)=	30,000.
Staff (partial time commitment)=	20,000.
Printing Brochures, etc.=	2,000.
Information Technology =	10,000.
Outcomes Assessment =	5,000.
<u>Library/Office Supplies =</u>	<u>5,000.</u>
Annual Total =	72,000.
<u>Nonrecurring Expenses</u>	
Consultant =	3,000.
Faculty Retreat =	1,000.
Equipment=	50,000.
<u>Establishment of an Office =</u>	<u>20,000.</u>
Nonrecurring Total =	74,000.

New Costs to the Institution and Sources of Financing

Estimated Costs by Year						
Category	1 st	2 nd	3 rd	4th	5th	Totals
Program Administration	30000	30000	30000	30000	30000	150000
Faculty Salaries	0	0	0	0	0	0
Graduate Assistants	0	0	0	0	0	0
Clerical/Support Personnel	20000	20000	20000	20000	20000	100000
Supplies and Materials	10000	10000	10000	10000	10000	50000
Library Resources	5000	5000	5000	5000	5000	25000
Equipment	50000	0	0	0	0	50000
Facilities	20000	0	0	0	0	20000
Other	11000	7000	7000	7000	7000	39000
TOTALS	146000	72000	72000	72000	72000	434000

Sources of Financing by Year						
Category	1 st	2 nd	3 rd	4th	5th	Totals
Estimated FTE Revenue Generated from the State	0	0	0	0	0	0
Tuition Funding (New Students Only)	76,800	76,800	76,800	76,800	76,800	384,000
Other State Funding (Legislative Approp.)	0	0	0	0	0	0
Reallocation of Existing Funds	146,000	72,000	72,000	72,000	72,000	434,000
Federal Funding	0	0	0	0	0	0
Other Funding (Endowment, Auxiliary, etc.)	0	0	0	0	0	0
TOTALS	222,800	148,800	148,800	148,800	148,800	818,000

Medical University of South Carolina

RESEARCH AND INSTITUTIONAL ADVANCEMENT COMMITTEE

MINUTES

October 11, 2007

Committee Members Present: Mr. William H. Bingham, Sr., Dr. Cotesworth P. Fishburne, Jr. (Chair), Mr. William B. Hewitt, Dr. Donald R. Johnson II, Dr. Paula E. Orr, Dr. Thomas C. Rowland Jr., Mr. Thomas L. Stephenson, Esq., The Honorable Robin Tallon, Dr. James E. Wiseman, Jr.

Other Trustees Present: Dr. Stanley C. Baker, Jr., Mr. Melvyn Berlinsky, Dr. Charles B. Thomas, Jr.

Other Participants: Ms. Susan H. Barnhart, Dr. John R. Feussner, Mr. Jim Fisher, Mr. Joseph C. Good, Dr. Raymond S. Greenberg, Mr. William C. Hood, Dr. Mark Kindy, Dr. Edward Krug, Dr. Stephen M. Lanier, Ms. Leigh Manzi, Dr. Jacqueline McGinty, Dr. John R. Raymond, Dr. J.G. Reves, Ms. Janet Scarborough, Ms. Margaret P. Schachte

Regular Agenda

Call to Order and Approval of Minutes

Dr. Fishburne called the meeting to order at 12:45 PM in the Colcock Hall Board Room. The minutes of the previous meeting were approved as distributed.

Item 7.

General Report of the Associate Provost for Research

Dr. Lanier presented a general report on research activities. The total value of grants and contracts awarded in FY2007 increased to \$193.3 million, up from \$189.4M in FY2006. MUSC had a record-breaking year. NIH funding increased by 11% from \$84 million to a new MUSC record of \$93.4 million. The previous NIH record of \$90.3 million was set in FY2004. There was also a 41% increase in corporate funding from \$24 million to a record-breaking \$34 million. The previous record was \$26.2 million. Dr. Lanier noted that MUSC now has 5 NIH MERIT award recipients (for recognition of sustained accomplishment in science, providing a 10-year funding cycle versus the usual 4- or 5-year cycle). They are: Gary Aston-Jones, PhD, Center of Economic Excellence Chair in Neurosciences; Yusuf Hannun, PhD, Ralph F. Hirschmann Professor of Biomedical Sciences; John Lemasters, PhD, Center of Economic Excellence Chair in Cancer Drug Discovery; Peter Kalivas, PhD, Distinguished University Professor; and Inderjit Singh, PhD, Distinguished University Professor. Two of the MERIT awardees are CoEE recruits. The total research funding for these two individuals plus Dr. Charles Smith, another CoEE recruit in FY07, was almost \$5 million.

Dr. Lanier introduced Dean Jerry Reves of the College of Medicine, who provided a summary of funding successes in the College of Medicine. Several departments had remarkable increases in funding over the last year, despite the flat NIH budget. The Departments of Neurosciences, and Biostatistics, Bioinformatics & Epidemiology achieved >50% increases in NIH funding.

In conjunction with the research growth in Neurosciences and the collaborative Neuroimaging group, Dr Lanier noted that MUSC was able to purchase a 3T magnetic resonance imaging (MRI) system dedicated to research that will likely be housed at 30 Bee St. Continued growth in this area is anticipated with the recruitment of Dr. Tom Uhe as Chair of Psychiatry. Dr. Uhe will join MUSC in November from Pennsylvania State University.

In the College of Dental Medicine, Dr. Lanier noted that the top candidate for the position of Associate Dean of Research made a second visit last week, which went very well.

In the College of Nursing, Dr. Carolyn Jenkins received notice of a major competitive award for a National Center of Excellence for Racial and Ethnic Approaches to Community Health (REACH 2010) from the Centers for Disease Control and Prevention.

Dr. Lanier recognized Dillard C. Marshall for his service to MUSC as Director of the Office of Research and Sponsored Programs with a Resolution of Appreciation from the Board of Trustees. Mr. Marshall plans to retire in December 2007 after 13 years of service at MUSC. He has performed admirably. His sustained commitment to our mission is greatly appreciated and duly acknowledged.

Recommendation of Administration. That the report be received as information.

Recommendation of Committee. That the report be received as information.

Board Action. N/A

Item 8.

General Report of the Vice President for Development

Mr. Fisher presented the general report on institutional advancement activities. Mr. Fisher noted that through September 20, 2007, the MUSC Capital Campaign, *A Partnership of Promise*, has generated more than \$167 million in total gifts and pledges. Both momentum and activity remain high. He highlighted a few of the numerous gifts and pledges recently received, which are detailed in the meeting booklet. These include a \$100,000 gift from Carolina Radiology of Myrtle Beach pledged toward the establishment of the Dr. Stephen Schabel Endowed Chair in Radiology. The Dental Medicine Class of 1983 pledged to underwrite the Instructor Station in the Hirsch Simulation Lab with a class gift of \$100,000 in celebration of their upcoming 25th reunion. CVS Caremark Trust presented the College of Pharmacy with the final installment on their pledge of \$250,000 in support of the Professional Practice Laboratory, which is planned to be located in the Drug Discovery Building. Mr. Fisher noted that MUSC Board of Trustee member Mr. Melvyn Berlinsky was recognized for his many years of University service and dedication through the creation and naming of an endowed chair in cancer research. The Melvyn Berlinsky Endowed Chair in Cancer Research was awarded to Dr. Robert Gemmill at a reception held in Mr. Berlinsky's honor on August 29, 2007. The Spaulding-Paolozzi Foundation approved the Hollings Cancer Center's proposal to endow a chair in Breast Cancer Diagnosis, Treatment and Research. Their gift of \$500,000 is required to be matched by the Cancer Center. A heart transplant recipient from New Hampshire has bequeathed \$500,000 to the MUSC Heart Transplant Center. The Center of Economic Excellence in Molecular Proteomics in Cardiovascular Disease and Prevention received a gift of \$100,000 from Mr. John Chalsty, retired CEO of Donaldson, Lufkin and Jenrette. A member of the Heart and Vascular Board is endowing a \$100,000 lectureship to benefit the Division of Cardiology. A letter of intent has been received from Force Protection regarding a \$4 million gift toward establishment of the MUSC Force Protection Brain Research Center. The South Carolina Spinal Research Injury Research Fund has pledged \$500,000 toward the Phanor Perot Chair in Spinal Cord Injury. The Division of Endocrinology, Diabetes and Medical Genetics received \$500,000 from Ms. Rosemary Jocius to support diabetes and patient education programs. The MUSC Capital Campaign is progressing very well through the quiet

phase. The second meeting of the Capital Campaign Cabinet was held in September. Highlights include a series of Campaign Awareness Receptions to increase awareness about MUSC's successes, plans, and campaign priorities and initiatives. Each member of the Campaign Cabinet has been individually consulted to ascertain their reactions and suggestions to the Campaign Plan, strategies and materials. Mr. Bruce Flessner, principal of the consulting firm Bentz Whaley Flessner, reported the Campaign Cabinet should take great pride in their year-to-date progress and advised the members to remain focused on major gift solicitations during the next three months. The public announcement and Campaign Kickoff is projected for early 2008. Mr. Fisher asked for permission to begin work on analyzing the naming guidelines in comparison with sister institutions in order to put forward a number of major naming opportunities within the framework of the Capital Campaign with guidelines that are challenging yet realistic.

Recommendation of Administration. That this report be received as information.

Recommendation of Committee. That this report be received as information.

Board Action. N/A

Item 9. Other Committee Business

Faculty Presentations

Presentations were made on two new training awards, one targeting postdoctoral fellows and the other targeting early career development for scientists in the area of women's health. Dr. Lanier noted that success with these proposals puts MUSC in an elite group of schools. For the first presentation, he introduced Edward Krug, PhD, Assistant Dean for Postdoctoral Affairs & Associate Professor, Department of Cell Biology & Anatomy.

Dr. Krug gave an excellent overview of the new NIH Institutional Research and Academic Career Development Award (IRACDA). IRACDA is a K12 career development grant from the National Institute of General Medical Sciences (NIGMS), targeting postdoctoral academic career development and pairing a research-intensive institution (MUSC) with a teaching-intensive and minority-serving university (Claflin University in Orangeburg). Dr. Cynthia Wright, Associate Dean for Admissions in the College of Graduate Studies, is the principal investigator, with Dr. Krug as co-principal investigator. MUSC has one of only 11 IRACDA programs nationwide, one of only four competitively funded in FY2007. The MUSC award is estimated to be \$1.2 million over 3 years. The goals include: providing mentored support for training postdoctoral scholars in complementary aspects of biomedical research and technology; promoting advancement of under-represented minorities in the sciences; and "doing no harm" in comparison to other postdoctoral training experiences. The structure of the program is 75% research and 25% teaching. Program evaluation will be achieved through trainee outcomes via publication record and employment opportunities, MUSC outcomes through increased collaborations and increased diversity, Claflin outcomes looking at curricular development and increased collaborations, and student outcomes measured through increased matriculation into graduate programs in the sciences. Program oversight includes an internal advisory committee, steering committee and external advisor from the Georgia Institute of Technology. The three first IRACDA scholars and their mentors are: Dr. Andrew Hunter in Cell Biology and Anatomy with mentor Dr. Robert Gourdie, Dr. Jennifer Grant in Pharmacology with mentor Dr. Kevin Schey, and Dr. Heather Davidson in Neurosciences with mentor Dr. Antonieta Lavin.

For the second presentation, Dr. Lanier introduced Jacqueline McGinty, PhD, Associate Dean, College of Graduate Studies & Professor, Department of Neurosciences.

Dr. McGinty presented an overview of the Building Interdisciplinary Research Careers in Women's Health (BIRCWH) program. Dr. McGinty is the program director of MUSC's BIRCWH with Kathleen Brady, MD, PhD, as the principal investigator. The purpose of the BIRCWH program is to foster the career development of junior faculty members who are engaging in basic, clinical, translational, behavioral, or health science research in any area relevant to women's health with an emphasis on sex and gender factors. BIRCWH programs accomplish this goal by mentoring junior faculty to bridge advanced training with independent research in areas that integrate scientific disciplines. The MUSC BIRCWH has four scholars at a time, two being clinical and two preclinical (basic science). The program is funded for 5 years through the NIH Office of Research on Women's Health (ORWH). MUSC's thematic focus is on gender differences in aging/cognitive decline and addictions/mental health. Dr. McGinty summarized the prerequisites and application process for a BIRCWH Scholar, emphasizing that the scholar position is a junior faculty position, not a fellowship. The annual BIRCWH meeting for 2007 is scheduled for November 14 at NIH. The goal for the meeting is to share best practices developed by the BIRCWH in four key areas, with MUSC designated to participate in discussion of how the BIRCWH programs represent interdisciplinary women's research in action, what infrastructure is needed and what are some examples drawn from scholar research.

Recommendation of Administration. That this report be received as information.

Recommendation of Committee. That this report be received as information.

Board Action. N/A

General Report on Foundation for Research Development

Mr. Hood presented a brief report on the MUSC Foundation for Research Development (FRD). He noted that Johnson & Johnson officials, with whom FRD successfully negotiated a research agreement, have requested a photo opportunity with Drs. Greenberg and Raymond in front of the new Ashley River Tower. During the first quarter of the current fiscal year, FRD has received 18 invention disclosures, setting a good pace to equal or exceed the total of 50 received in FY2007. The Foundation for Research Development will host Intellectual Property (IP) Day at MUSC on Friday, October 19, featuring: private question and answer sessions with patent attorneys; major biotech and pharmaceutical industry representatives looking for research collaborations; lectures on how to obtain small business grants; commercialization strategies for life science; and discussion of how to get research from the bench to the bedside.

Recommendation of Administration. That this report be received as information.

Recommendation of Committee. That this report be received as information.

Board Action. N/A

There being no further business, the meeting was adjourned at 1:55PM.

COMMITTEE ON FINANCE AND ADMINISTRATION
October 11, 2007
Minutes

Attendees:

Mr. Charles Schulze, Chair
Dr. Stanley C. Baker, Jr.
Mr. William H. Bingham, Sr.
Mr. William B. Hewitt
Dr. Paula E. Orr
Dr. Thomas C. Rowland, Jr.
Thomas L. Stephenson, Esquire
Dr. Charles B. Thomas, Jr.
Dr. James E. Wiseman, Jr.
Dr. Raymond S. Greenberg

Mr. John Barilich
Ms. Susan H. Barnhart
Dr. Jack Feussner
Ms. Susan Haskill
Mr. Mike Keels
Ms. Lisa Montgomery
Dr. Jerry Reves
Ms. Janet Scarborough
Mr. Patrick Wamsley

Mr. Schulze called the meeting to order.

REGULAR Items

Item 18 Financial Status Report of the Medical University of South Carolina

Mr. Patrick Wamsley presented the financial status of the University as of August 31. Operating cash was \$68.4 million representing 58 days of cash on hand. The Statement of Revenues, Expenses, and Changes in Net Assets reflected a bottom line of \$1.238 million. He reported transfer from UMA of \$2.3 million. The current funds bottom line shows a positive \$376,000 budget variance. The University financial situation remains stable.

Mr. Wamsley also reported that the Consolidated Annual Financial Report (CAFR) had been sent to the Controller General's office on time and the results will be reported to the Board at the December meeting.

Recommendation of Committee: That this report be received as information.

Item 19 Financial Status Report of University Medical Associates

Mr. Mike Keels provided a financial update on UMA reporting a bottom line of \$3.2 million. Net clinical service revenues continue to grow showing about a 17% increase. Departmental expenditures follow the trend of revenues. The New Initiative Expenses mainly reflect the North Area clinical expenditures.

With regard to Carolina Family Care, Children's Medical Associates left CFC so income is reduced from last year. A \$1.7 million net increase for CFC is anticipated this year.

Recommendation of Committee: That this report be received as information.

Item 20 Financial Status Report of the MUSC Foundation for Research Development

Ms. Janet Scarborough reported the activities for the first quarter of Fiscal Year 2008 were relatively slow as is normal due to the past fiscal year end accruals. Subsequent to the preparation of the August 31 statements, a license agreement was executed resulting in an initial license fee payment to the Foundation of \$125,000. As of September 30, the Foundation's Net Assets have increased by \$28,000 for the fiscal year.

Recommendation of Committee: That this report be received as information

Item 21 **Other Committee Business**

CONSENT AGENDA

None

There being no further business, the meeting was adjourned.

**Medical University of South Carolina
Physical Facilities Committee
October 11, 2007
Minutes**

Attendees:

Mr. William H. Bingham, Sr., Chair
Dr. Stanley C. Baker, Jr.
Mr. Melvyn Berlinsky
Dr. Cotesworth P. Fishburne, Jr.
Mr. William B. Hewitt
Dr. E. Conyers O'Bryan, Jr.
Dr. Paula Orr
Mr. Charles W. Schulze
Thomas L. Stephenson, Esquire
The Honorable Robin M. Tallon
Dr. Charles B. Thomas, Jr.
Dr. James E. Wiseman, Jr.
Mr. Hugh B. Faulkner, III
Dr. Raymond S. Greenberg

Mr. John Barilich
Ms. Susan Barnhart
Mr. John Cooper
Ms. Annette Drachman
Dr. Jack Feussner
Mr. Dennis Frazier
Mr. Mike Keels
Ms. Lisa Montgomery
Ms. Jennifer Pearce
Dr. John Raymond
Dr. Jerry Reves
Mr. Stuart Smith
Ms. Lisa Tuorto
Mr. Patrick Wamsley

Mr. Bingham called the meeting to order.

REGULAR Items

Item 22. Facilities Procurements/Contracts Proposed

Mr. John Malmrose presented the following for approval:

- Two Lease Amendments for space in Roper Medical Office Building at 125 Doughty Street to house the Clinical and Translational Service Award Program Headquarters and Coordinating Center. Total cost of the 5 year leases: \$852,885.00 and \$528,536.25.
- Establish project for Bioengineering Building: \$55 million plus calculated inflation for anticipated completion in 2012.
- Project Scope Change and Budget Increase for the Drug Discovery Building: Total revised budget of \$58 million plus calculated inflation for anticipated completion in 2010.
- College of Dental Medicine Budget Increase of \$10 million. Total revised budget \$61 million.
- Project scope change/budget decrease for Pharmacology/microbiology renovations. Total revised budget: \$8 million.
- Project scope change and budget increase for Clinical Sciences Building Air Handlers. Total revised budget: \$1,025,000.
- Budget Increase for Psychiatric Institute 2nd Floor Renovation. Total revised budget: \$900,000.

There was a discussion of the fact that it is difficult to anticipate the actual construction costs of projects prior to the design being completed and also to factor in inflation costs when the construction is actually begun. Dr. Greenberg proposed to add approximately 20% to the cost of the projects in order to anticipate the actual cost of the projects. Ms. Montgomery said she will work on a formula to take into consideration inflation and actual costs after design work has been done and return her findings to the committee.

Recommendation of Committee: That the procurements/contracts be approved.

Item 23. Update on Projects

Mr. Malmrose provided updates on various University projects.

Recommendation of Committee: That the report be received as information.

Item 24. Other Committee Business

Mr. Malmrose reported that Mr. Bingham and Mr. Berlinsky had interviewed firms to provide mechanical engineering IDC services to the University. Firms selected were:

- MECA
- RMF
- BGA

Recommendation of Committee: That this report be received as information.

CONSENT Items for Information:

Item 25 Facilities Contracts Awarded

The facilities contracts since the last board meeting were presented for information.

Recommendation of Committee: That this report be received as information.

With no further business, the meeting was adjourned.

**FACILITIES
ACADEMIC
LEASE AMENDMENTS
FOR APPROVAL**

OCTOBER 12, 2007

DESCRIPTION OF LEASE AMENDMENTS: These two lease amendments for space in the Roper Medical Office Building at 125 Doughty Street are necessary to house the Clinical and Translational Service Award (CTSA) Program Headquarters and Coordinating Center for the Medical University. An additional 4,211 square feet of office space consisting of Suites 100 and 170 is being requested. This space is needed to obtain and support a \$6 million NIH grant for Dr. Kathleen Brady's CTSA Program. The new space will require renovation at an estimated cost of \$117,798.00 of which \$57,281.00 will be paid by Roper MOB, LLC. The two current leases for Suites 120, 140, and 190 will need to be extended to 2012, with the cost per square foot adjusted to \$24.75.

NEW LEASE AGREEMENT _____
RENEWAL LEASE AGREEMENT _____
LEASE AMENDMENTS X

LANDLORD: Roper MOB, LLC

LANDLORD CONTACT: Lauren Jordan, Leasing Agent, 722-3003

DEPARTMENT NAME AND CONTACT: Psychiatry and Behavioral Sciences, Dr.
Kathleen Brady, Principal Investigator, 792-5205

SOURCE OF FUNDS: College of Medicine Dean's Office, Provost and Psychiatry &
Behavioral Services

LEASE TERMS:

SUITES: 120,140 and 100,170
RENEWAL TERM: Five (5) years
TOTAL SQUARE FEET: 6,892
COST PER SQUARE FOOT: \$24.75
ANNUALIZED RENT COST: \$170,577.00
TOTAL COST OF LEASE: \$852,885.00

SUITE: 190
RENEWAL TERM: Five (5) years
TOTAL SQUARE FEET: 4,271
COST PER SQUARE FOOT: \$24.75
ANNUALIZED RENT COST: \$105,707.25
TOTAL COST OF LEASE: \$528,536.25

EXTENDED TERM(S): To be negotiated.

OPERATING COSTS:

FULL SERVICE X
NET _____

FACILITIES
ACADEMIC/RESEARCH
ESTABLISH PROJECT
FOR APPROVAL

October 12, 2007

PROJECT TITLE: Bioengineering Building

PROJECT NUMBER: To Be Determined

TOTAL ESTIMATED BUDGET: \$ 55 million

SOURCE(S) OF FUNDS: Life Sciences Act Funds; Federal Grant (NIST); External Federal Grant Funds for Equipment; and Private Gifts

JUSTIFICATION: This is the approved conceptual Life Sciences Act building that is scheduled to house Bioengineering, Regenerative Medicine, and Cancer Genomics science. It will serve as a platform for interdisciplinary research and for unprecedented cooperation and collaboration among the State's three senior research universities. The Medical University, Clemson University, and the University of South Carolina – Columbia (USC) have all committed to sharing faculty, research projects, and students in this 100,000 gross square foot facility. We expect this building to augment the successful Clemson-MUSC Bioengineering program and serve as a focal point for collaborations between the USC School of Public Health and the MUSC Department of Biostatistics, Bioinformatics, and Epidemiology.

The Bioengineering Building will be constructed in the campus G Lot, at the corner of President, Doughty, and Jonathan Lucas Streets, and will be situated slightly southwest of the new Drug Discovery Building. Both buildings will be physically connected via first floor atrium space, and will share lab animal and loading dock functions.

FACILITIES
ACADEMIC/RESEARCH
PROJECT SCOPE CHANGE/BUDGET INCREASE
FOR APPROVAL
October 12, 2007

PROJECT TITLE: Drug Discovery Building

PROJECT NUMBER: 9773

CURRENT APPROVED BUDGET: \$ 55 million

REQUESTED INCREASE: \$ 3 million

TOTAL REVISED BUDGET: \$ 58 million

SOURCE(S) OF FUNDS: Life Sciences Act Funds; Federal Grant (NIST); External Federal Grant Funds for Equipment; and Private Gifts

JUSTIFICATION: This building is nearing design completion. We have received two of three City Board of Architectural Review (BAR) approvals but their requirements have added to the cost and scope of the project. Additionally, the overall building area has increased to 113,000 gross square feet, and the cost of construction continues to escalate.

For the past several months, we have been identifying opportunities to reduce costs without significantly sacrificing building quality. We have arrived at a successful balance between cost-cutting initiatives and BAR requirements. The cost estimate for design construction, construction contingency, fixed equipment, and other soft costs now totals \$58 million.

Additional non-fixed equipment and other miscellaneous expenses will be addressed outside of the project as needed.

FACILITIES
ACADEMIC/RESEARCH
BUDGET INCREASE
FOR APPROVAL
October 12, 2007

PROJECT TITLE: College of Dental Medicine Building Construction

PROJECT NUMBER: 9732

CURRENT APPROVED BUDGET: \$ 51,000,000

REQUESTED INCREASE: \$ 10,000,000

TOTAL REVISED BUDGET: \$ 61,000,000

SOURCE(S) OF FUNDS: State Institution Bonds; State Capital Improvement Bonds; Other State Funds; and Private Gifts

JUSTIFICATION: The current project budget was approved by the Board in August 2006. The building is under construction with completion slated for August 2008. This increase is necessary to address the difference between pre-bid estimates for construction and equipment, and actual costs.

The low bid for construction was \$8M more than the pre-bid estimate, but still within the overall project budget. That meant that in order to move forward with construction, we had to commit the full \$8M set aside for equipment within the overall budget for construction.

The most recent quotes for equipment total \$10M. This equipment will be purchased with private donations. Although we thought the equipment could be purchased outside the project, State regulations require us to include the cost of this equipment within the overall budget.

The following is a summary of the funding sources and how they will be allocated:

Funding Sources	<u>Current</u>	<u>Additional</u>	Funding Allocations	<u>Construction</u>	<u>Equipment</u>
Bond Anticipation Notes	\$30,000,000		Bond Anticipation Notes	\$30,000,000	
Capital Improvement Bonds	\$6,300,000		Capital Improvement Bonds	\$6,300,000	
MUSC Foundation	\$7,700,000	\$2,500,000	MUSC Foundation	\$200,000	\$10,000,000
Other State Funds	<u>\$7,000,000</u>	<u>\$7,500,000</u>	Other State Funds	<u>\$14,500,000</u>	
Totals:	\$51,000,000	\$10,000,000	Totals:	\$51,000,000	\$10,000,000

FACILITIES

ACADEMIC/RESEARCH

**PROJECT SCOPE CHANGE/BUDGET DECREASE/NAME CHANGE/FUNDS
SOURCE CHANGE**

FOR APPROVAL

October 12, 2007

CURRENT PROJECT TITLE: Pharmacology/Microbiology Renovations

PROPOSED PROJECT TITLE: Pharmacology Renovations

PROJECT NUMBER: 9773

CURRENT APPROVED BUDGET: \$ 19,671,822

REQUESTED DECREASE: \$ 11,671,822

TOTAL REVISED BUDGET: \$ 8 million

SOURCE(S) OF FUNDS: College of Medicine

JUSTIFICATION: The project scope is being reduced to include only Pharmacology renovations on the third floor of the Basic Science Building. These renovations are underway and the budget needed to complete this reduced scope of work is \$8 million. The balance of the funding necessary to accomplish the Microbiology renovations planned for the 2nd floor in Basic Science, and the small animal imaging facility in the Hollings Cancer Center 4th floor, was dependent upon Federal grant funding and a Life Sciences Act match. The Federal grant request was not successful and therefore the matching funds cannot be assigned. The small animal imaging facility was included as part of the Hollings Cancer Center project.

FACILITIES

ACADEMIC/RESEARCH

PROJECT SCOPE CHANGE/BUDGET INCREASE/NAME CHANGE

FOR APPROVAL

October 12, 2007

CURRENT PROJECT TITLE: Clinical Sciences Building Air Handlers #5 & #6 Replacement

PROPOSED PROJECT TITLE: Clinical Sciences Building Air Handler #5 Replacement

PROJECT NUMBER: 9781

CURRENT APPROVED BUDGET: \$800,000

REQUESTED INCREASE: \$225,000

TOTAL REVISED BUDGET: \$1,025,000

SOURCE(S) OF FUNDS: Excess Debt Service and University Generated Revenue

JUSTIFICATION: The Board approved the current project budget to replace these air handlers, servicing floors 8 and 9 in the Clinical Sciences Building, with a single unit with an expected life of 30 years. Both of these units are past their service life and are continual maintenance problems.

A total of four bids were received, all within 3% of one another. The lowest bid is \$225,000 above the current approved budget and will cover the cost of replacing air handler #5. We will establish a project for next fiscal year to replace air handler #6.

FACILITIES
ACADEMIC/RESEARCH
BUDGET INCREASE
FOR APPROVAL
October 12, 2007

PROJECT TITLE: Psychiatric Institute 2nd Floor Renovation

PROJECT NUMBER: To Be Determined

CURRENT APPROVED BUDGET: \$ 500,000

REQUESTED INCREASE: \$ 400,000

TOTAL REVISED BUDGET: \$ 900,000

SOURCE(S) OF FUNDS: College of Medicine Indirect Cost Funds

JUSTIFICATION: This project involves the renovation of approximately 9,000 gross square feet on the 2nd floor of the Psychiatric Institute for the National Crime Victims Center (NCVC). This Center is being relocated from the Bank Building, which is planned for demolition in the near future. The College of Medicine allocated \$500,000 as a placeholder for this project, initially approved in August as part of the FY08 Capital Budget. Since then, we have engaged an architect to further develop a scope of work and cost estimate. The construction costs take into account the lack of a “lay down” area for equipment and materials. The scope will entail the interior walls and ceilings being gutted and reconstructed in certain areas for better sound and compliance with patient confidentiality issues. The space will be reconfigured to support the NCVC’s patient and programmatic needs, with two large conference rooms, and waiting space for both adults and children. Minor revisions, entailing hot water heating, to the existing HVAC system are included. A central core area that includes restrooms, stairwells, elevators, mechanical chases, and storage totaling approximately 1,600 gross square feet will remain intact.