

**MINUTES**  
**MEDICAL UNIVERSITY OF SOUTH CAROLINA**  
**BOARD OF TRUSTEES MEETING**  
**April 8, 2011**

The Board of Trustees of the Medical University of South Carolina convened Friday, April 8, 2011, with the following members present: Thomas L. Stephenson, Esquire, Chairman; Dr. James E. Wiseman, Jr., 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 M. Tallon and Dr. Charles B. Thomas, Jr. Emeritus; Mrs. Claudia W. Peeples; Mr. Allan E. Stalvey.

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

The following deans were present: Dr. Jack Sanders, College of Dental Medicine; Dr. Lisa Saladin, College of Health Professions; Dr. Etta Pisano, College of Medicine; Dr. Philip Hall, College of Pharmacy; Dr. Gail Stuart, College of Nursing.

**Item 1. Call to Order-Roll Call.**

There being a quorum present, Chairman Stephenson 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 Thursday, May 19, 2011.

**Item 3. Approval of Minutes of the Regular Meeting of the Medical University of South Carolina Board of Trustees of February 11, 2011.**

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 a copy of his activities since the last Board meeting.

Dr. Greenberg called on Dr. Phil Costello to introduce Dr. Joe Helpern. Dr. Helpern joined us from NYU where he served as Vice Chair of Research. He graduated from Case Western with a B.A. in Chemistry; from UNC Chapel Hill with an M.A. in Chemistry and from Oakland University with a PhD in Medical Physics. His

background for the past 25 years in the realm of MR research and development. He is the Vice Chair of Radiology Research for the Department of Radiology and Radiological Science. He holds the Endowed Chair for the Brain Imaging Center of Economic Excellence for the SC Center of Economic Excellence (COEE).

Dr. Helpern discussed his work with brain imaging and his plans to establish a leading imaging center in South Carolina.

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

Board Action: Received as information.

**Item 5. 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 6. General Report of the Associate Provost for Research.**

Statement: Dr. Fishburne reported that FY 2011 research awards through March 31 were down slightly from the previous year due to lack of stimulus funding. It is anticipated that total extramural research funds for FY 11 will be in the range of \$210 to \$225 million.

The Committee also received a presentation from Dr. Charles Smith on how to inhibit the blood supply to cancerous tumors.

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 7. General Report of the Vice President for Development.**

Statement: Dr. Fishburne said Jim Fisher reported that the pledge payments are outpacing the payments from last by 26%.

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 8. General Report of the CEO of the MUSC Foundation.**

Statement: Dr. Fishburne said Mr. Tom Anderson had reported to committee total assets increased by \$55.2 million or 16.6% to a record \$387 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 9. General Report of the Executive Director of the MUSC Foundation for Research Development.**

Statement: Dr. Fishburne stated Mr. Chip Hood reported to committee that the Foundation had more patents and licenses than in previous years.

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 10. Other Business.** None.

**Item 11. MOU – MUSC and the Ralph H. Johnson VA Medical Center.**

Statement: The Memorandum of Understanding between MUSC and the Ralph H. Johnson VA Medical Center for sharing of space for VAMC Rehabilitation Research was presented for information

Recommendation of Administration: That the MOU should be received as information.

Recommendation of Committee: That the MOU should 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 12. General Report of the Vice President for Academic Affairs and Provost.**

Statement: Mr. Berlinsky stated the following report had been presented to the committee:

Student Update:

Mr. Tyler Pierce introduced Ms. Carol Brown, Pharmacy student, as the newly elected President of the Student Government Association. Tyler thanked the committee for their support over the past year. Ms. Brown was welcomed by the committee.

College of Medicine Update:

Dr. Paul Underwood gave a brief overview of the College's 2010-2011 Admissions data. He reported in-state/out-of-state applicant statistics, and underrepresented minority statistics. He provided a thorough description of selection criteria and the interview process. There were 152 in-state applicants and 24 out-of-state applicants accepted for 2011, with an average GPA of 3.71 and an average MCAT of 31. There was some discussion regarding the ranking formula in the selection process.

Dr. Underwood was recognized for his excellent work as Chair of the College of Medicine Admissions Committee, and his diligence in mentoring applicants who have been rejected in order to help make improvements for the following year. Ms. Wanda Taylor also was complimented on her stellar work with the admissions program.

James B. Edwards College of Dental Medicine

Dr. Jack Sanders gave a brief summation of the College's 2011 admissions data, reporting on the number of applicants, diversity statistics, CUM and Science GPA Averages, and DAT Scores. The College accepted 54 in-state and 16 out-of-state applicants, for a total of 70 DMD students admitted. He briefly touched on the Admissions Committee and the interview process. There was some discussion regarding in-state and out-of-state tuition revenues.

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

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

Board Action: Report received as information.

**Item 13. Appointment of the Vice President for Academic Affairs and Provost.**

Statement: Administration presented for approval the appointment of Mark S. Sothmann, Ph.D., as Vice President for Academic Affairs and Provost, effective April 8, 2011.

Recommendation of Administration: That the appointment of Mark S. Sothmann, Ph.D., as Vice President for Academic Affairs and Provost be approved.

Recommendation of Committee: That the appointment of Mark S. Sothmann, Ph.D., as Vice President for Academic Affairs and Provost be approved.

Board Action: A motion was made, seconded and unanimously voted to approve the appointment of Mark S. Sothmann, Ph.D. as Vice President for Academic Affairs and Provost.

**Item 14. Proposed Changes in Academic Charges and Fees**

Statement: At the request of the Deans of the Colleges of Dental Medicine, Graduate Studies, Health Professions, Medicine, Nursing and the South Carolina College of Pharmacy, administration presented for approval proposed changes in academic charges and fees, effective Fall Semester 2011.

Recommendation of Administration: That the proposed changes in Academic Charges and Fees be approved.

Recommendation of Committee: That the proposed changes in Academic Charges and Fees be approved.

Board Action: A motion was made, seconded and unanimously voted to approve the changes in Academic Charges and Fees.

**Item 15. General Report of the Vice President for Medical Affairs.**

Statement: Dr. Etta Pisano updated the Committee on the 2011 National Resident Match Program, to include match locations in the US, percentage matching in South Carolina, matches at top programs, and primary care statistics.

Dr. Pisano reported that Continuing Medical Education received notification of their first six-year accreditation with commendation from the ACCME.

Dr. Craig Crosson will be joining the Dean's Office as Senior Associate Dean for Research and will be working on the college's bridge funding program and a new research strategic plan. Dr. Bob Marriott joined the Dean's Office as Associate Dean for Administration and Planning, working toward implementing a new space management process for the college. Huron will be working with the college to help identify ways to create greater efficiencies across the research enterprise, working with a committee chaired by Dr. Yusuf Hannun to develop a plan for implementation in January 2012. Dr. Gary Gilkeson will serve as the new Associate Dean for Faculty Affairs and Faculty Development.

Copies of each presentation were distributed to the Committee.

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

Recommendation of Committee: Report be received as information.

Board Action: Received as information.

**Item 16. Other Committee Business.** None

**Item 17. Addition of Information Systems and Leadership Track to the DHA Program.**

Statement: At the request of the Dean of the College of Health Professions, administration present for approval the addition of an Information Systems and Leadership Track to the DHA Program, effective April 8, 2011.

Recommendation of Administration: That the addition of an Information Systems and Leadership track to the DHA Program be approved.

Recommendation of Committee: That the addition of an Information Systems and Leadership track to the DHA Program be approved.

Board Action: A motion was made, seconded and unanimously voted to approve the addition of an Information Systems and Leadership track to the DHA program.

**Item 18. Faculty Promotions.**

Statement: At the request of the deans of the Colleges of Dental Medicine, Health Professions, Medicine, Nursing, the South Carolina College of Pharmacy, and the chair of the Department of Library Science and Informatics, administration presented for approval the following faculty promotions, effective July 1, 2011:

College of Dental Medicine

From Assistant Professor to Associate Professor

**Joe W. Kraye, D.D.S.**, Department of Stomatology

College of Health Professions

From Assistant Professor to Associate Professor: Academic Educator track

**Abby Swanson Kazley, Ph.D.**, Department of Health Professions, Division of Health Administration

from Associate Professor to Professor: Academic Researcher (tenure track)

**Michael E. Saladin, Ph.D.**, Department of Health Sciences and Research

From Associate Professor to Professor: Academic Educator track

**David C. Morrisette, Ph.D.**, Department of Health Professions, Division of Physical Therapy

**James S. Zoller, Ph.D.**, Department of Health Sciences and Research

Department of Library Science and Informatics  
from Assistant Professor to Associate Professor

**Jennifer G. Schnellmann, Ph.D.**, Department of Library Science and Informatics  
**Lisa K. Kerr, Ph.D.**, Department of Library Science and Informatics

College of Medicine

from Associate Professor to Professor: Academic Investigator Track (with tenure)

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

From Associate Professor to Professor: Clinician Educator Track (with tenure)

**Langdon A. Hartsock, M.D.**, Department of Orthopaedic Surgery  
**Lisa L. Steed, Ph.D.**, Department of Pathology and Laboratory Medicine: dual appointment in the Department of Medicine, Division of Infectious Disease  
**Cynthia A. Welsh, M.D.**, Department of Pathology and Laboratory Medicine; dual appointment in the Department of Neurosciences, Division of Neurological Surgery

From Associate Professor to Professor: Clinician Educator Track (without tenure)

**Walter (Jay) A. Brzezinski, M.D.**, Department of Medicine, Division of General Internal Medicine  
**Pamela S. Chavis, M.D.**, Department of Ophthalmology; dual appointment in the Department of Neurosciences, Division of Neurology  
**Jonathan C. Edwards, M.D.**, Department of Neurosciences, Division of Neurology  
**Bruce M. Frankel, M.D.**, Department of Neurosciences, Division of Neurological Surgery; dual appointment in the Department of Radiation Oncology  
**Shakaib U. Rehman, M.B.B.S.**, Department of Medicine, Division of General Internal Medicine  
**Joseph Romagnuolo, M.D.**, Department of Medicine, Division of Gastroenterology  
**Adrian B. VanBakel, M.D., Ph.D.**, Department of Medicine, Division of Cardiology  
**Mark T. Wagner, Ph.D.**, Department of Neurosciences, Division of Neurology

From Adjunct Associate Professor to Adjunct Professor

**William R. Barfield, Ph.D.**, Department of Orthopaedic Surgery

From Assistant Professor to Associate Professor: Academic Investigator track

**Amy D. Bradshaw, Ph.D.**, Department of Medicine, Division of Cardiology; dual appointment in the Department of Regenerative Medicine and Cell Biology; joint appointment in the College of Dental Medicine, Department of Craniofacial Biology  
**Christina Voelkel Johnson, Ph.D.**, Department of Microbiology and Immunology  
**Masahiro Kono, Ph.C.**, Department of Ophthalmology  
**Amanda C. LaRue, Ph.D.**, Department of Pathology and Laboratory Medicine  
**Xian-Kui (John) Zhang, D.V.M., Ph.D.**, Department of Medicine, Division of Rheumatology and Immunology

From Assistant Professor to Associate Professor: Academic Clinician track

**Dipankar Bandyopadhyaya, Ph.D.**, Department of Medicine, Division of

Biostatistics and Epidemiology: dual appointment in the Department of Regenerative Medicine and Cell Biology; joint appointment in the College of Dental Medicine, Department of Craniofacial Biology

**Jonathan J. Halford, M.D.**, Department of Neurosciences, Division of Neurology:

Dual appointment in the Department of Psychiatry and Behavioral Sciences

**Kelly J. Hunt, Ph.D.**, Department of Medicine, Division of Biostatistics and Epidemiology

**Diane M. Kamen, M.D., M.S.C.R.**, Department of Medicine, Division of Rheumatology

*From Assistant Professor to Associate Professor: Clinician Educator track*

**Patrick J. Cawley, M.D., M.B.A.**, Department of Medicine, Division of General Internal Medicine

**Dee W. Ford, M.D., M.S.C.R.**, Department of Medicine, Division of Pulmonary & Critical Care Medicine

**John R. Freedy, M.D., Ph.D.**, Department of Family Medicine

**Christopher Lawrence, M.D.**, Department of Medicine, Division of Gastroenterology

**Ellen C. Riemer, M.D., J.D.**, Department of Pathology and Laboratory Medicine

**Megan Baker Ruppel, M.D.**, Department of Surgery, Division of General Surgery

**Maria V. Spampinato, M.D.**, Department of Radiology and Radiological Science

**David E. Stickler, M.D.**, Department of Neurosciences, Division of Neurology

**Scott A. Sullivan, M.D.**, Department of Obstetrics and Gynecology

**Abhay K. Varma, M.B.B.S.**, Department of Neurosciences, Division of Neurological Surgery

**Juan Carlos Velez, M.D.**, Department of Medicine, Division of Nephrology

**Dannah W. Wray, M.D.**, Department of Medicine, Division of Infectious Disease: dual appointment in the Department of Pediatrics, Division of Infectious Disease

**Yusheng Zhu, Ph.D.**, Department of Pathology and Laboratory Medicine

*From Research Assistant Professor to Research Associate Professor*

**Yi-Te Hsu, Ph.D.**, Department of Biochemistry and Molecular Biology

*From Clinical Assistant Professor to Clinical Associate Professor*

**Anne S. Abel, M.D.**, Department of Pediatrics, Division of Violence Intervention Prevention

**Haytham Dismashkieh, M.D.**, Department of Pathology and Laboratory Medicine

**Mark W. Wagner, M.D.**, Department of Psychiatry and Behavioral Sciences

College of Nursing

*From Assistant Professor to Associate Professor: Educator Researcher track*

**Gayenell S. Magwood, Ph.D., R.N.**, Department of Nursing

**Martina Mueller, Ph.D.**, Department of Nursing

*From Assistant Professor to Associate Professor: Educator Clinician track*

**Nancy D. Duffy, D.N.P., R.N., C.E.N., C.N.E.**, Department of Nursing

**Sheila O. Smith, Ph.D., R.N., F.A.C.C.E.**, Department of Nursing



**Deborah C. Williamson, D.H.A., M.S.N., C.N.M, R.N.**, Department of Nursing

*From Associate Professor to Professor: Educator Researcher Track*

**Jeannette O. Andrews, Ph.D., R.N., F.N.P., F.A.A.N.**, Department of Nursing

South Carolina College of Pharmacy

*from Assistant Professor to Associate Professor (tenure track)*

**Sarah P. Shrader, Pharm.D.**, Department of Clinical Pharmacy and Outcome Sciences

*from Associate Professor to Professor*

**Kelly R. Ragucci, Pharm.D.**, Department of Clinical Pharmacy and Outcome Sciences

Recommendation of Administration: That these faculty promotions be approved.

Recommendation of Committee: That these faculty promotions be approved.

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

#### **Item 19. Faculty Appointments.**

Statement: At the request of the Deans of the Colleges of Health Professions and Medicine, administration presented the following faculty appointments:

*College of Health Professions*

**William G. Boissonault, DHSc**, as Adjunct Associate Professor in the Department of Health Professions, Division of Physical therapy, effective January 1, 2011

*College of Medicine*

**Rita Marie Ryan, M.D.**, (dual appointment) as Professor with tenure on the Academic Clinician track, in the Department of Pediatrics, Division of Neonatology, with a dual appointment as Professor in the Department of Pathology and Laboratory Medicine, effective July 1, 2011.

Dr. Ryan's primary appointment will rest in the Department of Pediatrics. She will also serve as Chair of the Department of Pediatrics.

**Priyattam J. Shiromani, Ph.D.**, as Professor with tenure on the Academic Investigator track, in the Department of Psychiatry and Behavioral Sciences, effective January 4, 2011

**Frank A. Treiber, Ph.D.**, (joint appointment) as Professor in the Department of Psychiatry and Behavioral Sciences, effective March 1, 2011. Dr. Treiber's primary appointment rests in the College of Nursing.

Recommendation of Administration: That these faculty appointments be approved.

Recommendation of Committee: That these faculty appointments be approved.

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

**Item 20. Changes in Faculty Status.**

Statement: At the request of the Deans of the College of Dental Medicine and the College of Medicine, administration presented the following change in Faculty status:

**Corey H. Mjaavedt, Ph.D.**, from Research Associate Professor to Associate Professor on the Academic Investigator track, in the Department of Regenerative Medicine and Cell Biology, effective December 1, 2010

Recommendation of Administration: That this change in faculty status be approved.

Recommendation of Committee: That this change in faculty status be approved.

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

**Item 21. Endowed Professorships.**

Statement: At the request of the Dean of the College of Medicine, administration presented the following requests for endowed professorships, effective April 8, 2011

**Eric R. Powers, M.D.**, Professor of Medicine, Division of Cardiology, as the Dr. Peter C. Gazes Endowed Chair in Clinical Cardiology

**Jane M. Charles, M.D.**, Associate Professor of Pediatrics, as the Jeffrey Edwin Gilliam Memorial Chair for the Study of Developmental Disabilities

Recommendation of Administration: That the appointments of Dr. Eric Powers to the Dr. Peter C. Gazes Endowed Chair in Clinical Cardiology and Dr. Jane Charles to the Jeffrey Edwin Gilliam Memorial Chair for the Study of Developmental Disabilities be approved.

Recommendation of Committee: That the appointments of Dr. Eric Powers to the Dr. Peter C. Gazes Endowed Chair in Clinical Cardiology and Dr. Jane Charles to the Jeffrey Edwin Gilliam Memorial Chair for the Study of Developmental Disabilities be approved.

Board Action: A motion was made, seconded and unanimously voted to approve the appointments of Dr. Eric Powers to the Dr. Peter C. Gazes Endowed Chair in Clinical Cardiology and Dr. Jane Charles to the Jeffrey Edwin Gilliam Memorial Chair for the Study of Developmental Disabilities.

**Item 22. Post-Tenure Review Approvals.**

Statement: At the request of the Deans of the Colleges of Medicine and Nursing,

administration presented as information the following faculty members who have received post-tenure review approvals, effective April 8, 2011.

College of Medicine

**Marcy B. Bolster, M.D.**, Professor, Department of Medicine, Division of Rheumatology

**Philip Costello, M.D.**, Professor and Chair, Department of Radiology and Radiological Science

**Donna D. Johnson, M.D.**, Professor, Department of Obstetrics and Gynecology

**Dana E. King, M.D.**, Professor, Department of Family Medicine

**Andrew S. Kraft, M.D.**, Professor, Department of Medicine, Division of Hematology/Oncology

**Yuko Y. Palesch, Ph.D.**, Professor, Department of Medicine, Division of Biostatistics and Epidemiology

**Paul B. Pritchard, M.D.**, Professor, Department of Neurosciences, Division of Neurology

**Sakamuri V. Reddy, Ph.D.**, Professor, Department of Pediatrics, Division of Pediatric Endocrinology

**Elizabeth H. Slate, Ph.D.**, Professor, Department of Medicine, Division of Biostatistics and Epidemiology

**Steven E. Swift, M.D.**, Professor, Department of Obstetrics and Gynecology

**Kenneth D. Tew, Ph.D., D.Sc.**, Professor and Chair, Department of Cell and Molecular Pharmacology and Experimental Therapeutics

**Jeffrey G. Wong, M.D.**, Professor, Department of Medicine, Division of General Internal Medicine

College of Nursing

**Elaine Amella, Ph.D., GNP-BC, FAAN**, Professor, Department of Nursing

**Marilyn P. Laken, Ph.D., R.N.**, Professor, Department of Nursing

Recommendation of Administration: That these post-tenure review approvals be received as information.

Recommendation of Committee: That these post-tenure review approvals be received as information.

Board Action: Received as information.

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

**OLD BUSINESS:** None.

**NEW BUSINESS:**

**Item 23. Financial Status Report of the Medical University of South Carolina.**

Statement: Mr. Schulze stated Mr. Wamsley presented a report to the committee on the finances of the University. The University finances are on budget.

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. Financial Status Report of University Medical Associates.**

Statement: Mr. Schulze said Mr. Mike Keels had presented information on the financial status of UMA 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 25. Financial Status Report of the MUSC Foundation for Research Development.**

Statement: A report was given by Ms. Michelle Garbiras to the committee on the MUSC Foundation for Research Development.

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 26. Other Committee Business.**

Statement: Mr. Schulze stated the Committee recommended to the Board that the operating budget of the Medical University of South Carolina be increased by approximately 3% from \$578.9 million to \$598 million.

Board Action: A motion was made, seconded and unanimously voted to increase the MUSC operating budget from \$578.9 million to \$598 million.

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

**OLD BUSINESS:** None.

**NEW BUSINESS:**

**Item 27. Procurements/Contracts for Approval.**

Statement: Mr. Bingham presented the following for approval:

- Budget Adjustment for the Replacement of Harborview Office Tower Building Fire Alarm System. Total revised budget: \$440,000.
- Lease Renewal for 4,800 square feet of space including 1.4 acres located at 1786 Anthony Street. Renewal term three years with extended terms of two years for a total five year cost of \$553,906.

Recommendation of Administration: That these procurements/contracts be approved.

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

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

**Item 28. Update on Projects.**

Statement: Mr. Bingham stated that Mr. Malmrose had given an update on various university projects.

Recommendation of Administration: That this be received as information.

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

Board Action: The report was received as information.

**Item 29. Other Committee Business.** None.

**Item 30. Facilities Contracts Awarded.**

Statement: The facilities contracts awarded since the last meeting were presented for information.

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.

**MEDICAL UNIVERSITY OF SOUTH CAROLINA AUDIT COMMITTEE. CHAIRMAN: MR. WILLIAM B. HEWITT (Detailed committee minutes are attached to these minutes).**

**OLD BUSINESS:** None.

**NEW BUSINESS:**

**Item 31. Confidential Hotline Update.**

Statement: Mr. Hewitt stated Ms. Reece Smith provided an update to the committee on the Confidential Hotline including a discussion of the vendor; promotion of the Hotline and procedures and resulting statistics of the Hotline.

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 32. Report of Internal Auditor.**

Statement: Mr. Hewitt stated a report had been provided to committee by Ms. Susan Barnhart, the Director of Internal Audit.

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 33. MUSC Code of Conduct.**

Statement: Mr. Hewitt stated a Ms. Barnhart had briefly discussed the Code of Conduct with the Committee. The Code establishes guidelines for professional conduct for all employees.

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 34. Draft Audit Committee Evaluation Form.**

Statement: Mr. Hewitt stated a draft of the Audit Committee Self-Assessment form was distributed for review and input.

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 35. Other Committee Business.**

**OTHER BUSINESS FOR THE BOARD OF TRUSTEES:**

**Item 36. 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 37. New Business for the Board of Trustees.**

**Item 38. Report from the Chairman.**

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

Respectfully submitted,



Hugh B. Faulkner III  
Secretary

/wcj  
Attachments

## **EDUCATION, FACULTY AND STUDENT AFFAIRS COMMITTEE. CHAIRMAN: MR. MELVYN BERLINSKY**

### Item 12. General Report of the Vice President for Academic Affairs

#### Student Update:

Mr. Tyler Pierce introduced Ms. Carol Brown, Pharmacy student, as the newly elected President of the Student Government Association. Tyler thanked the committee for their support over the past year. Ms. Brown was welcomed by the committee.

#### College of Medicine Update:

Dr. Paul Underwood gave a brief overview of the College's 2010-2011 Admissions data. He reported in-state/out-of-state applicant statistics, and underrepresented minority statistics. He provided a thorough description of selection criteria and the interview process. There were 152 in-state applicants and 24 out-of-state applicants accepted for 2011, with an average GPA of 3.71 and an average MCAT of 31. There was some discussion regarding the ranking formula in the selection process.

Dr. Underwood was recognized for his excellent work as Chair of the College of Medicine Admissions Committee, and his diligence in mentoring applicants who have been rejected in order to help make improvements for the following year. Ms. Wanda Taylor also was complimented on her stellar work with the admissions program.

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Copies of each presentation were distributed to the Committee.

#### Regular and Consent Agendas

The Committee approved all items under the Regular and Consent Agendas.



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

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

Board Action:

Item 13. Appointment of the Vice President for Academic Affairs and Provost

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Recommendation of Administration: That the appointment of Mark S. Sothmann, Ph.D., as Vice President for Academic Affairs and Provost be approved.

Recommendation of Committee: That the appointment of Mark S. Sothmann, Ph.D., as Vice President for Academic Affairs and Provost be approved.

Board Action:

Item 14. Proposed Changes in Academic Charges and Fees

Statement: At the request of the Deans of the Colleges of Dental Medicine, Graduate Studies, Health Professions, Medicine, Nursing and the South Carolina College of Pharmacy, administration presented for approval proposed changes in academic charges and fees, effective Fall Semester 2011.

Recommendation of Administration: That the proposed changes in Academic Charges and Fees be approved.

Recommendation of Committee: That the proposed changes in Academic Charges and Fees be approved.

Board Action:

Item 16. Other Committee Business

**EDUCATION, FACULTY AND STUDENT AFFAIRS COMMITTEE. CHAIRMAN: MR. MELVYN BERLINSKY**

April 8, 2011

**CONSENT AGENDA**

Item 17. Addition of Information Systems and Leadership Track to the DHA Program

Statement: At the request of the Dean of the College of Health Professions, administration present for approval the addition of an Information Systems and Leadership Track to the DHA Program, effective April 8, 2011.

Recommendation of Administration: That the addition of an Information Systems and Leadership track to the DHA Program be approved.

Recommendation of Committee: That the addition of an Information Systems and Leadership track to the DHA Program be approved.

Board Action:

Item 18. Faculty Promotions

Statement: At the request of the deans of the Colleges of Dental Medicine, Health Professions, Medicine, Nursing, the South Carolina College of Pharmacy, and the chair of the Department of Library Science and Informatics, administration presented for approval the following faculty promotions, effective July 1, 2011:

College of Dental Medicine

*From Assistant Professor to Associate Professor*

**Joe W. Kraye, D.D.S.**, Department of Stomatology

College of Health Professions

*From Assistant Professor to Associate Professor: Academic Educator track*

**Abby Swanson Kazley, Ph.D.**, Department of Health Professions, Division of Health Administration

*from Associate Professor to Professor: Academic Researcher (tenure track)*

**Michael E. Saladin, Ph.D.**, Department of Health Sciences and Research

*From Associate Professor to Professor: Academic Educator track*

**David C. Morrisette, Ph.D.**, Department of Health Professions, Division of Physical Therapy

**James S. Zoller, Ph.D.**, Department of Health Sciences and Research

Department of Library Science and Informatics

*from Assistant Professor to Associate Professor*

**Jennifer G. Schnellmann, Ph.D.**, Department of Library Science and Informatics

**Lisa K. Kerr, Ph.D.**, Department of Library Science and Informatics

College of Medicine

*from Associate Professor to Professor: Academic Investigator Track (with tenure)*  
**Sammanda Ramamoorthy, Ph.D.**, Department of Neurosciences, Division of Neuroscience Research

*From Associate Professor to Professor: Clinician Educator Track (with tenure)*  
**Langdon A. Hartsock, M.D.**, Department of Orthopaedic Surgery  
**Lisa L. Steed, Ph.D.**, Department of Pathology and Laboratory Medicine: dual appointment in the Department of Medicine, Division of Infectious Disease  
**Cynthia A. Welsh, M.D.**, Department of Pathology and Laboratory Medicine; dual appointment in the Department of Neurosciences, Division of Neurological Surgery

*From Associate Professor to Professor: Clinician Educator Track (without tenure)*  
**Walter (Jay) A. Brzezinski, M.D.**, Department of Medicine, Division of General Internal Medicine  
**Pamela S. Chavis, M.D.**, Department of Ophthalmology; dual appointment in the Department of Neurosciences, Division of Neurology  
**Jonathan C. Edwards, M.D.**, Department of Neurosciences, Division of Neurology  
**Bruce M. Frankel, M.D.**, Department of Neurosciences, Division of Neurological Surgery; dual appointment in the Department of Radiation Oncology  
**Shakaib U. Rehman, M.B.B.S.**, Department of Medicine, Division of General Internal Medicine  
**Joseph Romagnuolo, M.D.**, Department of Medicine, Division of Gastroenterology  
**Adrian B. VanBakel, M.D., Ph.D.**, Department of Medicine, Division of Cardiology  
**Mark T. Wagner, Ph.D.**, Department of Neurosciences, Division of Neurology

*From Adjunct Associate Professor to Adjunct Professor*  
**William R. Barfield, Ph.D.**, Department of Orthopaedic Surgery

*From Assistant Professor to Associate Professor: Academic Investigator track*  
**Amy D. Bradshaw, Ph.D.**, Department of Medicine, Division of Cardiology; dual appointment in the Department of Regenerative Medicine and Cell Biology; joint appointment in the College of Dental Medicine, Department of Craniofacial Biology  
**Christina Voelkel Johnson, Ph.D.**, Department of Microbiology and Immunology  
**Masahiro Kono, Ph.C.**, Department of Ophthalmology  
**Amanda C. LaRue, Ph.D.**, Department of Pathology and Laboratory Medicine  
**Xian-Kui (John) Zhang, D.V.M., Ph.D.**, Department of Medicine, Division of Rheumatology and Immunology

*From Assistant Professor to Associate Professor: Academic Clinician track*  
**Dipankar Bandyopadhyaya, Ph.D.**, Department of Medicine, Division of Biostatistics and Epidemiology: dual appointment in the Department of Regenerative Medicine and Cell Biology; joint appointment in the College of Dental Medicine, Department of Craniofacial Biology  
**Jonathan J. Halford, M.D.**, Department of Neurosciences, Division of Neurology: Dual appointment in the Department of Psychiatry and Behavioral Sciences  
**Kelly J. Hunt, Ph.D.**, Department of Medicine, Division of Biostatistics and Epidemiology  
**Diane M. Kamen, M.D., M.S.C.R.**, Department of Medicine, Division of Rheumatology

*From Assistant Professor to Associate Professor: Clinician Educator track*  
**Patrick J. Cawley, M.D., M.B.A.**, Department of Medicine, Division of General Internal Medicine  
**Dee W. Ford, M.D., M.S.C.R.**, Department of Medicine, Division of Pulmonary &

Critical Care Medicine

**John R. Freedy, M.D., Ph.D.**, Department of Family Medicine

**Christopher Lawrence, M.D.**, Department of Medicine, Division of Gastroenterology

**Ellen C. Riemer, M.D., J.D.**, Department of Pathology and Laboratory Medicine

**Megan Baker Ruppel, M.D.**, Department of Surgery, Division of General Surgery

**Maria V. Spampinato, M.D.**, Department of Radiology and Radiological Science

**David E. Stickler, M.D.**, Department of Neurosciences, Division of Neurology

**Scott A. Sullivan, M.D.**, Department of Obstetrics and Gynecology

**Abhay K. Varma, M.B.B.S.**, Department of Neurosciences, Division of Neurological Surgery

**Juan Carlos Velez, M.D.**, Department of Medicine, Division of Nephrology

**Dannah W. Wray, M.D.**, Department of Medicine, Division of Infectious Disease: dual appointment in the Department of Pediatrics, Division of Infectious Disease

**Yusheng Zhu, Ph.D.**, Department of Pathology and Laboratory Medicine

From Research Assistant Professor to Research Associate Professor

**Yi-Te Hsu, Ph.D.**, Department of Biochemistry and Molecular Biology

From Clinical Assistant Professor to Clinical Associate Professor

**Anne S. Abel, M.D.**, Department of Pediatrics, Division of Violence Intervention Prevention

**Haytham Dismashkieh, M.D.**, Department of Pathology and Laboratory Medicine

**Mark W. Wagner, M.D.**, Department of Psychiatry and Behavioral Sciences

College of Nursing

From Assistant Professor to Associate Professor: Educator Researcher track

**Gaynell S. Magwood, Ph.D., R.N.**, Department of Nursing

**Martina Müller, Ph.D.**, Department of Nursing

From Assistant Professor to Associate Professor: Educator Clinician track

**Nancy D. Duffy, D.N.P., R.N., C.E.N., C.N.E.**, Department of Nursing

**Sheila O. Smith, Ph.D., R.N., F.A.C.C.E.**, Department of Nursing

**Deborah C. Williamson, D.H.A., M.S.N., C.N.M, R.N.**, Department of Nursing

From Associate Professor to Professor: Educator Researcher Track

**Jeannette O. Andrews, Ph.D., R.N., F.N.P., F.A.A.N.**, Department of Nursing

South Carolina College of Pharmacy

from Assistant Professor to Associate Professor (tenure track)

**Sarah P. Shrader, Pharm.D.**, Department of Clinical Pharmacy and Outcome Sciences

from Associate Professor to Professor

**Kelly R. Ragucci, Pharm.D.**, Department of Clinical Pharmacy and Outcome Sciences

Recommendation of Administration: That these faculty promotions be approved.

Recommendation of Committee: That these faculty promotions be approved.

Board Action:

Statement: At the request of the Deans of the Colleges of Health Professions and Medicine, administration presented the following faculty appointments:

*College of Health Professions*

**William G. Boissonnault, DHSc**, as Adjunct Associate Professor in the Department of Health Professions, Division of Physical therapy, effective January 1, 2011

*College of Medicine*

**Rita Marie Ryan, M.D.**, (dual appointment) as Professor with tenure on the Academic Clinician track, in the Department of Pediatrics, Division of Neonatology, with a dual appointment as Professor in the Department of Pathology and Laboratory Medicine, effective July 1, 2011.

Dr. Ryan's primary appointment will rest in the Department of Pediatrics. She will also serve as Chair of the Department of Pediatrics.

**Priyattam J. Shiromani, Ph.D.**, as Professor with tenure on the Academic Investigator track, in the Department of Psychiatry and Behavioral Sciences, effective January 4, 2011

**Frank A. Treiber, Ph.D.**, (joint appointment) as Professor in the Department of Psychiatry and Behavioral Sciences, effective March 1, 2011. Dr. Treiber's primary appointment rests in the College of Nursing.

Recommendation of Administration: That these faculty appointments be approved.

Recommendation of Committee: That these faculty appointments be approved.

Board Action:

Item 20. Changes in Faculty Status

Statement: At the request of the Deans of the College of Dental Medicine and the College of Medicine, administration presented the following change in Faculty status:

**Corey H. Mjaavedt, Ph.D.**, from Research Associate Professor to Associate Professor on the Academic Investigator track, in the Department of Regenerative Medicine and Cell Biology, effective December 1, 2010

Recommendation of Administration: That this change in faculty status be approved.

Recommendation of Committee: That this change in faculty status be approved.

Board Action:

Item 21. Endowed Professorships

Statement: At the request of the Dean of the College of Medicine, administration presented the following requests for endowed professorships, effective April 8, 2011

**Eric R. Powers, M.D.**, Professor of Medicine, Division of Cardiology, as the Dr. Peter C. Gazes Endowed Chair in Clinical Cardiology

**Jane M. Charles, M.D.**, Associate Professor of Pediatrics, as the Jeffrey Edwin Gilliam

Memorial Chair for the Study of Developmental Disabilities

Recommendation of Administration: That the appointments of Dr. Eric Powers to the Dr. Peter C. Gazes Endowed Chair in Clinical Cardiology and Dr. Jane Charles to the Jeffrey Edwin Gilliam Memorial Chair for the Study of Developmental Disabilities be approved.

Recommendation of Committee: That the appointments of Dr. Eric Powers to the Dr. Peter C. Gazes Endowed Chair in Clinical Cardiology and Dr. Jane Charles to the Jeffrey Edwin Gilliam Memorial Chair for the Study of Developmental Disabilities be approved.

Board Action:

Item 22. Post-Tenure Review Approvals (for information)

Statement: At the request of the Deans of the Colleges of Medicine and Nursing, administration presented as information the following faculty members who have received post-tenure review approvals, effective April 8, 2011.

College of Medicine

**Marcy B. Bolster, M.D.**, Professor, Department of Medicine, Division of Rheumatology  
**Philip Costello, M.D.**, Professor and Chair, Department of Radiology and Radiological Science

**Donna D. Johnson, M.D.**, Professor, Department of Obstetrics and Gynecology

**Dana E. King, M.D.**, Professor, Department of Family Medicine

**Andrew S. Kraft, M.D.**, Professor, Department of Medicine, Division of Hematology/Oncology

**Yuko Y. Palesch, Ph.D.**, Professor, Department of Medicine, Division of Biostatistics and Epidemiology

**Paul B. Pritchard, M.D.**, Professor, Department of Neurosciences, Division of Neurology

**Sakamuri V. Reddy, Ph.D.**, Professor, Department of Pediatrics, Division of Pediatric Endocrinology

**Elizabeth H. Slate, Ph.D.**, Professor, Department of Medicine, Division of Biostatistics and Epidemiology

**Steven E. Swift, M.D.**, Professor, Department of Obstetrics and Gynecology

**Kenneth D. Tew, Ph.D., D.Sc.**, Professor and Chair, Department of Cell and Molecular Pharmacology and Experimental Therapeutics

**Jeffrey G. Wong, M.D.**, Professor, Department of Medicine, Division of General Internal Medicine

College of Nursing

**Elaine Amella, Ph.D., GNP-BC, FAAN**, Professor, Department of Nursing

**Marilyn P. Laken, Ph.D., R.N.**, Professor, Department of Nursing

Recommendation of Administration: That these post-tenure review approvals be received as information.

Recommendation of Committee: That these post-tenure review approvals be received as information.

**COMMITTEE ON FINANCE AND ADMINISTRATION**  
**April 7, 2011**  
**Minutes**

**Attendees:**

Mr. Charles W. Schulze, Chair	Ms. Annette Drachman
Dr. Stanley C. Baker	Ms. Susie Edwards
Mr. Melvyn Berlinsky	Mr. Jim Fisher
Mr. William H. Bingham, Sr.	Ms. Michelle Garbiras
Dr. Cotesworth P. Fishburne, Jr.	Mr. Joe Good
Mr. William B. Hewitt	Mr. Mike Keels
Dr. Donald R. Johnson II	Ms. Lisa Montgomery
Dr. E. Conyers O'Bryan, Jr.	Dr. Etta Pisano
Dr. Paula E. Orr	Mr. Stuart Smith
Dr. Thomas C. Rowland, Jr.	Dr. Mark Sothmann
Thomas L. Stephenson, Esquire	Mr. Mark Sweatman
The Honorable Robin M. Tallon	Mr. Patrick Wamsley
Dr. Charles B. Thomas, Jr.	
Dr. James E. Wiseman, Jr.	
Dr. Raymond S. Greenberg	
Mr. Hugh B. Faulkner, III	

Mr. Schulze called the meeting to order.

**REGULAR Items**

**Item 23 Financial Status Report of the Medical University of South Carolina**

Mr. Patrick Wamsley reported the financial status of MUSC is stable. The University is staying on budget and has a strong cash position.

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

**Item 24 Financial Status Report of University Medical Associates**

In Ms. Gina Ramsey's absence, Mr. Mike Keels reported on the financial status of UMA as of February 2011. Revenues are flat; charges are up slightly and collections are down slightly. The March figures will show an increase in charges and collections. As they continue to work on the revenue cycle, the Days in AR dropped to 41. UMA has 275 days cash on hand and a debt service coverage of 8.6%.

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

**Item 25 Financial Status Report of the MUSC Foundation for Research Development**

Ms. Michelle Garbiras reported the MUSC Foundation for Research Development financial statements for the period February 2011 reflect an increase in net assets

of \$42,000. The increase is a result of patent prosecution recovery as well as collection of registration fees for an upcoming conference. The MUSC FRD has also accrued for an additional \$40,000 in patent prosecution recovery. During February, the MUSC FRD also paid back to MUSC royalty distribution of \$67,000.

Recommendation of Committee: That this report be received as information

**Item 26 Other Committee Business**

Statement: Mr. Patrick Wamsley presented, for approval, a request to increase the University's current operating budget from \$578.9M to \$598M – a 3% increase.

Recommendation of Committee: That the request for increase of the budget be approved.

CONSENT AGENDA

None.

There being no further business, the meeting was adjourned.



**Medical University of South Carolina  
Audit Committee  
April 7, 2011  
Minutes**

**Attendees:**

Mr. William B. Hewitt, Chair	Dr. Phil Costello
Dr. Stanley C. Baker	Ms. Annette Drachman
Mr. Melvyn Berlinsky	Mr. Jim Fisher
Mr. William H. Bingham, Sr.	Mr. Joe Good
Dr. Cotesworth P. Fishburne, Jr.	Dr. Stephen Lanier
Dr. Donald R. Johnson II	Ms. Lisa Montgomery
Dr. E. Conyers O'Bryan, Jr.	Dr. Etta Pisano
Dr. Paula E. Orr	Dr. Darlene Shaw
Dr. Thomas C. Rowland, Jr.	Ms. Reece Smith
Mr. Charles W. Schulze	Mr. Stuart Smith
Thomas L. Stephenson, Esquire	Dr. Mark Sothmann
The Honorable Robin M. Tallon	Mr. Patrick Wamsley
Dr. Charles B. Thomas, Jr.	
Dr. James E. Wiseman, Jr.	
Mr. Hugh B. Faulkner	
Dr. Raymond S. Greenberg	
Ms. Susan H. Barnhart	

Mr. Hewitt called the meeting to order.

**REGULAR Items**

**Item 31. Confidential Hotline Update.**

Ms. Reece Smith provided an update on the Confidential Hotline including a discussion of the vendor; promotion of the Hotline and procedures and resulting statistics of the Hotline.

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

**Item 32. Report of the Internal Auditor.**

Ms. Susan Barnhart had provided a report on six of the reviews conducted by the Office of Internal Audit. That report was received an information.

Recommendation of Committee: Received as information.

**Item 33. MUSC Code of Conduct.**

Ms. Susan Barnhart briefly discussed the Code of Conduct which establishes guidelines for professional conduct for all employees.

Recommendation of Committee: Received as information.

**Item 34.      Draft Audit Committee Evaluation Form.**

A draft of the Audit Committee Self-Assessment form was distributed. Mr. Hewitt asked the Audit Committee members to review the form and if they had any questions or suggestions, please contact either Mr. Hewitt or Ms. Barnhart.

Recommendation of Committee: Received as information.

**Item 35.      Other Committee Business.    None**

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Respectfully submitted,

Celeste Jordan

**Medical University of South Carolina  
Physical Facilities Committee  
April 7, 2011  
Minutes**

**Attendees:**

Mr. William H. Bingham, Sr., Chair	Ms. Jennifer Aldrich
Dr. Stanley C. Baker	Dr. Phil Costello
Mr. Melvyn Berlinsky	Ms. Annette Drachman
Dr. Cotesworth P. Fishburne, Jr.	Mr. Dennis Frazier
Mr. William B. Hewitt	Mr. Jim Fisher
Dr. Donald R. Johnson II	Mr. Joe Good
Dr. E. Conyers O'Bryan, Jr.	Dr. Stephen Lanier
Dr. Paula E. Orr	Mr. John Malmrose
Dr. Thomas C. Rowland, Jr.	Ms. Lisa Montgomery
Mr. Charles W. Schulze	Dr. Etta Pisano
Thomas L. Stephenson, Esquire	Dr. Darlene Shaw
The Honorable Robin M. Tallon	Ms. Reece Smith
Dr. Charles B. Thomas, Jr.	Mr. Stuart Smith
Dr. James E. Wiseman, Jr.	Dr. Mark Sothmann
Mr. Hugh B. Faulkner	Mr. Patrick Wamsley
Dr. Raymond S. Greenberg	

Mr. Bingham called the meeting to order.

**REGULAR Items**

**Item 27      Procurements/Contracts for Approval.**

Mr. John Malmrose presented the following for approval

- Budget Adjustment for the Replacement of Harborview Office Tower Building Fire Alarm System. Total revised budget: \$440,000.
- Lease Renewal for 4,800 square feet of space including 1.4 acres located at 1786 Anthony Street. Renewal term three years with extended terms of two years for a total five year cost of \$553,906.17.

**Recommendation of Committee: A motion was made, seconded and unanimously voted to approve the procurements/contracts as presented.**

**Item 28      Update on Projects.**

Mr. John Malmrose provided an update on various University projects.

Recommendation of Committee: Received as information.

**Item 29      Other Committee Business.    None**

**CONSENT Items for Information:**

**Item 30      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.

Respectfully submitted,

Celeste Jordan

**Medical University of South Carolina**  
**Current (FY11) & Proposed Changes (FY12) Schedule of Fees**  
**(IN DOLLARS)**

	<u>CURRENT (FY11)</u>	<u>PROPOSED (FY12)</u>	<u>\$ Increase</u>	<u>% Increase</u>
<b>COLLEGE OF DENTAL MEDICINE</b>				
Fourth Year Students	4,000	4,400	400	10.0%
<b>COLLEGE OF GRADUATE STUDIES</b>				
Responsible Conduct of Research Fee (does not apply to MSCR or Nursing PhD programs)	\$ -	\$ 100	\$ 100	100.0%
<b>COLLEGE OF HEALTH PROFESSIONS</b>				
Doctorate in Health Administration Program Fee - Information Systems-New		214	214	100.0%
<b>COLLEGE OF MEDICINE</b>				
Student Disability Insurance (annual)				
First and Second Year Students		68	68	100.0%
Third and Fourth Year Students	70	81	11	15.7%
Basic Life Support Fee (Second Year Students)	50	-	(50)	-100.0%
Examination and Technical Support Fee (annual)				
First Year Students	200	225	25	12.5%
Second Year Students	200	260	60	30.0%
Third Year Students	500	355	(145)	-29.0%
Fourth Year Students	200	125	(75)	-37.5%
Physical Diagnosis Fee (First Year Students) (annual)	650	675	25	3.8%
Rotation Credentialing Fee		85	85	100.0%
<b>COLLEGE OF NURSING</b>				
Program Fees - Undergraduate - FT	\$ 255	\$ 270	\$ 15	5.9%
Program Fees - Undergraduate - PT	130	135	5	3.8%
Program Fees - Graduate/PHD - FT	400	420	20	5.0%
Program Fees - Graduate/PHD - PT	200	210	10	5.0%
Program Fees - All NP Students - FT	535	560	25	4.7%
Program Fees - All NP Students - PT	270	285	15	5.6%
Online program fee - additional fee per credit hour	65	70	5	7.7%
Testing/NCLEX Prep Fee (All 1st semester Undergraduates, except RN to BSN)	375	425	50	13.3%
PhD Student fee - All 1st semester PhD students	45	50	5	11.1%

**Medical University of South Carolina**  
 Current (FY11) and Proposed (FY12) Schedule of Academic Charges  
**College of Dental Medicine**

	CURRENT ACADEMIC CHARGE		PROPOSED ACADEMIC CHARGE		% Increase	
	In-State	Out-of-State	In-State	Out-of-State	In-State	Out-of-State
<b>Full-Time (Each Term)</b>						
Semester	\$ 13,801	\$ 24,128	\$ 14,629	\$ 25,576	6%	6%
Summer	10,560	18,767	11,194	19,893	6%	6%
<b>Full-Time (Each Term) Master of Science in Dentistry</b>						
Semester	\$ 1,313	\$ 1,313	\$ 1,392	\$ 1,392	6%	6%
Summer	1,208	1,208	1,280	1,280	6%	6%

**Medical University of South Carolina**  
 Current (FY11) and Proposed (FY12) Schedule of Academic Charges  
**College of Medicine**

	CURRENT ACADEMIC CHARGE		PROPOSED ACADEMIC CHARGE		% Increase	
	In-State	Out-of-State	In-State	Out-of-State	In-State	Out-of-State
<b>Full-Time (Each Term)</b>						
Semester	\$ 15,602	\$ 27,968	\$ 16,694	\$ 29,926	7%	7%
Third Year	19,453	32,218	20,815	34,473	7%	7%

**Medical University of South Carolina**  
 Current (FY11) and Proposed (FY12) Schedule of Academic Charges  
**College of Graduate Studies**

	CURRENT ACADEMIC CHARGE		PROPOSED ACADEMIC CHARGE		% Increase	
	In-State	Out-of-State	In-State	Out-of-State	In-State	Out-of-State
<b>Full-Time (Each Term)</b>						
<i>Master in Biomedical Sciences</i>						
Semester	\$ 6,426	\$ 10,028	\$ 6,426	\$ 10,028	0%	0%
Summer	5,168	7,894	5,168	7,894	0%	0%
<i>Ph.D. Program</i>						
Semester	\$ 6,047	\$ 8,958	\$ 6,410	\$ 9,495	6%	6%
Summer	4,955	7,101	5,252	7,527	6%	6%
<b>Part-Time (Per Semester Hour)</b>						
<i>Master in Biomedical Studies</i>						
Semester	\$ 541	\$ 830	\$ 541	\$ 830	0%	0%
Summer	541	830	541	830	0%	0%
<i>Ph. D. Program</i>						
Semester	\$ 540	\$ 824	\$ 572	\$ 873	6%	6%
Summer	540	824	572	873	6%	6%



**Medical University of South Carolina**  
**Current (FY11) and Proposed (FY12) Schedule of Academic Charges**  
**College of Health Professions**

	CURRENT ACADEMIC CHARGE			PROPOSED ACADEMIC CHARGE			% Change In-State	% Change Out-of-State	% Change Out-of-State w/scholarship
	In-State	Out-of-State	Out-of-State w/Scholarship	In-State	Out-of-State	Out-of-State w/Scholarship			
<b>Full-Time (Each Term)</b>									
<b>Graduate</b>									
Semester	\$ 7,140	\$ 10,290	N/A	\$ 7,497	\$ 10,805	N/A	5%	5%	N/A
Summer	7,140	10,290	N/A	7,497	10,805	N/A	5%	5%	N/A
<b>Cardiovascular Perfusion</b>									
Fall 2010	\$ 7,140	\$ 10,290	\$ 7,440	\$ 7,497	\$ 10,805	N/A	5%	5%	N/A
Spring 2011	6,360	10,290	6,702	7,497	10,805	N/A	18%	5%	N/A
Summer	6,750	10,290	7,071	7,497	10,805	N/A	11%	5%	N/A
<b>Anesthesia for Nurses</b>									
Semester	\$ 7,140	\$ 10,290	\$ 7,440	\$ 7,497	\$ 10,805	\$ 7,797	5%	5%	5%
Summer	7,140	10,290	7,440	7,497	10,805	7,797	5%	5%	5%
<b>Masters in Healthcare Administration (Executive)</b>									
Semester	\$ 7,140	\$ 7,731	N/A	\$ 7,497	\$ 8,118	N/A	5%	5%	N/A
Summer	7,140	7,731	N/A	7,497	8,118	N/A	5%	5%	N/A
<b>Masters in Healthcare Administration (Residential)</b>									
Semester	\$ 7,140	\$ 10,290	\$ 7,440	\$ 7,497	\$ 10,805	N/A	5%	5%	N/A
Summer	7,140	10,290	7,440	7,497	10,805	N/A	5%	5%	N/A
<b>Masters in Research Administration</b>									
Semester	\$ 7,140	\$ 10,290	N/A	\$ 5,000	\$ 5,000	N/A	-30%	-51%	N/A
Summer	7,140	10,290	N/A	5,000	5,000	N/A	-30%	-51%	N/A
<b>Occupational Therapy</b>									
Semester	\$ 7,140	\$ 10,290	\$ 7,440	\$ 7,497	\$ 10,805	N/A	5%	5%	N/A
Summer	7,140	10,290	7,440	7,497	10,805	N/A	5%	5%	N/A
<b>Physician Assistant</b>									
Semester	\$ 7,140	\$ 10,290	\$ 7,440	\$ 7,497	\$ 10,805	N/A	5%	5%	N/A
Summer	7,140	10,290	7,440	7,497	10,805	N/A	5%	5%	N/A
<b>Doctorate in Health Administration</b>									
Annual Tuition	\$ 26,391	\$ 26,391	N/A	\$ 27,711	\$ 27,711	N/A	5%	5%	N/A
<b>Doctorate in Health Administration - Interprofessional</b>									
Annual Tuition	\$ 15,000	\$ 15,000	N/A	\$ 15,750	\$ 15,750	N/A	5%	5%	N/A
<b>Doctorate in Health Administration - Information Systems - New DHA Track for FY12</b>									
Annual Tuition				\$ 15,750	\$ 15,750	N/A	New	New	N/A
<b>Doctorate in Health and Rehabilitation Science</b>									
Semester	\$ 5,887	\$ 6,245	N/A	\$ 5,887	\$ 6,245	N/A	0%	0%	N/A
Summer	5,887	6,245	N/A	5,887	6,245	N/A	0%	0%	N/A
<b>Doctorate in Physical Therapy</b>									
Semester	\$ 7,140	\$ 10,290	\$ 7,440	\$ 7,497	\$ 10,805	\$ 7,797	5%	5%	5%
Summer	7,140	10,290	7,440	7,497	10,805	7,797	5%	5%	5%
<b>Part-Time (Per Semester Hour)</b>									
<b>Graduate</b>									
Semester	\$ 829	\$ 1,377	N/A	\$ 870	\$ 1,446	N/A	5%	5%	N/A
Summer	829	1,377	N/A	870	1,446	N/A	5%	5%	N/A
<b>Masters in Healthcare Administration (Executive)</b>									
Semester	\$ 738	\$ 798	N/A	\$ 775	\$ 838	N/A	5%	5%	N/A
Summer	738	798	N/A	775	838	N/A	5%	5%	N/A
<b>Masters in Healthcare Administration (Residential)</b>									
Semester	\$ 829	\$ 1,377	N/A	\$ 870	\$ 1,446	N/A	5%	5%	N/A
Summer	829	1,377	N/A	870	1,446	N/A	5%	5%	N/A
<b>Masters in Research Administration</b>									
Semester	\$ 829	\$ 1,377	N/A	\$ 870	\$ 1,446	N/A	5%	5%	N/A
Summer	829	1,377	N/A	870	1,446	N/A	5%	5%	N/A
<b>Physician Assistant</b>									
Semester	\$ 829	\$ 1,377	N/A	\$ 870	\$ 1,446	N/A	5%	5%	N/A
Summer	829	1,377	N/A	870	1,446	N/A	5%	5%	N/A

**Medical University of South Carolina**  
 Current (FY11) and Proposed (FY12) Schedule of Academic Charges  
**College of Nursing**

	CURRENT ACADEMIC CHARGE		PROPOSED ACADEMIC CHARGE		% Increase	
	In-State	Out-of-State	In-State	Out-of-State	In-State	Out-of-State
<b>Full-Time (Each Term)</b>						
<i>Undergraduate</i>						
Fall 2010	\$ 6,962	\$ 11,133	\$ 7,250	\$ 11,912	4%	7%
Spring 2011	6,582	11,133	7,250	11,912	10%	7%
Summer 2011	6,772	11,133	7,250	11,912	7%	7%
<i>Graduate</i>						
Semester	\$ 7,355	\$ 8,685	\$ 7,725	\$ 9,553	5%	10%
Summer	7,355	8,685	7,725	9,553	5%	10%
<b>Part-Time (Per Semester Hour)</b>						
<i>Undergraduate</i>						
Fall 2010	\$ 630	\$ 1,030	\$ 656	\$ 1,102	4%	7%
Spring 2011	596	1,030	656	1,102	10%	7%
Summer 2011	613	1,030	656	1,102	7%	7%
<i>Graduate</i>						
Semester	\$ 758	\$ 895	\$ 795	\$ 985	5%	10%
Summer	758	895	795	985	5%	10%

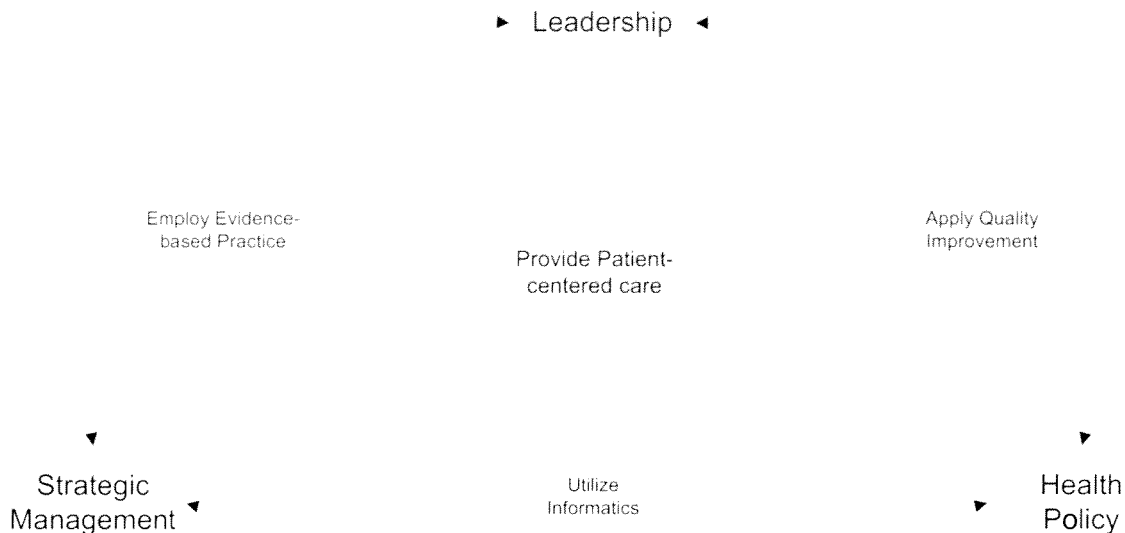
**Medical University of South Carolina**  
 Current (FY11) and Proposed (FY12) Schedule of Academic Charges  
**South Carolina College of Pharmacy - MUSC Campus**

	CURRENT ACADEMIC CHARGE			PROPOSED ACADEMIC CHARGE			% Increase		
	In-State	Out-of-State	Out-of-State with Scholarship	In-State	Out-of-State	Out-of-State with Scholarship	In-State	Out-of-State	Out-of-State with Scholarship
Full-Time (Each Term)*									
Semester	\$ 9,041	\$ 13,480	\$ 11,490	\$ 9,650	\$ 14,200	\$ 12,050	7%	5%	5%
Summer	2,675	4,040	3,312	2,700	4,100	3,400	1%	1%	3%
Part-Time (Per Credit Hour)									
Semester	\$ 753	\$ 1,123	\$ 958	\$ 804	\$ 1,183	\$ 1,004	7%	5%	5%
Summer	753	1,123	958	804	1,183	1,004	7%	5%	5%
*Includes program fee of \$1700 for the current charge and \$1900 for the proposed charge									

## **DHA - Leadership in Information Systems**

The healthcare industry in the United States is facing the promise of major reform in order to improve quality and reduce cost. As the Business Roundtable Health Care Value Comparability Study reports, “our relatively higher spending and lower return on investment creates a health care ‘value gap’ that places U.S. companies at a significant global competitive disadvantage:” (Milstein and Colla 2009) The Institute of Medicine in its report “To Err is Human” reports an exceedingly high rate of medical errors and questions the safety of the US healthcare delivery system. (Kohn, Corrigan et al. 2000) In 2006, healthcare spending accounted for 16% of the U.S. GDP and grew at an annual rate of 6.7%, faster than inflation and growth in national income. (Catlin, Cowan et al. 2008) According to a Commonwealth Fund report, the United States ranks “last on dimensions of access, patient safety, efficiency, and equity” when compared to six other developed countries. (Davis, Schoen et al. 2007) Clearly the U.S. healthcare system is in need of reform. President Obama has declared healthcare reform as a high priority for these reasons.

Never has there been so much national attention on improving the U.S. healthcare delivery system. A key aspect of improvement is the development of health information systems at all levels of the delivery process. "Consistent with many other reports, the committee [Committee on Emerging the Computer Science Research Community in Health Care Informatics] recognizes commitment to 21st century use of IT in health care as an essential part of achieving the IOM's vision of 21st century health care." (Stead and Lin 2009) Achievement of the informatics goals contributing to improvement in quality and efficiency of the health care delivery system will require leaders with special competencies. These competencies must be a blend of informatics and leadership. As illustrated in the figure below, utilization of informatics is one of the core competencies necessary to improving the quality patient centered care.



Model to promote the delivery of patient-centered care.

Adapted from: Greiner, A. C., & Knebal, E. (Eds.). (2003). *Health Professions Education: A Bridge to Quality*. Washington, DC: National Academies Press.

Achievement of this vision will require the existence of informed leaders from each segment of healthcare to be active throughout the healthcare delivery system. These leaders will effect paradigm change throughout the country that is necessary to realize the IOM vision.

A new track of the established MUSC doctoral program in health administration and leadership will focus developing these leaders. Students will be practicing information systems specialists who are in or seek positions to influence adoption of the IOM vision. The central theme of the curriculum is information systems practice, building on the domains of change, leadership and health informatics. The current DHA program already contains each of the domains, and the information systems tract will include an additional thread of informatics throughout the curriculum.

Graduates of the DHA-Information Systems program will be prepared to assume leadership roles in academe and practice. They will work as faculty members in health related educational programs, as health system leaders facilitating development of broad based information systems, and as policy advisors and advocates.

**Program**

The DHA-IS course delivery will be asynchronous and entirely online using the MUSC learning management system Moodle. Admission will be restricted to practicing information system specialists possessing a relevant Masters degree (or higher) and 5 years of IS practice experience.

### **Curriculum:**

The curriculum will consist of twelve 3-credit hour didactic courses presented over two years (two courses per semester) followed by completion of a doctoral project. Each course includes at least one course objective relating to information systems. There are 2 new courses (6 SH) focused on advanced knowledge in information systems.

1. HAP 807 - Managing Healthcare Information  
This course examines the state-of-the-art of information technology and its application to patient care, strategic management in healthcare organizations, The course covers: (1) techniques for effective management of information resources, and (2) effective utilization of information for management decision making. (3 ch)
2. HAP 861 - Foundations in Leadership  
This class serves as an integrative course involving both didactic and experiential learning opportunities. Students will utilize the knowledge and skills they acquire through academic literature, research and lectures as they participate in class discussions and exercises. In this process students are challenged to expand their current leadership skills in the healthcare environment and critical thinking abilities. (3 ch)
3. HAP 863 - Foundations in Strategic Management  
A doctoral seminar on strategic management concepts applied to healthcare organizations. The seminar is built on the assumption that the best way to learn strategic management is to do it. Utilizing a process known as focused strategic thinking (FST) as a guide and working in small groups, the class will develop a comprehensive strategic plan for a health care organization. Topics include mission and vision statement development, external environmental assessment and determination of opportunities and threats, internal environmental analysis and determination of strengths and weaknesses, linking strategy and budgets through business planning, establishing the culture for strategic leadership and strategic control. (3 ch)
4. HAP 865 - Seminar in National Health Policy  
This course is designed to provide students with an advanced understanding of the structure and functioning of the health policy process, particularly at the national level. The general health policymaking process is described in the readings, with selected illustrations of specific cases. There is a particular focus on examining the current and possible future tradeoffs at the national government level between health services delivery preferences, and growing resource limitations in the context of delivering patient-centered care. (3 ch)
5. HAP 866 - Applied Research  
This course provides students in the program with an introduction to both quantitative and qualitative research methodologies that are used in health services research. The course enables students to understand the key elements of a research proposal and study. The student will begin developing skills in framing a researchable problem, formulating a research question or query, and designing a methodological approach. In addition, the

course aims to enhance students' critical thinking skills in evaluating published research studies. (3 ch)

6. HAP 868 - Foundations in Health Policy  
This course will provide a conceptual and analytical understanding of health policymaking and politics, including their impact on health administration and leadership. Selected policy issues will be explored through the application of political concepts and behavioral models, including a systems model of policymaking. The emphasis will be on understanding how health leaders can approach the policymaking system, become involved in it, and work through it to attain their objectives, and those of their organizations. (3 ch)
7. HAP 869 - Leadership II  
Most workplace interactions involve some type of negotiation or mediation. This is particularly true in health care where diverse professionals dealing with complex and life or death situations are the norm. Our perspective is that mediation and negotiation afford opportunities to achieve important outcomes and to build crucial interprofessional relationships. This course prepares managers to be more effective as health care leaders, by providing theory and practical skills in negotiation and mediation. (3 ch)
8. HAP 870 - Adv. Techniques in Applied Research  
This is an advanced course covering principles and techniques for designing and implementing studies of organizational effectiveness. Students will learn to critically assess the literature and identify the role of health executive management in study selection, research design, research implementation, and the application of research results. This course will build on topics and methods introduced in the Foundations in Applied Research course, and will develop both qualitative and quantitative research skills. (3 ch)
9. HAP 871 - Management of Change  
This seminar focuses on an array of issues involved in leading strategic change in complex health care organizations. The course deals with four major areas: barriers to achieving change, key elements of strategic change, diagnostic models to assist the change process, interventions and modes of behavior used by the change agent, and skills and qualities of successful change agents. Topics include the narrative of strategic change, management of uncertainty, the role and utility of consultants, the importance of interpersonal skills and emotional intelligence, the leadership of learning, the role of teams in implementation and the public sector context. (3 ch)

10. HAP 873 - Advanced Systems Thinking

One of the major breakthroughs in understanding the complex world of organizations is the field of systems theory. The field studies systems from the perspective of the whole system, its various subsystems and the recurring patterns in the relationships between the subsystems. Systems theory has greatly influenced how we understand and change organizations. This course focuses on the application of this theory called systems analysis and one of the major tools of systems analysis called systems thinking. Specifically, systems thinking will be applied to administrative functions and system change. (3 ch)

11. HAP XXX - Systems Development

This course prepares the student with advanced knowledge and deeper understanding of the system development process including theories and studies related to system life-cycle models and system development strategies. The course includes a review of relevant research in the area of techniques, methods, and tools for the analysis and specification of information systems. (3 ch)

12. HAP XXX – Advanced Information Systems

This course will discuss the latest research in health information systems to prepare the student to critically evaluate the research and use it for informed decision-making. The course will also review the trends and developments in information technology as it applies to the efficacious delivery of healthcare. (3 ch)

13. HAP 990 - Doctoral Project.

These projects will be original research projects, usually applied, that have an informatics focus. The doctoral project will generally run over the period of 3 semesters. (9 ch)



### **Course Schedule**

<b><u>Semester</u></b>	<b><u>Course 1</u></b>	<b><u>Course 2</u></b>
Fall	HAP 861 - Foundations in Leadership	HAP 866 - Applied Research
Spring	HAP 868 - Foundations in Health Policy	HAP XXX - Systems Development
Summer	HAP 863 - Foundations in Strategic Management	HAP 807 - Managing Healthcare Information
Fall	HAP 869 - Leadership II	HAP 870 - Adv. Techniques in Applied Research
Spring	HAP 871 - Management of Change	HAP 865 - Seminar in National Health Policy
Summer	HAP XXX - Advanced Information Systems	HAP 873 - Advanced Systems Thinking

A comprehensive examination will be administered at the end of the second year of studies. Students will be required to successfully pass the comprehensive exam prior to proceeding to work on the doctoral project.

Students will be required to complete a doctoral project after successfully completing the comprehensive examination. The project will be in a subject area that is relevant to health administration and leadership as well as health information systems. Doctoral Projects will be supervised by a research committee chaired by a DHA faculty member with the participation of other content and/or research experts.

## References

Catlin, A., C. Cowan, et al. (2008). "National Health Spending in 2006: A Year of Change for Prescription Drugs." Health Affairs **27**(1): 14-29.

Committee on Quality of Health Care in America, I. o. M. (2001). Crossing the Quality Chasm: A New Health System for the 21st Century. Washington, DC, National Academy Press.

Davis, K., C. Schoen, et al. (2007). Mirror, Mirror on the Wall: In International Update on the Comparative Performance of American Health Care. New York, NY, The Commonwealth Fund.

Greiner, A. C. and E. Knebal, Eds. (2003). Health Professions Education: A Bridge to Quality. Washington, DC, National Academies Press.

Kohn, L. T., J. M. Corrigan, et al., Eds. (2000). To Err is Human: Building a Safer Health System. Washington, DC, National Academy Press.

McPherson, K., L. Headrick, et al. (2001). "Working and learning together: good quality care depends on it, but how can we achieve it?" Quality Health Care **10**: 46-53.

Milstein, A. and C. H. Colla (2009). Health Care Value Comparability Study. Washington, DC, Business Roundtable.

Stead, W. W. and H. S. Lin (2009). Computational Technology for Effective Health Care: Immediate Steps and Strategic Directions. The National Academy Press. Washington, D.C.

**S.C. Commission on Higher Education**  
**Notification of Change in Academic Program Status or Organizational Unit**

**After approval by Chief Instructional Officer,**

Four- year institutions please send completed form by mail to: Or, fax to:

Director of Academic Affairs and Licensing

S. C. Commission on Higher Education (803) 737-2297

1333 Main Street, Suite 200

Columbia, SC 29201

Technical Colleges please send completed form by mail to:

Vice President for Academic Affairs

South Carolina Technical College System

111 Executive Center Drive

Columbia, SC 29210

1. a. Institution Medical University of South Carolina
- b. Implementation date for change: Fall Semester 2011
2. Program Title including options, concentrations, tracks (See definition, p. 6)  
Doctor of Health Administration - Track in Information Systems and Leadership
2. Designation, type, and level of degree (if a baccalaureate, please specify 4- or 5-year)  
Doctor of Health Administration
3. Site of delivery Charleston
4. Delivery mode (See definition, p.4) and percentage of coursework offered by each mode  
Distance Education (online program)
5. CIP Code (confirmed by CHE) 510701; Site Code (assigned by CHE) \_\_\_\_\_
6. Nature of change and summary of the rationale for and objectives of the program  
(Please include the number of credit hours the change entails.)

The “Information Systems and Leadership” track will focus on development of informatics leaders in health policy, strategic management and leadership. Students will be practicing informatics who currently hold or who are seeking leadership positions to influence health care practice. The central theme of the curriculum will be the development of information systems building on the domains of evidence-based practice, quality improvement, and health informatics. The current Doctor of Health Administration program already contains each of the domains, allowing us to build on the strengths of an established, successful program. The Information Systems and Leadership track will include a curriculum design in which the thread of informatics woven into the curriculum. The Doctor of Health Administration and Leadership program at the Medical University of South Carolina (MUSC) is uniquely positioned to realize the Institute Of Medicine’s recommendations for the use of informatics. Our goal is to become a leader in the new health education paradigm by establishing a new track to an

existing doctorate program built on the themes of health policy, strategic management and leadership.

7. Curricular display: courses in the major (prefix, number, and title); information on general education and electives requirements; number of credits required for graduation

The proposed new track of the DHA program will focus on the theme of informatics influencing evolution of the US healthcare delivery system.

Curriculum:

The curriculum will consist of 12 3-credit hour (36 SH) didactic courses presented over two years (two courses per semester) followed by completion of a doctoral project. There are **6 CH (2 courses)** of new coursework for the proposed track All other courses are currently offered through the DHA program. The courses with an \* are new courses proposed for this track.

1. HAP 807 - Managing Healthcare Information  
This course examines the state-of-the-art of information technology and its application to patient care and strategic management in healthcare organizations, The course covers: (1) techniques for effective management of information resources, and (2) effective utilization of information for management decision making. (3 ch)
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possible future tradeoffs at the national government level between health services delivery preferences, and growing resource limitations. (3 ch)

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This course provides students in the program with an introduction to both quantitative and qualitative research methodologies that are used in health services research. The course enables students to understand the key elements of a research proposal and study. The student will begin developing skills in framing a researchable problem, formulating a research question or query, and designing a methodological approach. In addition, the course aims to enhance students' critical thinking skills in evaluating published research studies. (3 ch)
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One of the major breakthroughs in understanding the complex world of organizations is the field of systems theory. The field studies systems from the perspective of the whole system, its various subsystems and the recurring patterns in the relationships between the subsystems. Systems theory has greatly influenced how we understand and change organizations. This course focuses on the application of this theory called systems analysis and one of the major tools of systems analysis called systems thinking. Specifically, systems thinking will be applied to interprofessional quality improvement efforts and system change. (3 ch)
11. HAP XXX - Systems Development \*  
This course prepares the student with advanced knowledge and deeper understanding of the system development process including theories and studies related to system life-cycle models and system development strategies. The course includes a review of relevant research in the area of techniques, methods, and tools for the analysis and specification of information systems. (3 ch)
12. HAP XXX – Advanced Information Systems \*  
This course will discuss the latest research in health information systems to prepare the student to critically evaluate the research and use it for informed decision-making. The course will also review the trends and developments in information technology as it applies to the efficacious delivery of healthcare. (3 ch)
13. HAP 990 - Doctoral Project (9 ch)

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Signature of Institution's  
Chief Instructional Officer

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Date

**Medical University of South Carolina**

**RESEARCH AND INSTITUTIONAL ADVANCEMENT COMMITTEE**

**MINUTES**

**Thursday, April 7, 2011**

**Committee Members Present:** Dr. Cotesworth P. Fishburne, Jr., (Chair), Dr. James E. Wiseman, Jr., Dr. Paula Orr, Dr. Thomas Rowland, The Honorable Robin Tallon

**Other Trustees Present:** Dr. Stanley C. Baker, Jr., Mr. Melvyn Berlinsky, Mr. William H. Bingham, Sr., Mr. William B. Hewitt, Dr. Donald Johnson, Dr. Conyers O'Bryan, Jr., Mr. Charles W. Schulze, Thomas L. Stephenson, Esq., Dr. Charles B. Thomas, Jr.

**University Officers and Committee Staff Present:** Dr. Phil Costello, Mr. Jim Fisher, Mr. Joseph Good, Dr. Raymond S. Greenberg, Mr. William C. Hood, Dr. Stephen M. Lanier, Mr. John Malmrose, Ms. Lisa Montgomery, Dr. Etta Pisano, Mr. Stuart Smith, Dr. Mark Sothmann, Dr. Joann Sullivan

**Meeting Time:** 12:10 pm-12:45 pm

**Regular Agenda**

**Item 6. General Report of the Associate Provost for Research**

Dr. Lanier presented the research activities report. Extramural research awards for FY11 through March 31, 2011 totaled \$157.4 M; NIH awards represent \$79.4 M of this total. Compared to same time in previous years, we are tracking ahead of FY09 levels (\$142 M), though slightly down from FY10 (\$166 M). Based on these trends, it is anticipated that total extramural research funds for FY11 will be in the range of \$210 to 225 million.

Dr. Lanier reported that drawdowns on several Centers of Economic Excellence have been approved, totaling approximately \$13.7 M. These include the following COEEs:

Cancer Disparities	\$3,600,000
Cancer Stem Cell Biology	\$2,806,358
Molecular Proteomics in CV Disease & Prevention	\$728,025
Renal Disease Biomarkers	\$3,949,219
Stroke	\$2,576,626

Dr. Lanier introduced Dr. Charles Smith, Professor and Charles and Carol Cooper Chair in Pharmacy and South Carolina CoEE Endowed Chair. Dr. Smith was recruited from Pennsylvania State University to lead initiatives in drug discovery and commercialization. He gave a presentation entitled "Development of First-in-Class Sphingosine Kinase Inhibitors".

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

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

**Board Action:**

**Item 7. General Report of the Vice President for Development and Alumni Affairs**

Mr. Fisher reported that through March 15, 2011, the Development Office has raised \$51.4 million in new gifts, pledges and pledge payments, outpacing last year's March 15<sup>th</sup> results of \$40.7 million by 26%. Especially exciting is that this figure does not include a commitment of a \$2 million planned gift received April 4 for the College of Pharmacy.

Mr. Fisher reported on a very successful homecoming weekend for the College of Medicine. Approximately 350 graduates were in attendance. Events included an oyster roast on Friday evening with a Board of Directors' meeting on Saturday morning, an

awards luncheon and annual meeting on Saturday, and a Dean's Reception on Saturday evening with special class celebrations. This was the first opportunity for many alumni to meet Dean Etta Pisano. The Distinguished Alumnus award was presented to Charles P. Darby, Jr., MD, and the Honorary Alumnus award to Victor Del Bene, MD.

Mr. Fisher highlighted key accomplishments that have occurred since the February meeting of the Board of Trustees:

- The Children's Hospital Fund received an estate commitment of \$1 million from Mr. and Mrs. Daniel Sullivan to endow a Chair in Pediatric Hematology/ Oncology. Additionally, the Sullivans have pledged an annual gift of \$50,000 to support this program. Mr. Sullivan is a member of the MUSC Foundation Board of Directors.
- Within the Department of Surgery, The Fakhry Research Fund was established with a \$500,000 pledge from an anonymous donor to support research in traumatic injury and acute care.
- Carole Litwin Pittleman, of New York, pledged \$370,000 to support a research fellowship and conference in Alzheimer's disease which is being organized by Dr. Joe Helpern, a Center of Economic Excellence chairholder.
- On January 27<sup>th</sup> through January 29<sup>th</sup>, the "Cares for Kids Radiothon" broadcast on Clear Channel's WEZL and Y102.5 stations raised over \$146,273 for the Children's Hospital Fund. Additionally, the Children's Hospital's Annual Holiday Card project raised \$81,098.
- BMW Manufacturing Company made a \$100,000 gift towards their pledge in support of the BMW Distinguished Endowed Chair in Cancer Research housed within the Centers of Economic Excellence program.
- Local Charleston businessman David Dumas pledged \$60,000 in unrestricted funds to the Children's Hospital Fund. Mr. Fisher thanked Mr. Stephenson for his critical role in identifying this gift to us.
- The Glades Foundation made a gift of \$70,000 to complete their \$200,000 pledge to retina research.
- Blue Cross/Blue Shield has committed to the 5<sup>th</sup> annual Women's Heart Health Symposium, as lead sponsor, bringing their total commitment to this event to \$85,000. The event was founded by Bev Seinsheimer, chair of the Heart & Vascular Board of Directors.

Mr. Fisher reported that a site visit by The Duke Endowment was hosted on campus on March 23. The visit included presentations by faculty on three programs being considering for funding: Virtual TeleConsult Clinic (Dr. Samir Fakhry), Medication Safety (Dr. Bill Moran), and the SC Minority Education and Research Consortium (Dr. Charles Ellis). It is anticipated that The Duke Endowment will support two of the three.

The Agenda for the April 8<sup>th</sup> meeting of the MUSC Board of Visitors was presented (attached). Briefly, the agenda includes welcoming remarks by Mr. Stephenson and Dr. Greenberg and presentations by MUSC students, Drs. Jack Feussner and Mark George, and a tour of campus and Ashley River Tower. Trustees are invited to join the Board of Visitors for lunch at 12:30. Lunch will be held at Gazes.

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

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

Board Action:

Item 8. General Report of the CEO of the MUSC Foundation



Mr. Tom Anderson reported on performance of endowment investments. He noted that the investments are slightly below the benchmarks due to the nature of the investments, but that the market volatility warrants these types of investments.

	YTD 2/28/11	1 YR	2 YR	5 YR
MUSCF	3.0%	13.5%	23.2%	3.3%
Benchmark*	3.9%	16.1%	25.0%	4.3%

\*40% S&P 500, 25% EAFE, 35% Barclay's Aggregate Bond.

Mr. Anderson also reported that total assets increased by \$55.2 million or 16.6% for trailing 12 months at 2/28/11 to a record \$387.6 million. Net assets also increased by \$41.9 million or 20.5% for trailing 12 months as 2/28/11 to a record \$246.2 million.

Mr. Anderson also reported that the MUSC Foundation met via retreat in February to assess how to better engage Board to increase support to MUSC.

A new independent audit firm will be selected in April to comply with Foundation by law requirements.

Mr. Anderson also reported that an agreement was reached with the City of Charleston and South Carolina Research Authority (SCRA) on March 22<sup>nd</sup> to establish the Horizon Project Foundation, a 501(C)3, not-for-profit, to direct 50 acre mixed-use development in the Horizon/Crosstown Area.

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

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

Board Action:

Item 9. General Report of the Executive Director of the MUSC Foundation for Research Development

Mr. Hood gave an update to the Board on the MUSC Foundation for Research Development activities. He noted deal activity was picking up with the number licenses (six) already surpassing last fiscal year. Additionally he reported that new startup company management was very experienced which will hopefully lead to increased startup success in the long term. FRD is also making use of technology accelerator companies – focused teams of entrepreneurs that develop early stage technology to the point of being able to attract established company licensing partners. These types of companies allow FRD to offload technology development and patent protection costs which is especially important in times of limited budgets. Mr. Hood concluded by reporting that FRD continues to assist in attracting new industry research relationships for MUSC. Bolstering those efforts will be the addition to the FRD team of Larry Olanoff, M.D., Ph.D., the recently retired President of pharmaceutical company Forest Labs. Dr. Olanoff will be working part-time at FRD coordinating efforts to attract large (>\$1M) industry partnerships for MUSC.

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

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

Board Action:

Item 10. Other Committee Business. None

Item 11.      MOU – MUSC and the Ralph H. Johnson VA Medical Center (Consent Item).

The Memorandum of Understanding between MUSC and the Ralph H. Johnson VA Medical Center for sharing of space for VAMC Rehabilitation Research was presented for information.

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

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

Board Action:

**FACILITIES**  
**ACADEMIC/RESEARCH**  
**BUDGET ADJUSTMENT**  
**FOR APPROVAL**

**April 8, 2011**

PROJECT TITLE: Replace Harborview Office Tower Building Fire Alarm System

PROJECT NUMBER: H51-N208

CURRENT APPROVED BUDGET: \$ 380,000

TOTAL REVISED BUDGET: \$ 440,000

SOURCE(S) OF FUNDS: Institutional Capital Project Fund and Institutional Bond

JUSTIFICATION: The current budget of \$380,000 was approved by the Board of Trustees at the October, 2010 Board Meeting. The project involves the replacement of the fire alarm control panel and that has triggered a full code compliant upgrade to include new detectors and a voice announcement system throughout floors 1-10.

We received four competitive construction bids for this project on March 31, 2010. The bids ranged from \$381,000 to \$427,250. Construction cost with contingency was expected to total \$355,000 prior to bid opening. The low bid was submitted by Gatch Electrical Contractors, Inc. The budget adjustment requested includes \$25,000 for design and management fees, and \$34,000 for contingency.

**FACILITIES  
ACADEMIC  
LEASE RENEWAL  
FOR APPROVAL**

**APRIL 8, 2011**

DESCRIPTION OF LEASE RENEWAL: This lease renewal is for 4,800 square feet of space including 1.4 acres located at 1786 Anthony Street. The purpose of this lease renewal is to continue to accommodate the University Transportation Services shuttle bus fleet storage, maintenance and operations offices. The per square foot rate for year one of this lease renewal is \$21.74 (rounded). The monthly rental rate will be \$8,694.23 resulting in an annual rent amount of \$104,330.76. This lease will have an automatic 3% annual rent increase.

NEW LEASE AGREEMENT \_\_\_\_\_  
RENEWAL LEASE AGREEMENT   X  

LANDLORD: Charleston Neck Partners, LLC

LANDLORD CONTACT: Gary Shahid, Owner, 284-5776

TENANT NAME AND CONTACT: Business Services, John Runyon, Director, 792-2467

SOURCE OF FUNDS: Business Services Revenue

LEASE TERMS:

RENEWAL TERM: Three (3) years [7/1/2011-6/30/2014]

AMOUNT PER SQUARE FOOT: \$21.74

ANNUALIZED LEASE COST:

Year 1 \$104,330.76

Year 2 \$107,460.68

Year 3 \$110,684.50

TOTAL COST OF RENEWAL TERM: \$322,475.94

EXTENDED TERM(S): Two (2) terms, one (1) year each [7/1/2014-6/30/2016]

Year 4 \$114,005.04

Year 5 \$117,425.19

TOTAL COST OF EXTENDED TERM(S): \$231,430.23

TOTAL COST INCLUDING EXTENDED TERMS: \$553,906.17

OPERATING COSTS:

FULL SERVICE \_\_\_\_\_

NET   X