

**MINUTES**  
**MEDICAL UNIVERSITY OF SOUTH CAROLINA**  
**BOARD OF TRUSTEES MEETING**  
February 12, 2010

The Board of Trustees of the Medical University of South Carolina convened Friday, February 12, 2010, with the following members present: Mr. 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. Thomas C. Rowland, Jr.; Mr. Charles W. Schulze; The Honorable Robin M. Tallon; Dr. James E. Wiseman, Jr. Absent: Dr. Charles B. Thomas, Jr., Chairman; Dr. Paula E. Orr.

The following administrative officials were present: Dr. Raymond S. Greenberg, President; 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; and 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. Mark Sothmann, College of Health Professions; Dr. Jerry Reves, College of Medicine; Dr. Joseph DiPiro, South Carolina College of Pharmacy; Dr. Gail Stuart, College of Nursing.

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

There being a quorum present, Vice 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 Friday, April 9, 2010.

**Item 3. Approval of Minutes of the Regular Meeting of the Medical University of South Carolina Board of Trustees of December 11, 2009.**

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 list of his activities since the last meeting. He introduced Dr. Edward O'Bryan who was an undergraduate at Davidson and came to MUSC where he graduated in 2004 and remained at MUSC to do his internal medicine residency. Since 2008 he has been employed at the VA as an attending physician in emergency medicine and medicine. We have asked him to talk about his medical mission work. He is founder and serves as Chairman of the Board of Trustees of the Palmetto Medical Initiative.

Dr. O'Bryan discussed his medical mission work. Over a year ago, the Palmetto Medical Initiative was established for students to be able to participate in providing healthcare with global standards to developing nations by extending the opportunity to all health professions in South Carolina. The focus has been mostly on Uganda. He discussed the importance of the experience for MUSC students while enhancing the international reputation of MUSC.

Dr. Greenberg said he was very proud of Dr. O'Bryan's accomplishment and for his support of students from all the colleges at MUSC.

Recommendations of Administration: That these reports 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 Dr. Steve Lanier gave a report to committee on research. Research funding is at an all time high with help from Stimulus funds. Dr. Christian Grattan gave a summary of his research 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 7. General Report of the Vice President for Development.**

Statement: Dr. Fishburne stated Mr. Jim Fisher had given a report to committee on institutional advancement. In spite of the recession, giving continues to be strong.

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 stated Mr. Tom Anderson reported to committee on the MUSC Foundation. He clarified a statement given to committee. We are now in the top third of all reporting institutions – number 281 out of 863 reporting institutions.

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 said Mr. Chip Hood had given a good report to committee.

Recommendation of Administration: Received as information.

Recommendation of Committee: Received as information.

Board Action: Received as information.

**Item 10. Other Business.** None

**EDUCATION, FACULTY AND STUDENT AFFAIRS COMMITTEE. CHAIRMAN: MR. MELVYN BERLINSKY. (Detailed committee minutes are attached to these minutes).**

**OLD BUSINESS:** None.

**NEW BUSINESS:**

**Item 11. General Report of the Vice President for Academic Affairs and Provost.**

Statement: Mr. Berlinsky stated Dr. Raymond briefly updated the committee on on-going recruitments to the institution, to include the successful recruitment of Dr. Louis Guillette to the Marine Genomics Center of Economic Excellence Chair, as well as the prospect of two more excellent recruitments to CoEE Chairs that hopefully will be successfully completed in the near future.

Distinguished University Professors, Drs. Creasman, Kraft, and Brady, were recognized for their many remarkable contributions to MUSC. The recipients were honored with special plaques, and with many laudatory comments from their colleagues.

Mr. Sheldon Bates briefly mentioned activities that the SGA had been working on, to include outside smoking issues, safety walks, and Library study space.

Dean Halushka thanked the Board for their support of the Peninsula Grill coconut cake raffle, which funds a graduate student stipend. He also briefed the Board on his meeting with Senator Leatherman on the proposed "Best and Brightest" Program.

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 12. Faculty Contract Modifications.**

Statement: Mr. Berlinsky stated that the Faculty Contract Modifications had been deferred to the April 2010 meeting.

Recommendation of Administration: That the Faculty Contract Modifications be deferred.

Recommendation of Committee: That the Faculty Contract Modifications be deferred.

Board Action: Received as information that the Faculty Contract Modifications had been deferred to the April 2010 meeting.

**Item 13. Approval for Tuition Reduction for the S.C. Victim Assistance Academy.**

Statement: Mr. Berlinsky said that at the request of the National Crime Victims Research and Treatment Center, administration presented for approval a partial waiver (*all inclusive fee of \$125.00 that includes waiver of application fee and record fee*) of tuition for students who take the May 2010 distance education course for the National Victim Assistance Academy for academic credit at MUSC.

Recommendation of Administration: That the Tuition Reduction for the S. C. Victim Assistance Academy be approved.

Recommendation of Committee: That the Tuition Reduction for the S. C. Victim Assistance Academy be approved.

Board Action: A motion was made, seconded and unanimously voted to approve the tuition reduction for the SC Victim Assistance Academy.

**Item 14. Addition of Endodontics Track to MSD Program.**

Statement: Mr. Berlinsky stated that, at the request of the Dean of the College of Dental Medicine, administration presented for approval the addition of an Endodontics Track to the Master of Science in Dentistry Program, effective February 12, 2010.

Recommendation of Administration: That this addition of an Endodontics Track to the MSD Program be approved.

Recommendation of Committee: That this addition of an Endodontics Track to the MSD Program be approved.

Board Action: A motion was made, seconded and unanimously voted to approve the addition of an Endodontics Track to the MSD Program.

**Item 15. Other Committee Business.**

A. Tenure Recommendations:

Statement: Administration requested that the effective date of tenure recommendations that were approved at the December 2009 Board meeting be changed from December 11, 2009 to January 1, 2010:

College of Health Professions

**Lisa K. Saladin, Ph.D.**, Professor, Health Professions

College of Medicine

**Leonard E. Egede, M.B.B.S., M.S.C.R.**, Associate Professor, Department of Medicine, Division of General Internal Medicine

**Stuart M. Leon, M.D.**, Associate Professor, Department of Surgery, Division of General Surgery

**Peter M. Miller, M.D.**, Professor, Department of Psychiatry and Behavioral Sciences; joint appointment in the Department of Stomatology, College of Dental Medicine

**Frederick S. Nolte, Ph.D.**, Professor, Department of Pathology and Laboratory Medicine

**Robert P. Turner, M.D., M.S.C.R.**, Associate Professor Department of Neurosciences, Division of Neurology; with dual appointment in the Departments of Biostatistics, Bioinformatics and Epidemiology, and Pediatrics

**Arno Wessels, Ph.D.**, Research Associate Professor, Department of Cell Biology and Anatomy

College of Nursing

**Teresa J. Kelechi, Ph.D. R.N.**, Associate Professor, College of Nursing

South Carolina College of Pharmacy

**Patrick D. Mauldin, Ph.D.**, Associate Professor, Clinical Pharmacy and Outcomes Sciences

Recommendation of Administration: That the effective date of tenure recommendations that were approved at the December 2009 Board meeting be changed from December 11, 2009 to January 1, 2010.

Recommendation of Committee: That the effective date of tenure recommendations that were approved at the December 2009 Board meeting be changed from December 11, 2009 to January 1, 2010.

Board Action: A motion was made, seconded and unanimously voted to approve the effective date of tenure recommendations that were approved at the December 2009 Board meeting be changed from December 11, 2009 to January 1, 2010.

**Item 16. University Center Designations (Consent Agenda).**

Statement: Statement: At the request of Dean of the College of Medicine, administration presented for approval, center designation for the following centers, effective February 12, 2010:

**Center for Biostatistics and Epidemiology  
Head and Neck Tumor Center**

Recommendation of Administration: That university center designations for the Center for Biostatistics and Epidemiology and the Head and Neck Tumor Center be approved.

Recommendation of Committee: That university center designations for the Center for Biostatistics and Epidemiology and the Head and Neck Tumor Center be approved.

Board Action: A motion was made, seconded and unanimously voted to approve the university center designations as presented.

**Item 17. Faculty Appointments (Consent Agenda).**

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

College of Health Professions

**Steven A. Kautz, Ph.D.**, Professor with tenure, and Chair of the Department of Health Sciences and Research, College of Health Professions, effective January 1, 2010.

College of Medicine

**Frank Crawford. Stewart, III, M.D.**, as Associate Professor, on the Clinician Educator track, in the Department of Anesthesia and Perioperative Medicine, effective February 1, 2010

**Kelly L. Grogan, M.D.**, as Associate Professor, on the Clinician Educator track, in the Department of Anesthesia and Perioperative Medicine, effective February 1, 2010

**Charles G. Jackson, M.D.**, as Professor (on the Clinician Educator track) in the Department of Otolaryngology – Head and Neck Surgery, effective February 1, 2009.

**Ayad A. Jaffa, Ph.D.**, as Professor with tenure in the Department of Medicine, Division of Endocrinology, effective January 1, 2010.

**Joseph M. Jenrette, M.D.**, (dual appointment) as Professor, in the Department of

Neurosciences, Division of Neurological Surgery, effective January 1, 2010. Dr. Jenrette's primary appointment rests in the Department of Radiation Oncology **Meera Narasimham, M.D.**, as Adjunct Professor in the Department of Psychiatry and Behavioral Sciences, effective November 15, 2009.

College of Nursing

**Mary K. Maeve, Ph.D., R.N.**, as Clinical Associate Professor, College of Nursing, effective January 1, 2010.

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 18. Changes in Faculty Status (Consent Agenda).**

Statement: At the request of the Dean of the Colleges of Medicine, Pharmacy and Nursing, administration presented the following requests for changes in faculty status:

College of Medicine

**Tim C. McQuinn, M.D.**, from Professor to Adjunct Professor in the Department of Pediatrics, Division of Cardiology, effective September 1, 2009.

**Kerry D. Solomon, M.D.**, from Professor to Clinical Professor in the Department of Ophthalmology, effective December 2, 2009.

South Carolina College of Pharmacy

**Arnold W. Karig, Ph.D.**, from Professor and Dean to Professor and Dean Emeritus, effective January 31, 2010.

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

Recommendation of Committee: That these changes in faculty status be approved, with the exception of Dr. Kerry Solomon's faculty status, which will be considered at a future date.

Board Action: A motion was made, seconded and unanimously voted to approve the changes in faculty status with the exception of Dr. Kerry Solomon's faculty status, which will be considered at a future date.

**Item 19. Distinguished University Professors.**

Statement: Administration present as information, the following Distinguished University Professor designations, effective January 1, 2010:

**Joseph G. Reves, M.D.**, Professor, Department of Anesthesia and Perioperative Medicine, College of Medicine

**Kathleen T. Brady, M.D., Ph.D.**, Professor, Department of Psychiatry and Behavioral Sciences, College of Medicine

**William T. Creasman, M.D.**, Professor, Department of Obstetrics and Gynecology

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

Recommendation of Administration: That these Distinguished University Designations be received as information.

Recommendation of Committee: That these Distinguished University Designations 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 20. Financial Status Report of the Medical University of South Carolina.**

Statement: Mr. Schulze said Mr. Wamsley presented a report to the committee on the finances of the University and reported the University finances were 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 21. Financial Status Report of University Medical Associates.**

Statement: Mr. Schulze said a report had been presented to the committee by Ms. Gina Ramsey on the finances of University Medical Associates. The operating results of UMA continue to be positive.

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 22. Financial Status Report of the MUSC Foundation for Research Development.**

Statement: Mr. Schulze said no report was given to the committee on the 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 23. Other Committee Business.** None

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

**OLD BUSINESS:** None.

**NEW BUSINESS:**

**Item 24. Facilities Procurements/Contracts**

Statement: Mr. Bingham presented the following for approval:

- Harborview Office Tower Renovations for Neurosciences Clinic. Estimated Budget: \$3.3M
- SCE&G Power Line Easement Exchange for line that serves 20 Ehrhardt Street.
- Advertise for IDC - General Construction Services and IDC - Electrical Engineering Services for a two-year period.

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

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

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

**Item 25. Update on Projects.**

Statement: Mr. Bingham stated that Mr. Malmrose had given an update to Committee 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 26. Other Committee Business.** None

**Item 27. Facilities Contracts Awarded (Consent Item).**

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:**  
**THOMAS L. STEPHENSON, ESQUIRE (Detailed committee minutes are attached to these minutes).**

**OLD BUSINESS:** None

**NEW BUSINESS:**

**Item 28. Report of Internal Auditor.**

Statement: Mr. Stephenson stated a report had been provided to the board by the Internal Auditor.

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 29. Other Committee Business.** None

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

**Item 30. 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 31. New Business for the Board of Trustees.**

Statement: Dr. O'Bryan suggested that the professional music at Commencement this year be changed from "America the Beautiful" to the "Star-Spangled Banner."

Board Action: It was the consensus of the Board that the music at Commencement be the "Star-Spangled Banner."

**Item 32. Report from the Chairman.**

None.

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

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "H.B. Faulkner III".

Hugh B. Faulkner III  
Secretary

/wcj  
Attachments

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

February 12, 2010

**REGULAR AGENDA**

Item 11. General Report of the Vice President for Academic Affairs

Statement: Dr. Raymond briefly updated the Board on ongoing recruitments to the institution, to include the successful recruitment of Dr. Louis Guillette to the Marine Genomics Center of Economic Excellence Chair, as well as the prospect of two more excellent recruitments to CoEE Chairs that hopefully will be successfully completed in the near future.

Distinguished University Professors, Drs. Creasman, Kraft, and Brady, were recognized for their many remarkable contributions to MUSC. The recipients were honored with special plaques, and with many laudatory comments from their colleagues.

Mr. Sheldon Bates briefly mentioned activities that the SGA had been working on, to include outside smoking issues, safety walks, and Library study space.

Dean Halushka thanked the Board for their support of the Peninsula Grill coconut cake raffle, which funds a graduate student stipend. He also briefed the Board on his meeting with Senator Leatherman on the proposed "Best and Brightest" Program.

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

Recommendation of Committee:

Board Action:

Item 12. Faculty Contract Modifications

Statement: Administration will present MUSC Faculty Contract Modifications, effective February 12, 2010:

Recommendation of Administration: That Faculty Contract Modifications be deferred until the April 2010 Board meeting.

Recommendation of Committee: That Faculty Contract Modifications be deferred until the April 2010 Board meeting.

Board Action:

Item 13. Approval for Tuition Reduction for the S.C. Victim Assistance Academy

Statement: At the request of the National Crime Victims Research and Treatment Center, administration presented for approval a partial waiver (*all inclusive fee of \$125.00 that includes waiver of application fee and record fee*) of tuition for students who take the May 2010 distance education course for the National Victim Assistance Academy for academic credit at MUSC.

Recommendation of Administration: That the Tuition Reduction for the S. C. Victim

Assistance Academy be approved.

Recommendation of Committee: That the Tuition Reduction for the S. C. Victim Assistance Academy be approved.

Board Action:

Item 14. Addition of Endodontics Track to MSD Program

Statement: At the request of the Dean of the College of Dental Medicine, administration presented for approval the addition of an Endodontics Track to the Master of Science in Dentistry Program, effective February 12, 2010

Recommendation of Administration: That this addition of an Endodontics Track to the MSD Program be approved.

Recommendation of Committee: That this addition of an Endodontics Track to the MSD Program be approved.

Board Action:

Item 15. Other Committee Business

A. Tenure Recommendations:

Statement: Administration requested that the effective date of tenure recommendations that were approved at the December 2009 Board meeting be changed from December 11, 2009 to January 1, 2010:

College of Health Professions

**Lisa K. Saladin, Ph.D.**, Professor, Health Professions

College of Medicine

**Leonard E. Egede, M.B.B.S., M.S.C.R.**, Associate Professor, Department of Medicine, Division of General Internal Medicine

**Stuart M. Leon, M.D.**, Associate Professor, Department of Surgery, Division of General Surgery

**Peter M. Miller, M.D.**, Professor, Department of Psychiatry and Behavioral Sciences; joint appointment in the Department of Stomatology, College of Dental Medicine

**Frederick S. Nolte, Ph.D.**, Professor, Department of Pathology and Laboratory Medicine

**Robert P. Turner, M.D., M.S.C.R.**, Associate Professor Department of Neurosciences, Division of Neurology; with dual appointment in the Departments of Biostatistics, Bioinformatics and Epidemiology, and Pediatrics

**Arno Wessels, Ph.D.**, Research Associate Professor, Department of Cell Biology and Anatomy

College of Nursing

**Teresa J. Kelechi, Ph.D. R.N.**, Associate Professor, College of Nursing

South Carolina College of Pharmacy

**Patrick D. Mauldin, Ph.D.**, Associate Professor, Clinical Pharmacy and Outcomes Sciences

Recommendation of Administration: That the effective date of tenure recommendations that were approved at the December 2009 Board meeting be changed from December 11, 2009 to January 1, 2010:

Recommendation of Committee: That the effective date of tenure recommendations that were approved at the December 2009 Board meeting be changed from December 11, 2009 to January 1, 2010:

Board Action:

and Behavioral Sciences, effective November 15, 2009.

College of Nursing

**Mary K. Maeve, Ph.D., R.N.**, as Clinical Associate Professor, College of Nursing, effective January 1, 2010.

Recommendation of Administration: That these faculty appointments be approved.

Recommendation of Committee: That these faculty appointments be approved.

Board Action:

Item 18. Changes in Faculty Status

Statement: At the request of the Dean of the Colleges of Medicine, Pharmacy and Nursing, administration presented the following requests for changes in faculty status:

College of Medicine

**Tim C. McQuinn, M.D.**, from Professor to Adjunct Professor in the Department of Pediatrics, Division of Cardiology, effective September 1, 2009.

**Kerry D. Solomon, M.D.**, from Professor to Clinical Professor in the Department of Ophthalmology, effective December 2, 2009.

South Carolina College of Pharmacy

**Arnold W. Karig, Ph.D.**, from Professor and Dean to Professor and Dean Emeritus, effective January 31, 2010.

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

Recommendation of Committee: That these changes in faculty status be approved, with the exception of Dr. Kerry Solomon's faculty status, which will be considered at a future date.

Board Action:

**INFORMATIONAL ITEM (to be received as information)**

Item 19. Distinguished University Professors

Statement: Administration present as information, the following Distinguished University Professor designations, effective January 1, 2010:

**Joseph G. Reves, M.D.**, Professor, Department of Anesthesia and Perioperative Medicine, College of Medicine

**Kathleen T. Brady, M.D., Ph.D.**, Professor, Department of Psychiatry and Behavioral Sciences, College of Medicine

**William T. Creasman, M.D.**, Professor, Department of Obstetrics and Gynecology

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

Recommendation of Administration: That these Distinguished University Designations be received as information.

Recommendation of Committee: That these Distinguished University Designations be received as information.

Board Action:



**EDUCATION, FACULTY AND STUDENT AFFAIRS COMMITTEE. CHAIRMAN: MR. MELVYN BERLINSKY**  
February 12, 2010

**CONSENT AGENDA**

Item 16. University Center Designations

**Statement:** At the request of Dean of the College of Medicine, administration presented for approval, center designation for the following centers, effective February 12, 2010.

**Center for Biostatistics and Epidemiology  
Head and Neck Tumor Center**

Recommendation of Administration: That university center designations for the Center for Biostatistics and Epidemiology and the Head and Neck Tumor Center be approved.

Recommendation of Committee: That university center designations for the Center for Biostatistics and Epidemiology and the Head and Neck Tumor Center be approved.

Board Action: Approved.

Item 17. Faculty Appointments

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

College of Health Professions

**Steven A. Kautz, Ph.D.**, Professor with tenure, and Chair of the Department of Health Sciences and Research, College of Health Professions, effective January 1, 2010.

College of Medicine

**Frank Crawford. Stewart, III, M.D.**, as Associate Professor, on the Clinician Educator track, in the Department of Anesthesia and Perioperative Medicine, effective February 1, 2010

**Kelly L. Grogan, M.D.**, as Associate Professor, on the Clinician Educator track, in the Department of Anesthesia and Perioperative Medicine, effective February 1, 2010

**Charles G. Jackson, M.D.**, as Professor (on the Clinician Educator track) in the Department of Otolaryngology – Head and Neck Surgery, effective February 1, 2009.

**Ayad A. Jaffa, Ph.D.**, as Professor with tenure in the Department of Medicine, Division of Endocrinology, effective January 1, 2010.

**Joseph M. Jenrette, M.D.**, (dual appointment) as Professor, in the Department of Neurosciences, Division of Neurological Surgery, effective January 1, 2010. Dr. Jenrette's primary appointment rests in the Department of Radiation Oncology

**Meera Narasimham, M.D.**, as Adjunct Professor in the Department of Psychiatry

**Medical University of South Carolina**

**RESEARCH AND INSTITUTIONAL ADVANCEMENT COMMITTEE**

**MINUTES**

**Thursday, February 11, 2010**

Committee Members Present: Mr. William H. Bingham, Sr., Dr. Cotesworth P. Fishburne, Jr., (Chair), Mr. William B. Hewitt, 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, Conyers O'Bryan, Jr., Dr. Charles B. Thomas, Jr.

Others Present: Mr. Thomas P. Anderson, Dr. Philip Costello, Mr. Jim Fisher, Dr. Raymond S. Greenberg, Mr. William C. Hood, Dr. Perry Halushka, Dr. Stephen M. Lanier, Dr. John R. Raymond, Dr. Jerry G. Reves, Dr. Marilyn Schaffner, Dr. Charles Smith, Mr. Maurice Snook, Dr. Joann Sullivan

**Regular Agenda**

Item 6. General Report of the Associate Provost for Research

Dr. Lanier reported that extramural awards for grants and contracts to date total \$145.9M compared to \$115.8M at this time in FY09. The increase primarily results from ARRA (American Reinvestment and Recovery Act) awards during this past year, which total \$29.7M. Dr. Lanier presented a slide showing the breakdown by general funding source. He noted that NIH awards to MUSC are ahead of last year by \$14M, but that corporate funding is down by \$8-10M.

Dr. Lanier emphasized the importance of partnerships between MUSC and other SC institutions, and discussed different examples of how research partnerships operate in SC, and their many benefits including facilitating educational training, research partnerships, and infrastructure development. He noted that in FY09, sub-contracts to MUSC from extramural awards to other SC colleges and universities total \$5.8M, and \$2.3M is subcontracted to other SC colleges and universities from extramural awards to MUSC. In FY09 MUSC also received competitive funding from the South Carolina Research Authority (\$2.3M) and from the Centers of Economic Excellence program (\$13M).

The NSF EPSCoR RII Track 1 award for tissue biofabrication directed by Dr. Roger Markwald at MUSC was presented as a perfect example of a robust SC partnership involving eight colleges and universities including Claflin, Clemson, Furman, SC State, USC, USC Beaufort and Voorhees.

Other examples of partnerships are the collaborative projects between Dr. Charles Smith (MUSC) and Dr. Christian Grattan at Winthrop University, Dr. Peter Kalivas (MUSC) and Dr. Judith Grisel at Furman University, and Dr. Dan Knapp (MUSC) and Dr. Thomas Jerse at the Citadel.

These different partnerships are created through various mechanisms, one being the SC INBRE (IDeA Networks of Biomedical Research Excellence), in which MUSC serves as a mentor institution.

With the discussion of the SC INBRE, Dr. Lanier introduced T. Christian Grattan, PhD, Associate Professor of Chemistry at Winthrop University. Dr. Grattan gave a summary of his research on the "Design, Synthesis and Evaluation of Novel Sphingosine Kinase Inhibitors", which has been facilitated by a collaboration with Dr. Charles Smith and MUSC's Drug Discovery Core.

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 February 5, 2010, MUSC's Capital Campaign, *A Partnership of Promise*, has accrued more than \$321M in new gifts and pledges, exceeding the goal of \$300M. He reported that fundraising through 1/31/10 totals \$38M in comparison to \$42M for the same period last year. Four commitments of >\$1M have been made since the December meeting of the Board of Trustees. Mr. Fisher summarized the donors, beneficiaries and amounts of the major gifts and pledges received, which are also provided in the Board Agenda book.

Mr. Fisher also noted the formal dedication, grand opening, and re-naming of the Dental Clinic Building in honor of President Emeritus James B. Edwards, which will be held during Dental Alumni Weekend, February 26-28, 2010 at 10:00 am. The College of Medicine will be holding their Alumni Homecoming on March 19-20, 2010. He also noted that Stephen Colbert auctioned several items from his set, including the desk where he holds his interviews on the show, the proceeds of which went to MUSC's Endowed Chairs program.

Board members noted that the Office of Development deserves special commendation for the remarkable progress they have made during these economically-challenging times.

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. Anderson reported that year-to-date (12/31/09) return on endowment investment was 24.3%, compared to a 19.7% benchmark composed of S&P 500, EAFE and Barclays returns. The 2-yr and 3-yr returns are down but the 5-yr return is positive at 2.5%. Mr. Anderson also reported on the savings that will accrue to MUSC as a result of negotiating bank-qualified, tax-exempt financing to replace conventional financing on several properties, an action approved by the Board in December 2009. The MUSC Foundation closed a total of \$44M in real estate refinancing with a new interest rate of 2.9850%, down from 4.4875%, which will result in savings of \$125,000/quarter in rent abatement that will be returned to MUSC via unrestricted grants. Mr. Anderson also reported on MUSC's ranking in gift and endowments. The Foundation achieved record assets as of 12/31/09 totaling \$328M. Additional progress on the Horizon Project Memorandum of Understanding (MOU) between the MUSC Foundation, City of Charleston, and SCRA will be reported at the next meeting.

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 reported that two License Agreements are pending final review and execution. Three term sheets are in final stages, including a diagnostic that could enter the market in about one year. Mr. Hood also noted that the economy continues to negatively impact tech transfer activities. Many industries have put outsourcing, licensing, etc on hold as

they increasingly look to universities to conduct basic R&D. The FRD aims to increase profitable corporate revenue. For example, building on the success of a pilot project led by Dr. Halushka, the FRD is expanding the use of technology commercialization teams.

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

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

Board Action:

**Medical University of South Carolina  
Physical Facilities Committee  
February 11, 2010  
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. Donald Johnson, II  
Dr. E. Conyers O'Bryan, Jr.  
Dr. Thomas C. Rowland, Jr.  
Mr. Charles W. Schulze  
Thomas L. Stephenson, Esquire  
The Honorable Robin M. Tallon  
Dr. Charles B. Thomas, Jr.  
Dr. James E. Wiseman, Jr.  
Dr. Raymond S. Greenberg  
Ms. Susan H. Barnhart  
Dr. Frank Clark  
Mr. John Cooper

Dr. Phil Costello  
Ms. Annette Drachman  
Mr. Jim Fisher  
Mr. Dennis Frazier  
Mr. Steve Hargett  
Ms. Sarah King  
Dr. Steve Lanier  
Mr. John Malmrose  
Mr. Stewart Mixon  
Ms. Lisa Montgomery  
Ms. Jennifer Pearce  
Ms. Gina Ramsey  
Dr. Jerry Reves  
Mr. Stuart Smith  
Mr. Maurice Snook

Mr. Bingham called the meeting to order.

**REGULAR Items**

**Item 24. Facilities Procurements/Contracts**

Mr. John Malmrose presented the following for approval:

- Harborview Office Tower Renovations for Neurosciences Clinic. Estimated Budget: \$3.3M
- SCE&G Power Line Easement Exchange for line that serves 20 Ehrhardt Street.
- Advertise for IDC - General Construction Services and IDC – Electrical Engineering Services for a two-year period.

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

**Item 25. Update on Projects.**

Mr. John Malmrose reported that Mr. Bingham, Drs. Wiseman and Rowland had interviewed firms to provide Indefinite Delivery Contract - Electrical Engineering services to the University. The two firms were selected: DWG, Inc. and GWA, Inc. He also reported on various University projects: Energy Savings Project, Drug Discovery Building, Bio-Engineering Building, CODM pedestrian bridge, Microbiology/Immunology renovation – 2<sup>nd</sup> floor BSB, Hazardous Weather Upgrades.

Dr. Frank Clark asked about an emergency generator for IT loads in the Harborview Office Tower. Mr. Malmrose responded he would put that project on the list to be considered for funding next year.

Recommendation of Committee: Received as information.

**Item 26. Other Committee Business. None**

**CONSENT Items for Information:**

**Item 27.      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

**COMMITTEE ON FINANCE AND ADMINISTRATION**  
**February 11, 2010**  
**Minutes**

**Attendees:**

Mr. Charles W. Schulze, Chair  
Dr. Stanley C. Baker, Jr.  
Mr. Melvyn Berlinsky  
Mr. William H. Bingham, Sr.  
Dr. Cotesworth P. Fishburne, Jr.  
Mr. William B. Hewitt  
Dr. Donald Johnson, II  
Dr. E. Conyers O'Bryan, Jr.  
Dr. Thomas C. Rowland, Jr.  
Thomas L. Stephenson, Esquire  
The Honorable Robin M. Tallon  
Dr. Charles B. Thomas, Jr.  
Dr. James E. Wiseman, Jr.  
Dr. Raymond S. Greenberg  
Ms. Susan H. Barnhart  
Dr. Frank Clark  
Mr. John Cooper

Dr. Phil Costello  
Ms. Annette Drachman  
Ms. Susie Edwards  
Mr. Dennis Frazier  
Mr. Steve Hargett  
Ms. Sarah King  
Dr. Steve Lanier  
Mr. John Malmrose  
Ms. Lisa Montgomery  
Mr. Stewart Mixon  
Ms. Jody O'Donnell  
Ms. Gina Ramsey  
Dr. Jerry Reves  
Mr. Stuart Smith  
Mr. Maurice Snook  
Mr. Steve Valerio  
Mr. Patrick Wamsley

Mr. Schulze called the meeting to order.

**REGULAR Items**

**Item 20. Financial Status Report of the Medical University of South Carolina**

Mr. Patrick Wamsley reported a positive change in Net Assets of \$32.5 million on the December 31, 2009 University Statement of Revenues, Expenses and Changes in Net Assets (SRECNA). He also reported a positive Current Funds balance of \$7.4 million, which reflects a favorable budget variance. Operating Cash remained strong at \$85 million, which represented 68 Days of Operating Cash. Mr. Wamsley explained that the favorable SRECNA bottom-line was largely due to "below the line" additions such as Capital Appropriations and Additions to Endowment, as well as State Stimulus funds received.

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

**Item 21. Financial Status Report of University Medical Associates**

Ms. Gina Ramsey reported the first six months of the fiscal year had been good. As of December 2009, days cash on hand was 232; debt service coverage was 8.72; the operating margin was 19.7%; the margin was 3.7%.

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

**Item 22. Financial Status Report of the MUSC Foundation for Research Development**

No report.

Recommendation of Committee: That this report be received as information

**Item 23. Other Committee Business.** None

CONSENT AGENDA

None.

There being no further business, the meeting was adjourned.



**Medical University of South Carolina  
Audit Committee  
February 11, 2010  
Minutes**

**Attendees:**

Thomas L. Stephenson, Esquire, Chair  
Dr. Stanley C. Baker, Jr.  
Mr. Melvyn Berlinsky  
Mr. William H. Bingham, Sr.  
Dr. Cotesworth P. Fishburne, Jr.  
Mr. William B. Hewitt  
Dr. Donald Johnson, II  
Dr. E. Conyers O'Bryan, Jr.  
Dr. Thomas C. Rowland, Jr.  
Mr. Charles W. Schulze  
The Honorable Robin M. Tallon  
Dr. Charles B. Thomas, Jr.  
Dr. James E. Wiseman, Jr.  
Dr. Raymond S. Greenberg  
Ms. Susan H. Barnhart

Dr. Phil Costello  
Ms. Annette Drachman  
Ms. Lisa Montgomery  
Ms. Jody O'Donnell  
Ms. Gina Ramsey  
Dr. John Raymond  
Dr. Jerry Reves  
Ms. Darlene Shaw  
Ms. Reece Smith  
Mr. Stuart Smith  
Mr. Maurice Snook  
Dean Mark Sothmann  
Mr. Steve Valerio

Mr. Stephenson called the meeting to order.

**REGULAR Items**

**Item 28.      Report of the Internal Auditor.**

Mr. Stephenson reported Ms. Susan Barnhart had provided audit information to the Board and if they had any questions, she was available to respond.

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

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

Respectfully Submitted,

  
Celeste Jordan



National Crime Victims  
Research & Treatment Center  
Department of Psychiatry & Behavioral Sciences  
67 President Street MSC 861  
Charleston, SC 29425  
Tel 843 792 2945  
Fax 843 792 3388  
<http://www.musc.edu/nrcvc>

January 5, 2010

**MEMORANDUM**

To: MUSC Board of Trustees

From: Dean G. Kilpatrick, Ph.D.  
University Distinguished Professor and Director  
National Crime Victims Research and Treatment Center

Re: Request for Tuition Reduction for South Carolina Victim Assistance Academy  
(SCVAA) 2010 Training

I respectfully request that MUSC approve a reduction in tuition for the South Carolina Victim Assistance Academy (SCVAA) course to be offered in May, 2010. The SCVAA course is being developed and offered in conjunction with the S.C. Governor's Office, State Office of Victim Assistance and is funded by a grant from the U.S. Department of Justice Office for Victims of Crime. The purpose of this grant is to develop and implement an academically-based curriculum and standards for criminal justice system and community-based advocates who work with crime victims.

The SCVAA will offer a 40 contact hour, 3 credit academic course titled "Fundamentals in Crime Victim Advocacy". MUSC's role in this project is to develop the curriculum for that course and to provide academic oversight for it. SCVAA concepts and technical materials are based on The National Victim Assistance Academy and were done so by my efforts several years ago.

All training activities associated with this course will occur off the MUSC campus, specifically at a local hotel in Columbia, SC. Thus, the course will not require any use of MUSC classroom space or other campus facilities. The SCVAA is a high profile activity that will provide training to individuals from numerous states, as well as nonprofit agencies, and a reduction in tuition by MUSC would reflect well and be greatly appreciated. There is a precedent for this reduction in that the Board of Trustees previously approved a reduction for the same course each year beginning in 2006 and a similar course offered as a part of the National Victim Assistance Academy beginning in 1998. We expect approximately 60 individuals to attend the 2010 SCVAA course, representing many disciplines (domestic violence shelters, rape crisis centers, criminal justice, and the mental health field); however, not all attendees will seek academic credit. Based on these special circumstances, I propose that an all inclusive fee of \$125 be applied to this 3 credit hour, off-campus course. This reduction in fee would include a waiver of the application fee and the record fee. *Note:* Based on previous years' experiences, we anticipate that fewer than 10% will sign up for this course.

Thank you very much for your consideration of this request. If there are further questions about this project and I can be reached at ext. 2945.

DGK/vlc



College of Dental Medicine  
Office of The Dean  
173 Ashley Avenue BSB 447  
MSC 507  
Charleston SC 29425-5070  
Tel 843 792 3811  
Fax 843 792 1376  
[cdmdean@musc.edu](mailto:cdmdean@musc.edu)

December 17, 2009

John R. Raymond, M.D.  
Vice President for Academic Affairs and Provost  
Medical University of South Carolina  
Charleston, South Carolina 29425

Dear Dr. Raymond:

This is a request to add our newly approved Endodontic residency program as a tract in our MSD program. At the time the MSD program was approved, the understanding with the CHE was that as new dental residencies were established at the CDM they could be added as tracts within the MSD program.

I have enclosed a letter from Dr. Levitan requesting that Endodontic residency program be added to our MSD degree program. I have also enclosed the complete CHE application as background.

I clearly endorse Dr. Levitan's request and request favorable consideration at the Dean's and President's Councils.

Sincerely yours,

A handwritten signature in black ink, appearing to read "John J. Sanders".

John J. Sanders, D.D.S.  
Professor and Dean  
College of Dental Medicine

16 November 2009

**ENDODONTICS ADDED TO EXISTING M.S.D. TRACK**

The Post-Graduate Residency in Endodontics has been given "initial accreditation" status by CODA (Council on Dental Accreditation) as a two year combined Certificate and M.S.D. degree program.

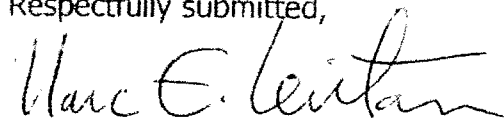
This request is to add this Post-Graduate Residency in Endodontics to a previously CHE approved M.S.D. multiple track program.

The multiple track M.S.D. format was designed with the understanding that as new dental residency programs were developed, they would be added as additional tracks in the M.S.D. program. Current tracks in the program are Post-Graduate Periodontics and Pediatric Dentistry.

CODA has approved 3 residents per year.

Thank you for your consideration of this proposal.

Respectfully submitted,



Marc E. Levitan, D.D.S.  
Director, Post-Graduate Endodontics  
College of Dental Medicine

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

**November 17, 2009**

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**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**

**Addition of Endodontics track to Master of Science in  
Dentistry (MSD)**

**College of Dental Medicine**

**Medical University of South Carolina**

**Proposed date of implementation: July 1, 2010**

**Master of Science in Dentistry degree**

**CIP code: 510502**

**Site Identifier Code: 5051**

**Proposal is a Program Modification**

## **JUSTIFICATION**

The College of Dental Medicine (CDM) offers fully accredited residency programs in Oral and Maxillofacial Surgery, Orthodontics, Pediatric Dentistry and Periodontics. On May 1, 2008, the South Carolina Commission on Higher Education approved the creation of the Master of Science in Dentistry (MSD) degree that is linked to the clinical residencies in Orthodontics, Pediatric Dentistry and Periodontics. The MSD program enrolled its first students in July 1, 2008, as both MSD candidates and residents in the Periodontics program.

The College of Dental Medicine has recently received notification from the Commission on Dental Accreditation of the American Dental Association that the residency program in Endodontics has been granted initial accreditation. This clinical residency, like the existing programs at MUSC, should be linked to the MSD degree and this proposal is to make that modification in the MSD program.

The approval of the MSD by the South Carolina Commission on Higher Education eliminated a number of problems and concerns related to the clinical residency programs and concurrent masters level studies. Traditionally the residency programs had 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 had 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 the Master of Health Sciences (MHS) or Master of Science (MS) degrees respectively. The MHS degree program no longer accepted new students as of July 1, 2008, which was the date the MSD program began. 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 was 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 had reviewed the matter carefully and had 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 had 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 needed to offer the 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 to 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 is 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 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 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. The establishment of a Master's program allows us to remain competitive in attracting and training the best residents.

The MSD degree program will continue to be offered to and open to only 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 completion of a research project, writing of a thesis/manuscript, thesis defense, and the concurrent successful completion of clinical training.

The MSD program is fully operational 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.

The addition of the clinical residency program in Endodontics will meet an existing, unsatisfied need in supplying qualified graduates in this specialty area to South Carolina. Similar to the programs in Periodontics, Orthodontics and Pediatric Dentistry, there is no duplication of programs with the addition of the Endodontics program as only MUSC College of Dental Medicine offers these programs in South Carolina. The residents in Endodontics will complete a 26 month clinical program and will complete the MSD degree concurrently with the clinical program.

## **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 fifty-three university based Residencies in Endodontics, for example, 22 offer a certificate of clinical specialization with a concurrent Masters degree. Of those twenty-two, the combination of clinical residency and Masters degree requires 24-27 months at 17 and requires 36 months at five. If the Masters degree is not a component of the Residency program in Endodontics at MUSC 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 MSD degree program augments and strengthens 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 incorporates several excellent courses currently offered in the College of Graduate Studies and College of Health Professions at MUSC and takes advantage of research opportunities offered by the MUSC Colleges for partial fulfillment of requirements of the program. The Deans of MUSC Colleges are supportive of the establishment of such collaborations and the proposed addition of the Endodontics track to the MSD 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 are 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 MSD degree program have the opportunity to pursue research projects in collaboration with NIDCR.

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

### **ENROLLMENT**

Admissions criteria for the proposed MSD program 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 (e.g., D.D.S., D.M.D., B.D.S.)

Adequate score on the Graduate Records Examination (GRE)

Residents will have to satisfy all requirements of the corresponding specialty group  
(e.g., American Academy of Periodontology, American Association of  
Orthodontists, American Association of Endodontists, etc.)

Fluency in English as both a spoken and written language

The addition of the Endodontics track to the MSD program will increase the enrollment projections provided for the MSD without the Endodontics track. It is anticipated that three residents will be accepted into the Endodontics residency each year and thus will represent three additional MSD candidates. There will be no graduates of the MSD Endodontics program the first year; but thereafter, three graduates each year are anticipated.

PROJECTED TOTAL ENROLLMENT** Reflecting the addition of the Endodontics track						
YEAR	FALL		SPRING		SUMMER	
	Headcount	Credit Hours	Headcount	Credit Hours	Headcount	Credit Hours
2010-2011	16	154	16	154	16	132
2011-2012	22	154	22	154	22	132
2012-2013	21	154	21	154	21	132
2013-2014	21	154	21	154	21	132
2014-2015	21	154	21	154	21	132

ESTIMATED NEW ENROLLMENT** Reflecting the addition of the Endodontics track						
YEAR	FALL		SPRING		SUMMER	
	Headcount	Credit Hours	Headcount	Credit Hours	Headcount	Credit Hours
2010-2011	8	56	0		0	
2011-2012	8	56	0		0	
2012-2013	7	56	0		0	
2013-2014	7	56	0		0	
2014-2015	7	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):**

<b><u>Course Name</u></b>	<b><u>Course Number</u></b>	<b><u>Credit Hours</u></b>
Research Methodologies	CRFB 800	2
Statistical Methods	GDENT 807	2
Graduate Dental CORE	STOMA 861	2
Advanced Radiology	STOMA 834	2
Advanced Oral and Maxillofacial Pathology	STOMA 868	2
Nutrition	GDENT 803	0.5
Oral Medicine	STOMA 878	2
Research/Thesis (repeated 4 semesters)	STOMA 899	4
Practice Management	STOMA 842	2

**TOTAL CORE CREDIT HOURS: 18.5**

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.

Many courses that will be part of the MSD Endodontics track 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  
ENDODONTICS PROGRAM (TO BE TAKEN IN 2 YEARS):**

<u>Course Name</u>	<u>Course Number</u>	<u>Credit Hours</u>
Oral Biology and Immunology	MBIM 610	3.5
Adjunctive Orthodontics	PEDOR 888	1
Implant Dentistry	RMPRO 830	1
Oral Microbiology	STOMA 701	2
Conscious Sedation	STOMA 875	4
Molecular Biology	STOMA 876	2
Advanced Endodontics I (Classic and Current Literature Review)	GENDO 810	2
Advanced Endodontics II (Classic and Current Literature Review)	GENDO 820	2
Advanced Endodontics III (Classic and Current Literature Review)	GENDO 830	2
Advanced Endodontics IV (Classic and Current Literature Review)	GENDO 840	2
Endodontics Treatment Planning and Case Presentation Seminar (taken every semester)	GENDO 850	1 per semester 6 total

**TOTAL DIDACTIC CREDIT HOURS: 27.5**

**CLINICAL ENDODONTICS (TO BE TAKEN IN 2 YEARS):**

<b><u>COURSE NAME</u></b>	<b><u>OFFERED IN</u></b>	<b><u>CREDIT HOURS</u></b>
Clinical Endodontics I GENDO 811	Fall Year 1	1
Clinical Endodontics I GENDO 812	Spring Year 1	1
Clinical Endodontics II GENDO 821	Summer Year 2	1
Clinical Endodontics II GENDO 822	Fall Year 2	1
Clinical Endodontics II GENDO 823	Spring Year 2	1
Teaching Preceptorship STOMA 713	Fall Year 1	0.5
Teaching Preceptorship STOMA 714	Spring Year 1	0.5
Teaching Preceptorship STOMA 723	Fall Year 2	0.5
Teaching Preceptorship STOMA 724	Spring Year 2	0.5
TOTAL CLINIC CREDIT HOURS		7.0
TOTAL CORE CREDIT HOURS		18.5
TOTAL DIDACTIC CREDIT HOURS		27.5
TOTAL ENDODONTICS PROGRAM HOURS:		53.0

## **FACULTY**

<b>Rank</b>	<b>Highest Degree Earned</b>	<b>Field of Study</b>	<b>Teaching in Field (Yes/No)</b>
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
Assistant Prof.	DDS	Dentistry	Yes



Unit Administration/Faculty/Staff Support						
Year	New		Existing		Total	
	Headcount	FTE	Headcount	FTE	Headcount	FTE
<b>Administration</b>						
2010-2011	0	0	1	0.3	1	0.3
2011-2012	0	0	1	0.3	1	0.3
2012-2013	0	0	1	0.3	1	0.3
2013-2014	0	0	1	0.3	1	0.3
2014-2015	0	0	1	0.3	1	0.3
<b>Faculty</b>						
2010-2011	0	0	18	18	18	18
2011-2012	0	0	18	18	18	18
2012-2013	0	0	18	18	18	18
2013-2014	0	0	18	18	18	18
2014-2015	0	0	18	18	18	18
<b>Staff</b>						
2010-2011	0	0	1	0.5	1	0.5
2011-2012	0	0	1	0.5	1	0.5
2012-2013	0	0	1	0.5	1	0.5
2013-2014	0	0	1	0.5	1	0.5
2014-2015	0	0	1	0.5	1	0.5

No changes in current faculty appointments and/or assignments will be necessary to implement the proposed addition of the Endodontics track to the 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
- Training in an ADA recognized dental post-doctoral specialty
- Dental licensure, or eligibility for licensure, in a state or territory of the United States
- Fluency in English as both 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 addition of the Endodontics track to the 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.

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, the James B. Edwards College of Dental Medicine has been built on the MUSC campus, opening October 2009. This new clinical sciences building is a state of the art dental education facility.

## **EQUIPMENT**

Most aspects of the Endodontics track and its addition to the 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.

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 addition of the Endodontics track to the 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 the Endodontics track to the 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 on Dental Accreditation of the American Dental Association.

The MSD program will continue to be offered only 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 fully 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 addition of the Endodontics track to the 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 Endodontics track of the 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 Endodontics track of the 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 has been 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 has been previously incorporated to fully implement the existing MSD program, and to support the residency program directors on an ongoing basis.

The addition of the Endodontics track to the MSD program should not increase these financial requirements.

### **Anticipated Annual Expenses:**

<b>Director (partial time commitment) =</b>	<b>15,000.</b>
<b>Staff (partial time commitment) =</b>	<b>10,000.</b>
<b>Printing Brochures, etc. =</b>	<b>2,000.</b>
<b>Information Technology =</b>	<b>2,000.</b>
<b>Outcomes Assessment =</b>	<b>5,000.</b>
<b>Library/Office Supplies =</b>	<b><u>5,000.</u></b>
<b>Annual Total:</b>	<b>37,000.</b>

### **New Costs to the Institution and Sources of Financing**

<b>Estimated Costs by Year</b>						
<b>Category</b>	<b>1<sup>st</sup></b>	<b>2<sup>nd</sup></b>	<b>3<sup>rd</sup></b>	<b>4th</b>	<b>5th</b>	<b>Totals</b>
<b>Program Administration</b>	15,000	15,000	15,000	15,000	15,000	75,000
<b>Faculty Salaries</b>	0	0	0	0	0	0
<b>Graduate Assistants</b>	0	0	0	0	0	0
<b>Clerical/Support Personnel</b>	10,000	10,000	10,000	10,000	10,000	50,000
<b>Supplies and Materials</b>	1,000	1,000	1,000	1,000	1,000	5,000
<b>Library Resources</b>	5,000	5,000	5,000	5,000	5,000	25,000
<b>Equipment</b>	5,000	0	0	0	0	5,000
<b>Facilities</b>	0	0	0	0	0	0
<b>Other</b>	2,000	2,000	2,000	2,000	2,000	10,000
<b>TOTALS</b>	38,000	33,000	33,000	33,000	33,000	170,000

<b>Sources of Financing by Year</b>						
<b>Category</b>	<b>1<sup>st</sup></b>	<b>2<sup>nd</sup></b>	<b>3<sup>rd</sup></b>	<b>4th</b>	<b>5th</b>	<b>Totals</b>
<b>Estimated FTE Revenue Generated from the State</b>	0	0	0	0	0	0
<b>Tuition Funding (New Students Only)</b>	25,500	51,000	51,000	51,000	51,000	229,500
<b>Other State Funding (Legislative Approp.)</b>	0	0	0	0	0	0
<b>Reallocation of Existing Funds</b>	0	0	0	0	0	0
<b>Federal Funding</b>	0	0	0	0	0	0
<b>Other Funding (Endowment, Auxiliary, etc.)</b>	0	0	0	0	0	0
<b>TOTALS</b>	25,500	51,000	51,000	51,000	51,000	229,500

**FACILITIES**  
**ACADEMIC**  
**ESTABLISH PROJECT**  
**FOR APPROVAL**  
**February 12, 2010**

PROJECT TITLE: Harborview Office Tower Renovations for Neurosciences Clinic

PROJECT NUMBER: 9799

TOTAL ESTIMATED BUDGET: \$3,300,000

SOURCE(S) OF FUNDS: College of Medicine Dean's Practice Plan

JUSTIFICATION: This project involves the renovation of approximately 19,000 square feet on two floors in the Harborview Office Tower Building for the creation of a neurosciences clinic, administrative offices, brain bank, research lab, and support space. The first floor will consist of exam, interview and procedure rooms for the clinic. Offices, the brain bank, a research lab, and support space for physicians, researchers and administrative personnel will be housed on the tenth floor. Overall, these renovations will combine clinical and research functions, currently both on and off campus, for the Department of Neurosciences.

This project was approved in the 2009 Capital Budget for \$1,200,000. The original concept involved a modest renovation for offices, exam rooms and support space. In November 2009, the Budget and Control Board gave the approval to proceed with schematic design. During the development of the schematic design, the brain bank and research lab were added to the scope of work and it was determined that standalone HVAC systems for these two floors to supplement the existing HVAC system, electrical system upgrades including a dedicated emergency generator, a fire alarm system upgrade, and repairs to the building façade will be required.

**FACILITIES**  
**ACADEMIC**  
**POWER LINE EASEMENT EXCHANGE**  
**FOR APPROVAL**  
**February 12, 2010**

PROJECT TITLE: SCE&G Power Line Easement Exchange

PROJECT NUMBER: N/A

TOTAL ESTIMATED BUDGET: \$1.00 credit

SOURCE(S) OF FUNDS: SCE&G

JUSTIFICATION: This easement exchange is being requested by SCE&G because of a clearance issue with the current overhead service line from Ehrhardt Street that serves 20 Ehrhardt. The clearance issue was identified in one of their system safety inspections. The overhead line is too close to the building located at 20 Ehrhardt Street, and will be relocated underground with service from President Street.

MEDICAL UNIVERSITY OF SOUTH CAROLINA  
PROFESSIONAL SERVICES  
FOR APPROVAL  
FEBRUARY 12, 2010

Provide electrical engineering services over a two year period on an as-needed basis throughout the campus. Total services not to exceed \$300,000 with individual releases not to exceed \$100,000.



**MEDICAL UNIVERSITY OF SOUTH CAROLINA  
CONSTRUCTION CONTRACTS  
FOR APPROVAL  
FEBRUARY 12, 2010**

Provide general construction services campus-wide over a two year period on an as-needed basis. Total services not to exceed \$750,000 with individual releases not to exceed \$150,000.