

**MINUTES**  
**MEDICAL UNIVERSITY OF SOUTH CAROLINA**  
**BOARD OF TRUSTEES MEETING**  
**February 11, 2011**

The Board of Trustees of the Medical University of South Carolina convened Friday, February 11, 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.; Mr. William B. Hewitt; Dr. E. Conyers O'Bryan, Jr.; Dr. Thomas C. Rowland, Jr; and Dr. Charles B. Thomas, Jr. Emeritus: Mr. Allan E. Stalvey. Absent: Dr. Cotesworth P. Fishburne, Jr.; Dr. Donald R. Johnson II; Dr. Paula E. Orr; Mr. Charles W. Schulze; The Honorable Robin M. Tallon.

The following administrative officials were present: Dr. Raymond S. Greenberg, President; Dr. Mark Sothmann, Interim 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. Joseph DiPiro, South Carolina College of Pharmacy; Dr. Gail Stuart, College of Nursing; Dr. Perry Halushka, College of Graduate Studies.

**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 Friday, April 8, 2011.

**Item 3. Approval of Minutes of the Regular Meeting of the Medical University of South Carolina Board of Trustees of December 10, 2010.**

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 called on Dean Gail Stuart to introduce Dr. Frank Treiber. Dr. Treiber is the second endowed chair in the College of Nursing. He came to MUSC from the Medical College of Georgia where he was VP for Research and Development. He has had a distinguished career as an NIH researcher focused on the area of health disparities and looking at prevention as well as chronic disease management.

Dr. Treiber discussed a new model of healthcare delivery which has been developing over the past five to eight years. With technology development, the practice of medicine has been helped immensely in how we deal with patients. Now we are able to diagnosis much earlier and get prevention programs going much quicker to slow down the disease process. Healthcare is going from being curative to being preemptive which will help cut healthcare costs.

At the conclusion of Dr. Treiber's presentation, Dr. Greenberg commented that MUSC is very fortunate to have Dr. Treiber at MUSC. With his hire into the CON, the College could play an important leadership role in the Strategic Plan which emphasizes the use of technology.

Dr. Greenberg distributed some information he prepared on primary care as related to a previous discussion with the Board on Thursday. He also distributed his activity report since the last meeting.

Dr. Greenberg asked for approval of the three honorary degree nominations previously sent to the Board members.

Recommendations of Administration: That the honorary degree nominations previously sent to the board be approved.

Board Action: A motion was made, seconded and unanimously voted to approve the three honorary degree nominations.

**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** In Dr. Fishburne's absence, Dr. Wiseman provided a report of the committee.

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

Statement: Dr. Wiseman reported Dr. Lanier had given a research awards report totaling \$134 million. He also introduced Dr. Wen, a professor of Bioengineering at Clemson University, who provided a very interesting presentation on "Biomaterials, Tissue Engineering and Regenerative Medicine."

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. Wiseman stated Mr. Fisher reported the University had received more than \$33 million in new gifts, pledges and pledge payments and an anonymous gift of \$15 million – the largest in MUSC history. He also reported a \$1 million gift to be made from the Boeing Company in the near future.

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. Wiseman stated Mr. Tom Anderson had reported that the endowment investments were up 10.2% with total assets of \$381 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. Wiseman stated that Mr. Chip Hood reported that the MUSC and University of Colorado startup company, Taligen, was acquired by publically traded Alexion Pharmaceutical. Also, Mr. Hood reported that the Office of Industry Partnership continues to grow.

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.

**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 the following report had been presented to the committee:

**Pediatric Heart Transplant Program**

Dr. David Habib, Interim Chair of Pediatrics, introduced Dr. Andrew Savage, Assistant Professor in Pediatric Cardiology, who gave an overview of the Pediatric Heart Transplant Program. The program works closely with pediatric cardiologists across the State and the US to manage and evaluate patients, and receives referrals from international centers. The program manages patients from the pre-transplant to post-transplant stages. Although MUSC receives patients who are at higher risk than most, the program's outcomes are better than the national averages. The Pediatric Heart Transplant Program has been able to maintain profitability; has been academically productive with ongoing research in cutting edge topics; is advancing new technologies; and is experiencing extremely high patient satisfaction. Dr. Savage's report was favorably received.

**Physician Assistant Program**

Dr. Sothmann introduced Dr. Paul Jacques, Associate Professor and Interim Division Chair of the Division of PA Studies, who gave a brief overview of the Physician Assistant program, defining areas of function; PA practice specialties; and the growth and quality of applicants at MUSC. There was a brief discussion regarding the funding for this program through stimulus money and \$1.6 million training grant, with plans to incorporate Oral Health into the curriculum; continuing academic fellowship (clinician to academician); utilizing simulation technology, and increasing rural interprofessional student experience.

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. Other Committee Business.**

**Dissolution of Division of Basic Sciences, College of Medicine.**

Statement: At the request of the Dean of the College of Medicine, administration presented for approval the dissolution of the Division of Basic Sciences within the College of Medicine, and a request for the Departments of Biochemistry and Molecular Biology, Microbiology and Immunology, and Cell and Molecular Pharmacology & Experimental Therapeutics be returned to their original "free-standing" status, effective February 11, 2011.

Recommendation of Administration: That the dissolution of the Division of Basic Sciences within the College of Medicine and the return of the Departments of Biochemistry and Molecular Biology, Microbiology and Immunology, and Cell and Molecular Pharmacology & Experimental Therapeutics to free-standing status within the College of Medicine be approved.

Recommendation of Committee: That the dissolution of the Division of Basic Sciences within the College of Medicine and the return of the Departments of Biochemistry and Molecular Biology, Microbiology and Immunology, and Cell and Molecular Pharmacology & Experimental Therapeutics to free-standing status within the College of Medicine be approved.

Board Action: A motion was made, seconded and unanimously voted to approve the dissolution of the Division of Basic Sciences within the College of Medicine and the return of the Departments of Biochemistry and Molecular Biology, Microbiology and Immunology, and Cell and Molecular Pharmacology & Experimental Therapeutics to free-standing status within the College of Medicine.

Changes in Faculty Status.

Statement: At the request of the Dean of the College of Medicine, administration presented the following changes in faculty status, effective February 11, 2011:

*Primary Appointments from the Division of Basic Sciences, Department of Biochemistry and Molecular Biology to the College of Medicine Department of Biochemistry and Molecular Biology:*

**Aiping Bai, Ph.D.**, Research Assistant Professor of Biochemistry and Molecular Biology

**Deepak Bastia, Ph.D.**, Professor of Biochemistry and Molecular Biology

**Alicja Bielawska, Ph.D.**, Research Professor of Biochemistry and Molecular Biology

**Jacek Bielawski, Ph.D.**, Research Professor of Biochemistry and Molecular Biology

**Erika-Elisabeth Bullesbach, Ph.D.**, Associate Professor of Biochemistry and Molecular Biology

**Lee Chao, Ph.D.**, Professor of Biochemistry and Molecular Biology

**Julie Chao, Ph.D.**, Professor of Biochemistry and Molecular Biology

**Christopher James Clarke, Ph.D.**, Research Instructor of Biochemistry and Molecular Biology

**Nigel Stephen Courtenay-Luck, Ph.D.**, Adjunct Professor of Biochemistry and Molecular Biology

**Lauren A. Cowart, Ph.D.**, Assistant Professor of Biochemistry and Molecular Biology

**Christopher Davies, Ph.D.**, Associate Professor of Biochemistry and Molecular Biology

**Maurizio Del Poeta, M.D.**, Associate Professor of Biochemistry and Molecular Biology

**Henry Donato, Ph.D.**, Adjunct Professor of Biochemistry and Molecular Biology

**Jian-yun Dong, M.D., Ph.D.**, Professor of Biochemistry and Molecular Biology

**Brendan M. Duggan, Ph.D.**, Research Assistant Professor of Biochemistry and Molecular Biology  
**Edward J. Duke, Ph.D., D.Sc.**, Adjunct Professor of Biochemistry and Molecular Biology  
**Alena Fedarovich, Ph.D.**, Research Assistant Professor of Biochemistry and Molecular Biology  
**Daniel J. Fernandes, Ph.D., D.Sc.**, Professor of Biochemistry and Molecular Biology  
**Sylvia B. Galloway, Ph.D.**, Visiting Professor of Biochemistry and Molecular Biology  
**Hiroko Hama, Ph.D.**, Associate Professor of Biochemistry and Molecular Biology  
**Yusuf A. Hannun, M.D.**, Distinguished University Professor, and Professor of Biochemistry and Molecular Biology  
**Tilman Heise, Ph.D.**, Assistant Professor of Biochemistry and Molecular Biology  
**Mirko Hennig, Ph.D.**, Associate Professor of Biochemistry and Molecular Biology  
**Yi-Te Hsu, Ph.D.**, Assistant Professor of Biochemistry and Molecular Biology  
**Haldor T. Jonsson, Ph.D.**, Professor Emeritus of Biochemistry and Molecular Biology  
**Kusumam Joseph, Ph.D.**, Research Assistant Professor of Biochemistry and Molecular Biology  
**Stephen Kresovich, Ph.D.**, Professor of Biochemistry and Molecular Biology  
**Natalia I. Krupenko, Ph.D.**, Assistant Professor of Biochemistry and Molecular Biology  
**Sergey A. Krupenko, Ph.D.**, Professor of Biochemistry and Molecular Biology  
**John W. Ledbetter, Ph.D.**, Professor Emeritus of Biochemistry and Molecular Biology  
**Barry E. Ledford, Ph.D.**, Professor Emeritus of Biochemistry and Molecular Biology  
**Chiara Luberto, Ph.D.**, Assistant Professor of Biochemistry and Molecular Biology  
**Nabil Matmati, Ph.D.**, Research Instructor of Biochemistry and Molecular Biology  
**John K. McDonald, Ph.D.**, Professor Emeritus of Biochemistry and Molecular Biology  
**Bidyut K. Mohanty, Ph.D.**, Research Assistant Professor of Biochemistry and Molecular Biology  
**Besim Ogretman, Ph.D.**, Associate Professor of Biochemistry and Molecular Biology  
**Natalia V. Olenik, Ph.D.**, Research Assistant Professor of Biochemistry and Molecular Biology  
**David G. Priest, Ph.D.**, Professor Emeritus of Biochemistry and Molecular Biology  
**Christian Schwabe, D.D.S., Ph.D.**, Professor of Biochemistry and Molecular Biology  
**John H. Schwacke, Ph.D.**, Assistant Professor of Biochemistry and Molecular Biology  
**Gunhild Sommer, Ph.D.**, Research Assistant Professor of Biochemistry and Molecular Biology  
**Jin H. Song, Ph.D.**, Research Assistant Professor of Biochemistry and Molecular Biology  
**Eleanor K. Spicer, Ph.D.**, Professor, of Biochemistry and Molecular Biology  
**Lewis W. Stillway, Ph.D.**, Professor of Biochemistry and Molecular Biology

**Zdzislaw Szulc, Ph.D.**, Research Associate Professor of Biochemistry and Molecular Biology

**Baby G. Tholanikunnel, Ph.D.**, Research Assistant Professor of Biochemistry and Molecular Biology

**Gregory W. Warr, Ph.D.**, Professor Emeritus of Biochemistry and Molecular Biology

**Yong-Mei Zhang, Ph.D.**, Assistant Professor of Biochemistry and Molecular Biology

**Wenjin Jim Zheng, Ph.D.**, Assistant Professor of Biochemistry and Molecular Biology

*Secondary Appointments from the Division of Basic Sciences, Department of Biochemistry and Molecular Biology to the College of Medicine Department of Biochemistry and Molecular Biology:*

**John E. Baatz, Ph.D.**, Professor of Biochemistry and Molecular Biology

**Maria G. Buse, M.D.**, Distinguished University Professor, and Professor of Biochemistry and Molecular Biology

**Rosalie K. Crouch, Ph.D.**, Distinguished University Professor, and Professor of Biochemistry and Molecular Biology

**Bruce W. Hollis, Ph.D.**, Professor of Biochemistry and Molecular Biology

**Mark S. Kindy, Ph.D.**, Professor of Biochemistry and Molecular Biology

**Andrew S. Kraft, M.D.**, Distinguished University Professor, and Professor of Biochemistry and Molecular Biology

**John J. Lemasters, M.D., Ph.D.**, Professor of Biochemistry and Molecular Biology

**Louis M. Lutrell, M.D., Ph.D.**, Professor of Biochemistry and Molecular Biology

**Cungui Mao, Ph.D.**, Assistant Professor of Biochemistry and Molecular Biology

**Paul J. McDermott, Ph.D.**, Professor of Biochemistry and Molecular Biology

**Donald R. Menick, Ph.D.**, Professor of Biochemistry and Molecular Biology

**Ronald L. Miller, Ph.D.**, Professor Emeritus of Biochemistry and Molecular Biology

**James S. Norris, Ph.D.**, Professor of Biochemistry and Molecular Biology

**Sergei Novgorodov, Ph.D.**, Research Assistant Professor of Biochemistry and Molecular Biology

**Lina M. Obeid, M.D.**, Professor of Biochemistry and Molecular Biology

**Viswanathan Palanisamy, Ph.D.**, Professor of Biochemistry and Molecular Biology

**Rick G. Schnellmann, Ph.D.**, Professor of Biochemistry and Molecular Biology

**Inderjit Singh, Ph.D.**, Distinguished University Professor, and Professor of Biochemistry and Molecular Biology

**Dennis K. Watson, Ph.D.**, Professor of Biochemistry and Molecular Biology

*Primary Appointments from the Division of Basic Sciences, Department of Microbiology and Immunology to the College of Medicine Department of Microbiology and Immunology:*

**Carl Atkinson, Ph.D.**, Assistant Professor of Microbiology and Immunology

**Armamd B. Glassman, M.D.**, Professor Emeritus of Microbiology and Immunology

**Beichu Guo, Ph.D.**, Assistant Professor of Microbiology and Immunology

**Azizul Haque, Ph.D.**, Associate Professor of Microbiology and Immunology

**Thomas B. Higerd, Ph.D.**, Professor Emeritus of Microbiology and Immunology

**Christina V. Johnson, Ph.D.**, Assistant Professor of Microbiology and Immunology  
**Cynthia A. Karr, Ph.D.**, Associate Professor of Microbiology and Immunology  
**Laura M. Kasman, Ph.D.**, Assistant Professor of Microbiology and Immunology  
**Zihai Li, M.D., Ph.D.**, Professor of Microbiology and Immunology  
**Bei Liu, M.D.**, Research Assistant Professor of Microbiology and Immunology  
**Xiang Liu, Ph.D.**, Assistant Professor of Microbiology and Immunology  
**Harold D. May, Ph.D.**, Professor of Microbiology and Immunology  
**James S. Norris, Ph.D.**, Professor of Microbiology and Immunology  
**Gary V. Paddock, Ph.D.**, Professor Emeritus of Microbiology and Immunology  
**Janardan P. Pandey, Ph.D.**, Professor of Microbiology and Immunology  
**Michael G. Schmidt, Ph.D.**, Professor of Microbiology and Immunology  
**David A. Schofield, Ph.D.**, Adjunct Assistant Professor of Microbiology and Immunology  
**Natalie A. Sutkowski, Ph.D.**, Assistant Professor of Microbiology and Immunology  
**Stephen Tomlinson, Ph.D.**, Professor of Microbiology and Immunology  
**Alexey Vertegel, Ph.D.**, Adjunct Assistant Professor of Microbiology and Immunology  
**Gabriel T. Virella, M.D., Ph.D.**, Professor of Microbiology and Immunology  
**Cynthia F. Wright, Ph.D.**, Associate Professor of Microbiology and Immunology  
**Ning Zhang, Ph.D.**, Adjunct Assistant Professor of Microbiology and Immunology

*Secondary Appointments from the Division of Basic Sciences, Department of Microbiology and Immunology to the College of Medicine Department of Microbiology and Immunology:*

**Edward Balish, Ph.D.**, Professor Emeritus of Microbiology and Immunology  
**Narendra L. Banik, Ph.D.**, Professor of Microbiology and Immunology  
**Gene E. Burges, M.D., Ph.D.**, Associate Professor of Microbiology and Immunology  
**Kenneth D. Chavin, M.D., Ph.D.**, Professor of Microbiology and Immunology  
**Maurizio Del Poeta, M.D.**, Associate Professor of Microbiology and Immunology  
**Jian-Yun Dong, M.D., Ph.D.**, Professor of Microbiology and Immunology  
**Albert F. Finn, M.D.**, Clinical Associate Professor of Microbiology and Immunology  
**Sebastiano Gattoni-Celli, M.D.**, Professor of Microbiology and Immunology  
**Gary S. Gilkeson, M.D.**, Professor of Microbiology and Immunology  
**Joseph F. John, M.D.**, Clinical Professor of Microbiology and Immunology  
**J. Michael Kirby, M.D.**, Professor of Microbiology and Immunology  
**Keith L. Kirkwood, D.D.S., Ph.D.**, Professor of Microbiology and Immunology  
**Margaret Markiewicz, M.D.**, Research Assistant Professor of Microbiology and Immunology  
**Michael I. Nishimura, Ph.D.**, Professor of Microbiology and Immunology  
**Caroline Westwater, Ph.D.**, Associate Professor of Microbiology and Immunology  
**M. Rita I. Young, Ph.D.**, Professor of Microbiology and Immunology

*Primary Appointments from the Division of Basic Sciences, Department of Cell and Molecular Pharmacology and Experimental Therapeutics to the College of Medicine Department Cell and Molecular Pharmacology and Experimental Therapeutics:*



**Ervin E. Bagwell, Ph.D.**, Professor Emeritus of Cell and Molecular Pharmacology and Experimental Therapeutics

**Lauren E. Ball, Ph.D.**, Assistant Professor of Cell and Molecular Pharmacology and Experimental Therapeutics

**Jennifer R. Bethard, M.S.**, Research Associate of Cell and Molecular Pharmacology and Experimental Therapeutics

**Joe B. Blumer, Ph.D.**, Assistant Professor of Cell and Molecular Pharmacology and Experimental Therapeutics

**Herman B. Daniell, Ph.D.**, Professor Emeritus of Cell and Molecular Pharmacology and Experimental Therapeutics

**Warren Davis, Ph.D.**, Assistant Professor of Cell and Molecular Pharmacology and Experimental Therapeutics

**Scott T. Eblen, Ph.D.**, Assistant Professor of Cell and Molecular Pharmacology and Experimental Therapeutics

**Perry V. Halushka, M.D, Ph.D.**, Professor of Cell and Molecular Pharmacology and Experimental Therapeutics

**John D. Hildebrandt, Ph.D.**, Professor of Cell and Molecular Pharmacology and Experimental Therapeutics

**Jennifer S. Isaacs, Ph.D.**, Assistant Professor of Cell and Molecular Pharmacology and Experimental Therapeutics

**David J. Jollow, Ph.D.**, Professor Emeritus of Cell and Molecular Pharmacology and Experimental Therapeutics

**Daniel R. Knapp, Ph.D.**, Distinguished University Professor and Professor of Cell and Molecular Pharmacology and Experimental Therapeutics

**David T. Kurtz, Ph.D.**, Professor of Cell and Molecular Pharmacology and Experimental Therapeutics

**Stephen M. Lanier, Ph.D.**, Professor of Cell and Molecular Pharmacology and Experimental Therapeutics

**Yefim Manevich, Ph.D.**, Research Associate Professor of Cell and Molecular Pharmacology and Experimental Therapeutics

**Harry S. Margolius, M.D., Ph.D.**, Distinguished University Professor and Professor Emeritus of Cell and Molecular Pharmacology and Experimental Therapeutics

**Donald H. Miller, Ph.D.**, Professor Emeritus of Cell and Molecular Pharmacology and Experimental Therapeutics

**Carola A. Neumann, M.D.**, Assistant Professor of Cell and Molecular Pharmacology and Experimental Therapeutics

**Philip J. Privitera, Ph.D.**, Professor Emeritus of Cell and Molecular Pharmacology and Experimental Therapeutics

**Steven A. Rozenzweig, Ph.D.**, Professor of Cell and Molecular Pharmacology and Experimental Therapeutics

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

**Joachim de Klerk Uys, Ph.D.**, Research Instructor of Cell and Molecular Pharmacology and Experimental Therapeutics

**Thomas Walle, Ph.D.**, Professor Emeritus of Cell and Molecular Pharmacology and Experimental Therapeutics

**Michael J. Wargovich, Ph.D.**, Professor of Cell and Molecular Pharmacology and Experimental Therapeutics  
**Jerry G. Webb, Ph.D.**, Professor Emeritus of Cell and Molecular Pharmacology and Experimental Therapeutics  
**Marina Zemskova, Ph.D.**, Research Assistant Professor of Cell and Molecular Pharmacology and Experimental Therapeutics

*Secondary Appointments from the Division of Basic Sciences, Department of Cell and Molecular Pharmacology and Experimental Therapeutics to the College of Medicine Department Cell and Molecular Pharmacology and Experimental Therapeutics:*

**Brent M. Egan, M.D.**, Professor of Cell and Molecular Pharmacology and Experimental Therapeutics  
**Andrew S. Kraft, M.D.**, Professor of Cell and Molecular Pharmacology and Experimental Therapeutics  
**Martin Morard, Ph.D.**, Professor of Cell and Molecular Pharmacology and Experimental Therapeutics  
**Joseph G. Reves, M.D.**, Distinguished University Professor and Professor of Cell and Molecular Pharmacology and Experimental Therapeutics

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

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

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

**Item 13. Faculty Tenure Recommendations.**

Statement: At the request of the Executive Dean of the South Carolina College of Pharmacy, administration presented for approval the following recommendations for tenure in the South Carolina College of Pharmacy, effective February 11, 2011:

**Kim E. Creek, Ph.D.**, Professor, South Carolina College of Pharmacy (USC)  
**Georgi V. Petkov, Ph.D.**, Associate Professor, South Carolina College of Pharmacy (USC)

Recommendation of Administration: That these tenure recommendations be approved.

Recommendation of Committee: That these tenure recommendations be approved.

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

**Item 14. Faculty Appointments.**

Statement: At the request of the Dean of the College of Medicine, administration presented the following faculty appointments:

**Kelvin G.M. Brockbank, Ph.D.**, (joint appointment) as Adjunct Professor in the Department of Regenerative Medicine and Cell Biology, with a joint secondary appointment in College of Dental Medicine, effective October 1, 2010

**Michael J. Caplan, M.D.**, (joint appointment) as Associate Professor, on the Clinician Educator track, in the Department of Pathology and Laboratory Medicine, with a joint secondary appointment in the College of Dental Medicine, effective January 1, 2011

**R. Gregg Dwyer, M.D., Ed.D.**, as Associate Professor, on the Academic Clinician track, in the Department of Psychiatry and Behavioral Sciences, effective November 1, 2010

**Joseph A. Mauriello, Jr., M.D.**, as Clinical Professor in the Department of ophthalmology, effective November 1, 2010

**Francis X. McGowan, Jr., M.D.**, (dual appointment) as Professor, on the Academic Clinician track, in the Department of Anesthesia and Perioperative Medicine, with dual appointments as Professor in the Departments of Regenerative Medicine and Cell Biology, and Pediatrics, Division of General Pediatrics, effective January 31, 2011

Dr. McGowan will also hold the Jerry Reves Endowed Chair for Anesthesia Research, and serve as Vice Chairman for Research and MUSC Pediatric Anesthesiologist-in-Chief.

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 15. Changes in Faculty Status.**

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

**Frank J. Overdyke, M.D.**, from Professor to Adjunct Professor, in the Department of Anesthesia and Perioperative Medicine, effective December 4, 2010

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

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

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

**Item 16. Renaming of the Maas Endowed Chair for Reproductive Endocrinology.**

Statement: At the request of the Dean of the College of Medicine, administration presented for approval the renaming of the Maas Chair for Reproductive Endocrinology to the Maas Chair for Reproductive Sciences. The proposed change in name of this endowed chair is aligned with the intent of the chair as it was established and is directly aligned with the department's current focus on female reproductive endocrinology and disease.

Recommendation of Administration: That this request to rename the Maas Endowed Chair to the Maas Chair for Reproductive Sciences be approved.

Recommendation of Committee: That this request to rename the Maas Endowed Chair to the Maas Chair for Reproductive Sciences be approved.

Board Action: A motion was made, seconded and unanimously voted to rename the Maas Endowed Chair the Maas Chair for Reproductive Sciences.

**Item 17. Endowed Professorships.**

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

**Francis X. McGowan, Jr., M.D.**, Professor of Anesthesia and Perioperative Medicine, as the Jerry Reves Endowed Chair for Anesthesia Research

**Roger B. Newman, M.D.**, Professor of Obstetrics and Gynecology, as the Maas Endowed Chair in Reproductive Sciences.

Recommendation of Administration: That the endowed professorships be approved.

Recommendation of Committee: That the endowed professorships be approved.

Board Action: A motion was made, seconded and unanimously voted to approve the endowed professorships as presented.

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

**OLD BUSINESS:** None.

**NEW BUSINESS:** In Mr. Schulze's absence, Mr. Stephenson stated all reports from the various entities had been received as information.

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

Statement: Mr. Wamsley presented a report to the committee on the finances of the University.

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 19. Financial Status Report of University Medical Associates.**

Statement: Ms. Gina Ramsey presented a financial report to 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 20. Financial Status Report of the MUSC Foundation for Research Development.**

Statement: A report was given by Ms. Gina 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 21. 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 22. Update on Projects.**

Statement: Mr. Bingham stated that Mr. Malmrose had given an update to Committee on the Drug Discovery and Bio Engineering Buildings.

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 23. Other Committee Business.** None.

**Item 24. 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 25. MUSC Compliance Update.**

Statement: Mr. Hewitt stated Ms. Cindy Teeter provided information on the OIG 2011 Workplan to the Audit 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 26. UMA Compliance Update.**

Statement: Mr. Hewitt stated Ms. Julie Acker provided an update on the UMA's OIG Workplan.

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 27. Report of Internal Auditor.**

Statement: Mr. Hewitt stated a report had been provided to committee by Ms. Susan Barnhart, the Director of Internal Audit on the six reports she had provided in writing to the Committee and also reported progress on the 2011 Audit Plan. She gave a presentation on controlled substances and Dr. Greenberg had asked that data be obtained from other university's academic health centers for comparison.

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 28. Other Committee Business.**

Statement: Mr. Hewitt stated the Committee had approved the following resolution and he asked for board approval of the following:

**BE IT MOVED at the regular meeting of the Audit Committee of the Board of Trustees of the Medical University of South Carolina (MUSC) and the Medical University Hospital Authority (MUHA)**

**THAT, the Audit Committee hereby authorizes the Chair of the Audit Committee to approve on the Audit Committee's behalf, any increases in scope to external audit projects for MUSC which are supported by the officials of the Medical University of South Carolina and costing up to five (5%) percent of the current year contract value, and**

**THAT, the Audit Committee hereby authorizes the Chair of the Audit Committee to approve on the Audit Committee's behalf, any increases in scope to external audit projects for MUHA which are supported by the officials of the Medical University Hospital Authority and costing up to five (5%) percent of the current year contract value, and**

**THAT, the Chair of the Audit Committee shall report all such approvals and related actions to the full Committee at their next regular meeting.**

Recommendation of Committee: That the resolution be approved.

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

Statement: Mr. Hewitt stated Mr. Joe Good had provided an update on the Thurmond/Gazes building as well as an update on medical malpractice claims. Mr. Hewitt reported that an evaluation of KPMG, the external auditors, had been conducted and there were some recommendations that would be addressed with them. Also, the Audit Committee will be reviewing its performance at the end of the year and at the next meeting he will provide the Committee with the form to see what the review will look like.

Board Action: Received as information.

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

**Item 29. 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 30. New Business for the Board of Trustees.**


Statement: In order to accommodate the schedule of Congressman Clyburn, the October 2011 Board meeting dates need to be changed to October 20-21. The Congressman has accepted an invitation to speak to the Board at 10 a.m. on Friday, October 20 and attend the dedication of the Clyburn Research Center, which will follow the meeting.

Board Action: A motion was made, seconded and unanimously voted to change the October 2011 meeting to October 20-21.

**Item 31. 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



*Medical University of South Carolina*

**RESEARCH AND INSTITUTIONAL ADVANCEMENT COMMITTEE**

**MINUTES**

**Thursday, February 10, 2011**

**Committee Members Present:** Dr. Cotesworth P. Fishburne, Jr., (Chair), Esq., Dr. James E. Wiseman, Jr.

**Other Trustees Present:** Dr. Stanley C. Baker, Jr., Mr. Melvyn Berlinsky, Mr. William H. Bingham, Sr., Mr. William B. Hewitt, Dr. Donald R. Johnson, II, Conyers O'Bryan, Jr., Mr. Charles W. Schulze, Mr. Thomas L. Stephenson, 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, Dr. Sabra Slaughter, Mr. Stuart Smith, Dr. Mark Sothmann, Dr. Joann Sullivan

**Regular Agenda**

Item 8. General Report of the Associate Provost for Research

Dr. Lanier presented the research activities report. Extramural research awards for FY10 through January 31, 2011 totaled \$134M; NIH awards represent \$69.6M of this total. Compared to the same time last year, NIH funding has decreased slightly, corporate funding has stayed level, and funding from other sources has increased. In general, extramural funding is on track with last year.

Dr. Lanier reported on the one-day "Life Sciences Entrepreneurship Workshop: Starting It Up and Moving It Forward" that was held at the SCRA-MUSC Innovation Center on Meeting Street on January 24, 2011. Approximately 77 individuals participated. There was great deal of positive feedback based on evaluation of the workshop.

Dr. Lanier introduced Dr. Xuejun Wen, Professor of Bioengineering at Clemson University. Dr. Wen is one of five Clemson Bioengineering faculty who conducts research and scholarly activities on the MUSC campus. He holds joint appointments in MUSC's Department of Cell Biology and Anatomy and other academic units. Dr. Wen was recently named the Hansjörg Wyss Endowed Chair in Regenerative Medicine, one of three COEE Chairs in this area of excellence. Dr. Wen gave a presentation on "Biomaterials, Tissue Engineering and Regenerative Medicine", and demonstrated applications to numerous diseases and disorders including multiple sclerosis, diabetes, and stroke.

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 Vice President for Development and Alumni Affairs

Mr. Fisher reported that through February 8, 2011, MUSC received more than \$33 million in new gifts, pledges and pledge payments. More extraordinary news is that an anonymous gift of \$15M minimum – the largest gift in MUSC's history – has been pledged. The lead trust, with assets of ~\$25M, generates about \$600K per year. When the trust expires, MUSC will be one of the recipients of the residual. Mr. Fisher emphasized that this gift is the result of a long term, sustained relationship with the generous individual who wishes to maintain anonymity.

Mr. Fisher reported on the gift of \$1 million from The Boeing Company to the Children's Hospital for the creation of The Boeing Center for Promotion of Healthy Lifestyles in Children and Families. This gift will be announced in the near future by the president of

Boeing at a Charleston press conference. We have been asked to keep this gift “under wraps” until the public announcement by Boeing. Mr. Fisher recognized the efforts of Dr. O’Bryan in cultivating this relationship, and noted that continuing interactions between Boeing and MUSC bode well for a long term relationship.

Mr. Fisher reported on other significant gifts and pledges received since the December 2010 Board Meeting. These include the completion of Dr. Vincent T. Peng’s \$500,000 pledge for the Cecilia and Vincent Peng Distinguished Endowed Chair in Melanoma and Cutaneous Oncology, the Abney Foundation gift of \$300,000 to the HCC, funds for minority dental students, grateful patients’ gifts to cardiology (Gazes), and Pee Dee area scholarships.

A question arose concerning the coordination of the grand opening of the Clyburn Center that was scheduled for Oct 14, 2011 in conjunction with the previously scheduled Board of Trustees Meeting. Dr. Sabra Slaughter reported that Congressman Clyburn will not be able to attend that day, but could be present October 21. After some discussion, the Board made and approved a motion to change their Fall meeting to October 20-21, in order for Congressman Clyburn to meet with the Board that morning and for the Board to attend the Clyburn Center grand opening.

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

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

Board Action:

Item 10. General Report of the CEO of the MUSC Foundation

Mr. Tom Anderson reported on performance of endowment investments:

	YTD 12/31/10	2 YR	3 YR	5 YR
MUSCF	10.2%	17.2%	-1.1%	3.2%
Benchmark*	10.8%	15.2%	0.3%	4.1%

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

He reported that total assets increased by \$52 million or 16.2% for trailing 12 months at 12/31/10 to a record \$381 million. These assets resulted from investment performance, transfers from UMA and foundation/fundraising contributions, and state COEE matches.

Mr. Anderson also reported that the MUSC Foundation rose in NACUBO rankings from #281 to #253 among 865 reporting institutions at FYE 06/30/10. Our percentile rank rose from 33<sup>rd</sup> to 29<sup>th</sup> percentile (12.1%). In comparison, a decade ago MUSC was at 58<sup>th</sup> percentile. He reported other NACUBO comparisons as follows:

Exceeded NACUBO peer average endowment growth at FYE 6/30/10.

MUSCF 24.6%  
 NACUBO 8.4%

Exceeded NACUBO peer average endowment investment performance at FYE 6/30/10 by 190 b.p.

MUSCF actual 13.8%  
 NACUBO average 11.9%

There was some discussion on the size of MUSC's endowment in relation to the University of South Carolina and Clemson, as well as other regional universities. It was noted that real estate is not included in MUSC's endowment figures, but rather that the Foundation is a conduit for leases, sales etc. It was noted that the Araneo Building will be paid off on July 1, 2011. It was also noted that the Foundation gives ~\$30M to the university currently, compared to ~\$10M ten years ago.

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

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

Board Action:

Item 11. General Report of the Executive Director of the MUSC Foundation for Research Development

Mr. Chip Hood reported that the MUSC and Univ. of Colorado startup company, Taligen, located in Boston, was acquired by publically traded company Alexion Pharmaceutical. Terms are partially confidential but include \$111M cash payment and milestone payments based on product performance. Alexion will fund and commence human clinical studies, moving MUSC technology closer to the market and closer to generating running royalties on sales. MUSC Inventors are Drs. Tomlinson, Gilkeson, and Rohrer.

Mr. Hood also reported the completion of a license for an anti-cancer therapeutic (mAb) with an experienced management team from the west coast which created a new startup in Charleston called Charleston Pharma. The FRD also completed an amendment of an existing license agreement with MUSC startup company FirstString, a wound healing peptide company located in Charleston. The amendment allowed the company to complete an additional \$2M capital raise to fund its phase 2 clinical trial while also strengthening the license agreement for MUSC-FRD.

Mr. Hood reported that MUSC-FRD's new initiative, the Office of Industry Partnerships (OIP), continues to grow allowing MUSC to increase revenues from industry sponsored clinical studies. The OIP is assisting with an integrated approach to industry relationships at MUSC: Research, Intellectual Property, and Philanthropy. The OIP recently executed a master clinical trial agreement with a major pharma company (Pfizer). The OIP continues to identify ~30 new opportunities per month for MUSC to partner with industry.

Mr. Hood noted that MUSC is starting to see more collaborations between clinicians and bioengineers at Clemson. There was also discussion on big pharma companies cutting back on their own R&D and partnering more with universities.

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

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

Board Action:

**EDUCATION, FACULTY AND STUDENT AFFAIRS COMMITTEE. CHAIRMAN: MR. MELVYN BERLINSKY**  
February 11, 2011

**REGULAR AGENDA**

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

**Pediatric Heart Transplant Program**

Dr. David Habib, Interim Chair of Pediatrics, introduced Dr. Andrew Savage, Assistant Professor in Pediatric Cardiology, who gave an overview of the Pediatric Heart Transplant Program. The program works closely with pediatric cardiologists across the State and the US to manage and evaluate patients, and receives referrals from international centers. The program manages patients from the pre-transplant to post-transplant stages. Although MUSC receives patients who are at higher risk than most, the program's outcomes are better than the national averages. The Pediatric Heart Transplant Program has been able to maintain profitability; has been academically productive with ongoing research in cutting edge topics; is advancing new technologies; and is experiencing extremely high patient satisfaction. Dr. Savage's report was favorably received.

**Physician Assistant Program**

Dr. Sothmann introduced Dr. Paul Jacques, Associate Professor and Interim Division Chair of the Division of PA Studies, who gave a brief overview of the Physician Assistant program, defining areas of function; PA practice specialties; and the growth and quality of applicants at MUSC. There was a brief discussion regarding the funding for this program through stimulus money and \$1.6 million training grant, with plans to incorporate Oral Health into the curriculum; continuing academic fellowship (clinician to academician); utilizing simulation technology, and increasing rural interprofessional student experience.

**Regular and Consent Agenda**

All Regular and Consent agenda items were approved unanimously. Under Item 12, "Other Committee Business", the Committee unanimously approved the College of Medicine's request to dissolve the Division of Basic Sciences within the College of Medicine, and a request for the Departments of Biochemistry and Molecular Biology, Microbiology and Immunology, and Cell and Molecular Pharmacology & Experimental Therapeutics be returned to their original "free-standing" status. Changes in faculty status of all faculty members within these departments were also approved.

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

Recommendation of Committee: That this report be received as information

Board Action:

Item 12. Other Committee Business

A. Dissolution of Division of Basic Sciences, College of Medicine

Statement: At the request of the Dean of the College of Medicine, administration presented for approval the dissolution of the Division of Basic Sciences within the College of Medicine, and a request for the Departments of Biochemistry and Molecular Biology, Microbiology and Immunology, and Cell and Molecular Pharmacology & Experimental Therapeutics be returned to their original “free-standing” status, effective February 11, 2011.

Recommendation of Administration: That the dissolution of the Division of Basic Sciences within the College of Medicine and the return of the Departments of Biochemistry and Molecular Biology, Microbiology and Immunology, and Cell and Molecular Pharmacology & Experimental Therapeutics to free-standing status within the College of Medicine be approved.

Recommendation of Committee: That the dissolution of the Division of Basic Sciences within the College of Medicine and the return of the Departments of Biochemistry and Molecular Biology, Microbiology and Immunology, and Cell and Molecular Pharmacology & Experimental Therapeutics to free-standing status within the College of Medicine be approved.

Board Action:

B. Item 15: Changes in Faculty Status

Statement: At the request of the Dean of the College of Medicine, administration presented the following changes in faculty status, effective February 11, 2011:

*Primary Appointments from the Division of Basic Sciences, Department of Biochemistry and Molecular Biology to the College of Medicine Department of Biochemistry and Molecular Biology:*

**Aiping Bai, Ph.D.**, Research Assistant Professor of Biochemistry and Molecular Biology

**Deepak Bastia, Ph.D.**, Professor of Biochemistry and Molecular Biology

**Alicja Bielawska, Ph.D.**, Research Professor of Biochemistry and Molecular Biology

**Jacek Bielawski, Ph.D.**, Research Professor of Biochemistry and Molecular Biology

**Erika-Elisabeth Bullesbach, Ph.D.**, Associate Professor of Biochemistry and Molecular Biology

**Lee Chao, Ph.D.**, Professor of Biochemistry and Molecular Biology

**Julie Chao, Ph.D.**, Professor of Biochemistry and Molecular Biology

**Christopher James Clarke, Ph.D.**, Research Instructor of Biochemistry and Molecular Biology

**Nigel Stephen Courtenay-Luck, Ph.D.**, Adjunct Professor of Biochemistry and Molecular Biology

**Lauren A. Cowart, Ph.D.**, Assistant Professor of Biochemistry and Molecular Biology

**Christopher Davies, Ph.D.**, Associate Professor of Biochemistry and Molecular Biology

**Maurizio Del Poeta, M.D.**, Associate Professor of Biochemistry and Molecular Biology

**Henry Donato, Ph.D.**, Adjunct Professor of Biochemistry and Molecular Biology  
**Jian-yun Dong, M.D., Ph.D.**, Professor of Biochemistry and Molecular Biology  
**Brendan M. Duggan, Ph.D.**, Research Assistant Professor of Biochemistry and Molecular Biology  
**Edward J. Duke, Ph.D., D.Sc.**, Adjunct Professor of Biochemistry and Molecular Biology  
**Alena Fedarovich, Ph.D.**, Research Assistant Professor of Biochemistry and Molecular Biology  
**Daniel J. Fernandes, Ph.D., D.Sc.**, Professor of Biochemistry and Molecular Biology  
**Sylvia B. Galloway, Ph.D.**, Visiting Professor of Biochemistry and Molecular Biology  
**Hiroko Hama, Ph.D.**, Associate Professor of Biochemistry and Molecular Biology  
**Yusuf A. Hannun, M.D.**, Distinguished University Professor, and Professor of Biochemistry and Molecular Biology  
**Tilman Heise, Ph.D.**, Assistant Professor of Biochemistry and Molecular Biology  
**Mirko Hennig, Ph.D.**, Associate Professor of Biochemistry and Molecular Biology  
**Yi-Te Hsu, Ph.D.**, Assistant Professor of Biochemistry and Molecular Biology  
**Haldor T. Jonsson, Ph.D.**, Professor Emeritus of Biochemistry and Molecular Biology  
**Kusumam Joseph, Ph.D.**, Research Assistant Professor of Biochemistry and Molecular Biology  
**Stephen Kresovich, Ph.D.**, Professor of Biochemistry and Molecular Biology  
**Natalia I. Krupenko, Ph.D.**, Assistant Professor of Biochemistry and Molecular Biology  
**Sergey A. Krupenko, Ph.D.**, Professor of Biochemistry and Molecular Biology  
**John W. Ledbetter, Ph.D.**, Professor Emeritus of Biochemistry and Molecular Biology  
**Barry E. Ledford, Ph.D.**, Professor Emeritus of Biochemistry and Molecular Biology  
**Chiara Luberto, Ph.D.**, Assistant Professor of Biochemistry and Molecular Biology  
**Nabil Matmati, Ph.D.**, Research Instructor of Biochemistry and Molecular Biology  
**John K. McDonald, Ph.D.**, Professor Emeritus of Biochemistry and Molecular Biology  
**Bidyut K. Mohanty, Ph.D.**, Research Assistant Professor of Biochemistry and Molecular Biology  
**Besim Ogretman, Ph.D.**, Associate Professor of Biochemistry and Molecular Biology  
**Natalia V. Olenik, Ph.D.**, Research Assistant Professor of Biochemistry and Molecular Biology  
**David G. Priest, Ph.D.**, Professor Emeritus of Biochemistry and Molecular Biology  
**Christian Schwabe, D.D.S., Ph.D.**, Professor of Biochemistry and Molecular Biology  
**John H. Schwacke, Ph.D.**, Assistant Professor of Biochemistry and Molecular Biology  
**Gunhild Sommer, Ph.D.**, Research Assistant Professor of Biochemistry and Molecular Biology  
**Jin H. Song, Ph.D.**, Research Assistant Professor of Biochemistry and Molecular Biology

**Eleanor K. Spicer, Ph.D.**, Professor, of Biochemistry and Molecular Biology  
**Lewis W. Stillway, Ph.D.**, Professor of Biochemistry and Molecular Biology  
**Zdzislaw Szulc, Ph.D.**, Research Associate Professor of Biochemistry and Molecular Biology  
**Baby G. Tholanikunnel, Ph.D.**, Research Assistant Professor of Biochemistry and Molecular Biology  
**Gregory W. Warr, Ph.D.**, Professor Emeritus of Biochemistry and Molecular Biology  
**Yong-Mei Zhang, Ph.D.**, Assistant Professor of Biochemistry and Molecular Biology  
**Wenjin Jim Zheng, Ph.D.**, Assistant Professor of Biochemistry and Molecular Biology

*Secondary Appointments from the Division of Basic Sciences, Department of Biochemistry and Molecular Biology to the College of Medicine Department of Biochemistry and Molecular Biology:*

**John E. Baatz, Ph.D.**, Professor of Biochemistry and Molecular Biology  
**Maria G. Buse, M.D.**, Distinguished University Professor, and Professor of Biochemistry and Molecular Biology  
**Rosalie K. Crouch, Ph.D.**, Distinguished University Professor, and Professor of Biochemistry and Molecular Biology  
**Bruce W. Hollis, Ph.D.**, Professor of Biochemistry and Molecular Biology  
**Mark S. Kindy, Ph.D.**, Professor of Biochemistry and Molecular Biology  
**Andrew S. Kraft, M.D.**, Distinguished University Professor, and Professor of Biochemistry and Molecular Biology  
**John J. Lemasters, M.D., Ph.D.**, Professor of Biochemistry and Molecular Biology  
**Louis M. Lutrell, M.D., Ph.D.**, Professor of Biochemistry and Molecular Biology  
**Cungui Mao, Ph.D.**, Assistant Professor of Biochemistry and Molecular Biology  
**Paul J. McDermott, Ph.D.**, Professor of Biochemistry and Molecular Biology  
**Donald R. Menick, Ph.D.**, Professor of Biochemistry and Molecular Biology  
**Ronald L. Miller, Ph.D.**, Professor Emeritus of Biochemistry and Molecular Biology  
**James S. Norris, Ph.D.**, Professor of Biochemistry and Molecular Biology  
**Sergei Novgorodov, Ph.D.**, Research Assistant Professor of Biochemistry and Molecular Biology  
**Lina M. Obeid, M.D.**, Professor of Biochemistry and Molecular Biology  
**Viswanathan Palanisamy, Ph.D.**, Professor of Biochemistry and Molecular Biology  
**Rick G. Schnellmann, Ph.D.**, Professor of Biochemistry and Molecular Biology  
**Inderjit Singh, Ph.D.**, Distinguished University Professor, and Professor of Biochemistry and Molecular Biology  
**Dennis K. Watson, Ph.D.**, Professor of Biochemistry and Molecular Biology

*Primary Appointments from the Division of Basic Sciences, Department of Microbiology and Immunology to the College of Medicine Department of Microbiology and Immunology:*

**Carl Atkinson, Ph.D.**, Assistant Professor of Microbiology and Immunology  
**Armamd B. Glassman, M.D.**, Professor Emeritus of Microbiology and Immunology  
**Beichu Guo, Ph.D.**, Assistant Professor of Microbiology and Immunology

**Azizul Haque, Ph.D.**, Associate Professor of Microbiology and Immunology  
**Thomas B. Higerd, Ph.D.**, Professor Emeritus of Microbiology and Immunology  
**Christina V. Johnson, Ph.D.**, Assistant Professor of Microbiology and Immunology  
**Cynthia A. Karr, Ph.D.**, Associate Professor of Microbiology and Immunology  
**Laura M. Kasman, Ph.D.**, Assistant Professor of Microbiology and Immunology  
**Zihai Li, M.D., Ph.D.**, Professor of Microbiology and Immunology  
**Bei Liu, M.D.**, Research Assistant Professor of Microbiology and Immunology  
**Xiang Liu, Ph.D.**, Assistant Professor of Microbiology and Immunology  
**Harold D. May, Ph.D.**, Professor of Microbiology and Immunology  
**James S. Norris, Ph.D.**, Professor of Microbiology and Immunology  
**Gary V. Paddock, Ph.D.**, Professor Emeritus of Microbiology and Immunology  
**Janardan P. Pandey, Ph.D.**, Professor of Microbiology and Immunology  
**Michael G. Schmidt, Ph.D.**, Professor of Microbiology and Immunology  
**David A. Schofield, Ph.D.**, Adjunct Assistant Professor of Microbiology and Immunology  
**Natalie A. Sutkowski, Ph.D.**, Assistant Professor of Microbiology and Immunology  
**Stephen Tomlinson, Ph.D.**, Professor of Microbiology and Immunology  
**Alexey Vertegel, Ph.D.**, Adjunct Assistant Professor of Microbiology and Immunology  
**Gabriel T. Virella, M.D., Ph.D.**, Professor of Microbiology and Immunology  
**Cynthia F. Wright, Ph.D.**, Associate Professor of Microbiology and Immunology  
**Ning Zhang, Ph.D.**, Adjunct Assistant Professor of Microbiology and Immunology

*Secondary Appointments from the Division of Basic Sciences, Department of Microbiology and Immunology to the College of Medicine Department of Microbiology and Immunology:*

**Edward Balish, Ph.D.**, Professor Emeritus of Microbiology and Immunology  
**Narendra L. Banik, Ph.D.**, Professor of Microbiology and Immunology  
**Gene E. Burges, M.D., Ph.D.**, Associate Professor of Microbiology and Immunology  
**Kenneth D. Chavin, M.D., Ph.D.**, Professor of Microbiology and Immunology  
**Maurizio Del Poeta, M.D.**, Associate Professor of Microbiology and Immunology  
**Jian-Yun Dong, M.D., Ph.D.**, Professor of Microbiology and Immunology  
**Albert F. Finn, M.D.**, Clinical Associate Professor of Microbiology and Immunology  
**Sebastiano Gattoni-Celli, M.D.**, Professor of Microbiology and Immunology  
**Gary S. Gilkeson, M.D.**, Professor of Microbiology and Immunology  
**Joseph F. John, M.D.**, Clinical Professor of Microbiology and Immunology  
**J. Michael Kirby, M.D.**, Professor of Microbiology and Immunology  
**Keith L. Kirkwood, D.D.S., Ph.D.**, Professor of Microbiology and Immunology  
**Margaret Markiewicz, M.D.**, Research Assistant Professor of Microbiology and Immunology  
**Michael I. Nishimura, Ph.D.**, Professor of Microbiology and Immunology  
**Caroline Westwater, Ph.D.**, Associate Professor of Microbiology and Immunology  
**M. Rita I. Young, Ph.D.**, Professor of Microbiology and Immunology

*Primary Appointments from the Division of Basic Sciences, Department of Cell and Molecular Pharmacology and Experimental Therapeutics to the College of*



*Medicine Department Cell and Molecular Pharmacology and Experimental Therapeutics:*

- Ervin E. Bagwell, Ph.D.**, Professor Emeritus of Cell and Molecular Pharmacology and Experimental Therapeutics
- Lauren E. Ball, Ph.D.**, Assistant Professor of Cell and Molecular Pharmacology and Experimental Therapeutics
- Jennifer R. Bethard, M.S.**, Research Associate of Cell and Molecular Pharmacology and Experimental Therapeutics
- Joe B. Blumer, Ph.D.**, Assistant Professor of Cell and Molecular Pharmacology and Experimental Therapeutics
- Herman B. Daniell, Ph.D.**, Professor Emeritus of Cell and Molecular Pharmacology and Experimental Therapeutics
- Warren Davis, Ph.D.**, Assistant Professor of Cell and Molecular Pharmacology and Experimental Therapeutics
- Scott T. Eblen, Ph.D.**, Assistant Professor of Cell and Molecular Pharmacology and Experimental Therapeutics
- Perry V. Halushka, M.D, Ph.D.**, Professor of Cell and Molecular Pharmacology and Experimental Therapeutics
- John D. Hildebrandt, Ph.D.**, Professor of Cell and Molecular Pharmacology and Experimental Therapeutics
- Jennifer S. Isaacs, Ph.D.**, Assistant Professor of Cell and Molecular Pharmacology and Experimental Therapeutics
- David J. Jollow, Ph.D.**, Professor Emeritus of Cell and Molecular Pharmacology and Experimental Therapeutics
- Daniel R. Knapp, Ph.D.**, Distinguished University Professor and Professor of Cell and Molecular Pharmacology and Experimental Therapeutics
- David T. Kurtz, Ph.D.**, Professor of Cell and Molecular Pharmacology and Experimental Therapeutics
- Stephen M. Lanier, Ph.D.**, Professor of Cell and Molecular Pharmacology and Experimental Therapeutics
- Yefim Manevich, Ph.D.**, Research Associate Professor of Cell and Molecular Pharmacology and Experimental Therapeutics
- Harry S. Margolius, M.D., Ph.D.**, Distinguished University Professor and Professor Emeritus of Cell and Molecular Pharmacology and Experimental Therapeutics
- Donald H. Miller, Ph.D.**, Professor Emeritus of Cell and Molecular Pharmacology and Experimental Therapeutics
- Carola A. Neumann, M.D.**, Assistant Professor of Cell and Molecular Pharmacology and Experimental Therapeutics
- Philip J. Privitera, Ph.D.**, Professor Emeritus of Cell and Molecular Pharmacology and Experimental Therapeutics
- Steven A. Rozenzweig, Ph.D.**, Professor of Cell and Molecular Pharmacology and Experimental Therapeutics
- Kenneth D. Tew, Ph.D., D.Sc.**, Professor of Cell and Molecular Pharmacology and Experimental Therapeutics
- Joachim de Klerk Uys, Ph.D.**, Research Instructor of Cell and Molecular Pharmacology and Experimental Therapeutics
- Thomas Walle, Ph.D.**, Professor Emeritus of Cell and Molecular Pharmacology and Experimental Therapeutics
- Michael J. Wargovich, Ph.D.**, Professor of Cell and Molecular Pharmacology and Experimental Therapeutics

**Jerry G. Webb, Ph.D.**, Professor Emeritus of Cell and Molecular Pharmacology and Experimental Therapeutics  
**Marina Zemskova, Ph.D.**, Research Assistant Professor of Cell and Molecular Pharmacology and Experimental Therapeutics

*Secondary Appointments from the Division of Basic Sciences, Department of Cell and Molecular Pharmacology and Experimental Therapeutics to the College of Medicine Department Cell and Molecular Pharmacology and Experimental Therapeutics:*

**Brent M. Egan, M.D.**, Professor of Cell and Molecular Pharmacology and Experimental Therapeutics  
**Andrew S. Kraft, M.D.**, Professor of Cell and Molecular Pharmacology and Experimental Therapeutics  
**Martin Morard, Ph.D.**, Professor of Cell and Molecular Pharmacology and Experimental Therapeutics  
**Joseph G. Reves, M.D.**, Distinguished University Professor and Professor of Cell and Molecular Pharmacology and Experimental Therapeutics

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

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

Board Action:

**EDUCATION, FACULTY AND STUDENT AFFAIRS COMMITTEE. CHAIRMAN: MR. MELVYN BERLINSKY**  
February 11, 2011

**CONSENT AGENDA**

Item 13. Faculty Tenure Recommendations – South Carolina College of Pharmacy

Statement: At the request of the Executive Dean of the South Carolina College of Pharmacy, administration presented for approval the following recommendations for tenure in the South Carolina College of Pharmacy, effective February 11, 2011:

**Kim E. Creek, Ph.D.**, Professor, South Carolina College of Pharmacy (USC)  
**Georgi V. Petkov, Ph.D.**, Associate Professor, South Carolina College of Pharmacy (USC)

Recommendation of Administration: That these tenure recommendations be approved.

Recommendation of Committee: That these tenure recommendations be approved.

Board Action:

Item 14. Faculty Appointments

Statement: At the request of the Dean of the College of Medicine, administration presented the following faculty appointments:

**Kelvin G.M. Brockbank, Ph.D.**, (joint appointment) as Adjunct Professor in the Department of Regenerative Medicine and Cell Biology, with a joint secondary appointment in College of Dental Medicine, effective October 1, 2010

**Michael J. Caplan, M.D.**, (joint appointment) as Associate Professor, on the Clinician Educator track, in the Department of Pathology and Laboratory Medicine, with a joint secondary appointment in the College of Dental Medicine, effective January 1, 2011

**R. Gregg Dwyer, M.D., Ed.D.**, as Associate Professor, on the Academic Clinician track, in the Department of Psychiatry and Behavioral Sciences, effective November 1, 2010

**Joseph A. Mauriello, Jr., M.D.**, as Clinical Professor in the Department of ophthalmology, effective November 1, 2010

**Francis X. McGowan, Jr., M.D.**, (dual appointment) as Professor, on the Academic Clinician track, in the Department of Anesthesia and Perioperative Medicine, with dual appointments as Professor in the Departments of Regenerative Medicine and Cell Biology, and Pediatrics, Division of General Pediatrics, effective January 31, 2011

Dr. McGowan will also hold the Jerry Reves Endowed Chair for Anesthesia Research, and serve as Vice Chairman for Research and MUSC Pediatric Anesthesiologist-in-Chief.

Recommendation of Administration: That these faculty appointments be approved.

Recommendation of Committee: That these faculty appointments be approved.

Board Action:

Item 15. Changes in Faculty Status

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

**Frank J. Overdyke, M.D.**, from Professor to Adjunct Professor, in the Department of Anesthesia and Perioperative Medicine, effective December 4, 2010

Item 16. Renaming of the Maas Endowed Chair for Reproductive Endocrinology

Statement: At the request of the Dean of the College of Medicine, administration presented for approval the renaming of the Maas Chair for Reproductive Endocrinology to the Maas Chair for Reproductive Sciences. The proposed change in name of this endowed chair is aligned with the intent of the chair as it was established and is directly aligned with the department's current focus on female reproductive endocrinology and disease.

Recommendation of Administration: That this request to rename the Maas Endowed Chair to the Maas Chair for Reproductive Sciences be approved.

Recommendation of Committee: That this request to rename the Maas Endowed Chair to the Maas Chair for Reproductive Sciences be approved.

Board Action:

Item 17. Endowed Professorships

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

**Francis X. McGowan, Jr., M.D.**, Professor of Anesthesia and Perioperative Medicine, as the Jerry Reves Endowed Chair for Anesthesia Research

**Roger B. Newman, M.D.**, Professor of Obstetrics and Gynecology, as the Maas Endowed Chair in Reproductive Sciences.

Recommendation of Administration: That these requests for endowed professorships be approved.

Recommendation of Committee: That these requests for endowed professorships be approved.

Board Action:

**COMMITTEE ON FINANCE AND ADMINISTRATION**  
**February 10, 2011**  
**Minutes**

**Attendees:**

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

Mr. Schulze called the meeting to order.

**REGULAR Items**

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

Mr. Patrick Wamsley reported the financial status of MUSC is stable. The Budget to Actual numbers are on target. The University has 50 days cash on hand. Revenues are up \$19M over the same period last year; expenses are up \$35M and the bottom line shows a \$9M decrease.

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

**Item 19 Financial Status Report of University Medical Associates**

Ms. Gina Ramsey reported UMA numbers are very good. Charges are 2.7% below last year but UMA is doing well despite the loss of 5 faculty members. UMA continues to control expenses and has an operating margin of 16.7% as of December 2010. Accounts receivable are at 36 days and continuing to trend in the right direction. UMA has 275 days cash on hand and a very strong debt service of 8.58.

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

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

Ms. Michelle Garbiras reported the financial statements for the period ending December 31, 2010 reflect a decrease in net assets of \$83,000 due to several factors. One, the Office of Industry Partnership has had a slower ramp up than originally anticipated; two, tech transfer expenses were up due to increased patent prosecution expenses and delayed receipts of

patent prosecution invoices from 2009 and 2010.

The January statements reflect a turn around of much of this loss having collected about \$30k in patent prosecution recovery as well about \$10k in earned license income.

Recommendation of Committee: That this report be received as information

**Item 21 Other Committee Business.** None.

CONSENT AGENDA

None.

There being no further business, the meeting was adjourned.

**Medical University of South Carolina  
Audit Committee  
February 10, 2011  
Minutes**

**Attendees:**

Mr. William B. Hewitt, Chair	Ms. Annette Drachman
Dr. Stanley C. Baker	Mr. Jim Fisher
Mr. Melvyn Berlinsky	Mr. Joe Good
Mr. William H. Bingham, Sr.	Dr. Stephen Lanier
Dr. Cotesworth P. Fishburne, Jr.	Ms. Lisa Montgomery
Dr. Donald R. Johnson II	Dr. Etta Pisano
Dr. E. Conyers O'Bryan, Jr.	Dr. Mark Sothmann
Mr. Charles W. Schulze	Mr. Mark Sweatmann
Thomas L. Stephenson, Esquire	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 25. MUSC Compliance Update.**

Ms. Cindy Teeter provided information on the MUSC – Office of Inspector General (OIG) 2011 Workplan. She reported on OIG investigative activities which includes investigations of individuals, facilities or entities that bill Medicare or Medicaid.

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

**Item 26. UMA Compliance Update.**

Ms. Julie Acker provided an update on UMA's OIG Workplan. Her presentation focused on physician services that are under review.

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

**Item 27. Report of the Internal Auditor.**

Ms. Susan Barnhart reported on the activities of the Office of Internal Audit including the following: Controlled Substances Update; Follow-up Reviews; MUSC HR and Payroll Analysis; Effort Reporting Review; Capital Equipment Review and MUSC AP and Vendor Analysis. She also provided information on the progress of the FY2011 Audit Plan.

Dr. Greenberg asked if she could get data from other academic health centers on their controlled substance activities to determine if MUSC's activities were in a normal range.

Ms. Barnhart presented the following motion to be approved by the Audit Committee:

**BE IT MOVED** at the regular meeting of the Audit Committee of the Board of Trustees of the Medical University of South Carolina (MUSC) and the Medical University Hospital Authority (MUHA)

**THAT**, the Audit Committee hereby authorizes the Chair of the Audit Committee to approve on the Audit Committee's behalf, any increases in scope to external audit projects for MUSC which are supported by the officials of the Medical University of South Carolina and costing up to five (5%) percent of the current year contract value, and

**THAT**, the Audit Committee hereby authorizes the Chair of the Audit Committee to approve on the Audit Committee's behalf, any increases in scope to external audit projects for MUHA which are supported by the officials of the Medical University Hospital Authority and costing up to five (5%) percent of the current year contract value, and

**THAT**, the Chair of the Audit Committee shall report all such approvals and related actions to the full Committee at their next regular meeting.

Recommendation of Committee: A motion was made, seconded and unanimously voted to approve the motion.

**Item 28. Other Committee Business.**

Mr. Joe Good provided an update on the lawsuit regarding the Thurmond-Gazes Building. He also discussed the recent Supreme Court ruling that could impact MUSC's ability to collect any additional monies.

Mr. Good also reported on medical malpractice claims and payouts indicating both number and amounts of payouts had decreased. There was a discussion about the possibility of self-insuring since the payouts had been relatively low as compared to high cost of malpractice insurance.

Mr. Hewitt stated that an evaluation of KPMG, the external auditors, was being conducted and some recommended changes to the process next year should make the audit less expensive for the institution.

Mr. Hewitt stated that he wanted the Audit Committee members, at year end, to evaluate the committee's performance on completion of its responsibilities.

Recommendation of Committee: That these reports be received as information.

A motion was made, seconded and voted to go into executive session to discuss personnel matters.

At the conclusion of the executive session, with no action being taken, the Committee was adjourned.

Respectfully submitted,

Celeste Jordan



**Medical University of South Carolina  
Physical Facilities Committee  
February 10, 2011  
Minutes**

**Attendees:**

Mr. William H. Bingham, Sr., Chair	Mr. Jim Fisher
Dr. Stanley C. Baker	Mr. Joe God
Mr. Melvyn Berlinsky	Dr. Stephen Lanier
Dr. Cotesworth P. Fishburne, Jr.	Mr. John Malmrose
Mr. William B. Hewitt	Ms. Lisa Montgomery
Dr. Donald R. Johnson II	Ms. Jennifer Pearce
Dr. E. Conyers O'Bryan, Jr.	Dr. Etta Pisano
Mr. Charles W. Schulze	Mr. Stuart Smith
Thomas L. Stephenson, Esquire	Dr. Mark Sothmann
Dr. Charles B. Thomas, Jr.	Mr. Mark Sweatmann
Dr. James E. Wiseman, Jr.	Mr. Patrick Wamsley
Dr. Raymond S. Greenberg	
Ms. Susan Barnhart	

Mr. Bingham called the meeting to order.

**REGULAR Items**

**Item 22      Update on Projects.**

Mr. John Malmrose provided an update on the Drug Discovery and Bioengineering Buildings. He also discussed the results of the Budget and Control Board meeting on February 9<sup>th</sup> reporting that two projects had been approved and five of MUSC's projects had been delayed for approval. The new Governor encouraged institutions to reconsider projects submitted for approval. MUSC will resubmit the 5 projects for consideration at the next Budget and Control Board meeting.

Recommendation of Committee: Received as information.

**Item 39      Other Committee Business.    None**

**CONSENT Items for Information:**

**Item 24      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