

MUSC Research and Institutional Advancement Committee Minutes
February 13, 2025

Item 7. General Report of the Interim Vice President for Institutional Advancement

Linda Cox, Interim Vice President for Institutional Advancement, provided updates on the Office of Development's FY25 goals.

Committee Action: Received as information.

Item 8. Vice President for Institutional Advancement for Approval

Mr. Stuart Ames, MUSC Foundation CEO, recommended Carol Shannon for the Board of Trustees' approval to be appointed as the new Vice President for Institutional Advancement.

Committee Action: Recommend approval.

Item 9. General Report of the Chief Executive Officer of the MUSC Foundation

Mr. Ames provided updates on the MUSC Foundation.

Committee Action: Received as information.

Item 10. Office of Research Update

Dr. Lisa Saladin, Executive Vice President for Academic Affairs and Provost, introduced Dr. Timothy Stemmler, who will serve as the new Vice President for Research. She also thanked Dr. Anand Mehta for his service as Interim Vice President for Research. Dr. Mehta presented updates on his research on biomarkers for the early detection of liver cancer. Dr. Bouchard introduced the Three Minute Thesis winners who offered their presentations.

Committee Action: Received as information.

Item 11. Other Committee Business

None.

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

Shelli Beebe

**MUSC Education, Faculty, and Student Affairs Committee Minutes
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Item 12. Provost Report

Dr. Fabio Rizzante presented a pilot project aimed at creating a digital dentistry elective course within the James B. Edwards College of Dental Medicine, with the goal of integrating digital technologies into dentistry education. The course is designed to bridge the gap between technical/practical knowledge and the technological resources available in clinical settings. It aims to foster a collaborative and innovative environment by providing didactic and hands-on training to students and paves the way for future advancements in the field.

Transforming Dental Education through AI

Dr. Sonali Rathore, BDS, MS, FICD, presented on the topic of “Transforming Dental Education through AI,” focusing on the exponential growth of artificial intelligence (AI) in healthcare, with a specific emphasis on its applications within dentistry. Dr. Rathore discussed various applications of AI, including Caries detection, CAD/CAM design for treatment planning, and prognosis of restorations.

The pilot study aims to compare the diagnostic performance of AI software with that of second-year dental (D2) students using traditional bitewing radiographs. The goal is to determine whether AI-assisted tools enhance students' abilities to interpret radiographs for the detection of caries.

Dr. Rathore outlined potential future applications of AI in dental education, which include integration of AI technology into the radiology curriculum, development of simulated learning environments, and the creation of personalized learning experiences for students.

Committee Action: Received as information.

Item 13. Other Committee Business

None.

Consent Agenda

Item 27. Affiliate Faculty Appointments (Consent Item)

College of Medicine

Heather W. Walker, M.D., as Affiliate Professor, in the Department of Orthopaedics and Physical Medicine and Rehabilitation, effective November 1, 2024.

Ward Curtis Worthington, III, M.D., as Affiliate Associate Professor, in the Department of Neurosurgery, effective December 1, 2024.

Item 28. Change in Faculty Status (Consent Item)

College of Medicine

Bashar W. Badran, Ph.D., from Associate Professor to Adjunct Associate Professor, in the

Department of Psychiatry and Behavioral Sciences, Division of Biobehavioral Medicine, effective January 6, 2025.

College of Nursing

Berry S. Anderson, Ph.D., RN, from Associate Professor to Affiliate Associate Professor in the Department of Nursing, College of Nursing, effective January 7, 2025.

Item 29. Distinguished University Professor (Consent Item)

College of Medicine

Lucinda A. Halstead, M.D., Professor in the Department of Otolaryngology-Head and Neck Surgery, for appointment as Distinguished University Professor, effective February 14, 2025.

M. Edward Wilson, M.D. Professor in the Department of Ophthalmology, for appointment as a Distinguished University Professor, effective February 14, 2025.

Item 30. Endowed Chair Appointments (Consent Item)

College of Medicine

Brian Houston, M.D., Professor in the Department of Medicine, Division of Cardiology, to the Volpe SmartState Endowed Chair in Cardiovascular Biomarker Development and Molecular Proteomics, effective July 1, 2025.

Item 31. Emerita/Emeritus (Consent Item)

College of Medicine

Ayad A. Jaffa, Ph.D., Professor Emeritus, in the Department of Medicine, Division of Endocrinology, effective February 1, 2025.

Item 32. Faculty Appointments (Consent Item)

James B. Edwards College of Dental Medicine

Concepcion Barboza Arguello, DDS, as Professor on the Academic Clinical Track, in the Department of Reconstructive and Rehabilitation Sciences, Division of Pre-Doctoral Prosthodontics, effective March 1, 2025.

College of Health Professions

Catherine Horvath, DNP, DRNA, Associate Professor, Department of Clinical Sciences, Division of Anesthesia for Nurses, effective March 10, 2025.

Michelle Nichols, Ph.D., RN, Associate Professor, Department of Health Sciences & Research, effective January 6, 2025.

College of Medicine

Martin B. Steed, DDS, [Joint Secondary] as Professor, in the Department of Otolaryngology, effective January 1, 2023. Dr. Steed's primary appointment rests in the College of Dental Medicine.

Timothy Louis Stemmler, Ph.D. Timothy Louis Stemmler, Ph.D. as Professor with Tenure, on the Academic Investigator track, in the Department of Biochemistry and Molecular Biology,

effective February 1, 2025. Dr. Stemmler will also serve as Vice President for Research.

Robert A. Utsman, DDS, MPM, [Joint Secondary] as Associate Professor, in the Department of Otolaryngology, effective July 1, 2023. Dr. Utsman's primary appointment rests in the College of Dental Medicine, Department of Biomedical and Community Health Sciences.

Deirdre Sams Williams, DDS, MS, [Joint Secondary] as Associate Professor, in the Department of Pediatrics, effective January 1, 2023. Dr. Williams' primary appointment rests in the College of Dental Medicine, Department of Advance Specialty Sciences.

Michelle Ziegler, DDS, [Joint Secondary] as Associate Professor, in the Department of Otolaryngology, effective January 1, 2023. Dr. Ziegler's primary appointment rests in the College of Dental Medicine, Department of Biomedical and Community Health Sciences.

Item 33. Tenure (Consent Item)

College of Medicine

Timothy Louis Stemmler, Ph.D. as Professor with Tenure, on the Academic Investigator track, in the Department of Biochemistry and Molecular Biology, effective February 1, 2025. Dr. Stemmler will also serve as Vice President for Research.

Committee Action: Recommend all appointments for approval.

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

Shelli Beebe

MUSC/MUHA
Finance and Administration Committee Minutes
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Item 14. MUSC Financial Report.

Susie Edwards, Chief Financial Officer, MUSC, presented the University's December 31, 2024, financial statements. She reported 178 Days of Operating Cash and a \$21 million operating margin which was \$18 million favorable to budget. The University budgeted a 1% margin and ended December with a 4% margin. Ms. Edwards detailed that both the Operating Revenue and Operating Expense during the reporting timeframe were favorable by \$3 million and \$15 million respectively.

Committee Action: Received as information.

Item 15. MUSC Health Financial Report.

Doug Lischke, MUSC Health, Chief Financial Officer, presented the year-to-date financial results for the MUSC Health System. As of December 31, 2024, days cash on hand were 71 days ahead of budget. The overall operating performance was strong, with EBIDA (or Earnings before Interest, Depreciation, and Amortization) of \$296M, favorable to budget by \$54M. Operating margin performance was strong at 5.7%. Mr. Lischke shared a consolidated view of the balance sheet, which continues to reflect solid stability.

Mr. Lischke reviewed the Charleston and Regional Health Network's key performance indicators and overall financial impact. Overall, the system's financial performance compared to the budget is strong.

Mr. Lischke presented further details of the community hospitals by component unit. Each market has a positive system EBIDA impact. He then described eight budget reprioritization requests. These requests will have no incremental increase to the expense budget. Also requested was approval for three resolutions that allow the financing issuance as part of the Indian Land, Nexton, and equipment financings.

Committee Action: Received as information.

Item 16. Budget Reprioritization Request.

Doug Lischke presented the following budget reprioritization requests for approval:

- Marion Nursing Home Upfit \$ 750,000
- Shawn Jenkins Children's Hospital (SJCH) Bed Expansion Project \$ 2,000,000
- Charleston CEP Emergency Power Upgrade/Building Improvement \$ 1,000,000
- Orangeburg Santee Primary Care Plus/PT/OT/Healthplex \$ 2,500,000
- Kershaw CT Scanner Construction \$1,250,000
- Chapin Primary Care Upfit \$2,700,000
- Kershaw CT Scanner Construction \$ 1,250,000
- Consulting Integral Leaders in Health (IHL) \$ 667,000
- Mercer \$ 300,000
- Notable \$ 790,000

Committee Action: Recommend approval.

Item 17. Indian Land Resolution for Approval.

Doug Lischke presented for approval a resolution regarding financing options for the Indian Land project.

Committee Action: Recommend approval.

Item 18. Nexton Resolution for Approval.

Doug Lischke presented for approval a resolution regarding financing options for the Nexton project.

Committee Action: Recommend approval.

Item 19. Resolution Approving the Equipment Financing for Indian Land and Nexton Projects

Doug Lischke presented for approval a resolution regarding financing for the equipment pertaining to the Indian Land and Nexton projects.

Committee Action: Recommend approval.

Consent Agenda

Item 34. MUSC Physicians Financial Report (Consent item).

The MUSC Physicians financial report for the period ending October 31, 2024, was presented.

Committee Action: Received as information.

Item 35. FY2025 Consulting, Contractual, and Professional Services Contracts > \$50,000.00 (Consent Item).

A consolidated report of all consulting, contractual, and professional services over \$50,000.00 for MUSC, MUHA, and MUSC-P was provided as information.

Committee Action: Received as information.

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

Shelli Beebe

Hollings Cancer Center Committee Minutes February 13, 2025

Item 21. Hollings Cancer Center (HCC) Update.

Dr. Ray DuBois, Hollings Cancer Center (HCC) Director, gave an update to the Board focused on HCC's goals, objectives, challenges, and progress toward achieving comprehensive NCI status. He highlighted the depth and breadth of cancer research activities, transdisciplinary research, community outreach, and integration of cancer training and education.

As part of the research impact, Dr. DuBois informed the Board that the FDA proposed a rule to limit nicotine in tobacco products, citing Tracy Smith, Ph.D.'s research. Further, Ashish Deshmukh, Ph.D., published a study showing a 62% drop in cervical cancer deaths due to HPV vaccination. Lastly, Ben Toll, Ph.D., received an NCI R01 for a clinical trial on e-cigarette cessation. For Hollings' impact on the community, Dr. DuBois stated that Community Outreach and Engagement (COE) reached over 1 million people through media, public education, and training events. They navigated 1,714 people to cancer screening and reached 453 people through vaccination clinics.

He mentioned having significant growth in new patient numbers, ambulatory encounters, and surgeries. New cancer cases are abstracted 4-6 months post-visit, and Hollings is making efforts to improve abstraction turnaround time.

In the future, MUSC aims to provide comprehensive cancer care under one roof, with state-of-the-art services and a coordinated approach to expand community-based care to improve patient access.

Committee Action: Received as information.

Item 22. Other Committee Business.

None.

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

Shelli Beebe