



Medical University of South Carolina and MUSC Health Board of Trustees President's Report

December 2021



ACADEMICS: RESEARCH



- **MUSC College of Medicine (COM) announced the launch of a new Translational Team Science Program**, which will support new research teams to conduct initial studies and establish funded translational research programs.
- **MUSC Hollings Cancer Center was recently awarded a \$9.7M program project grant by the National Cancer Institute (NCI)** (Denis Guttridge, Ph.D. and Michael Ostrowski, Ph.D. Co-PIs, in collaboration with Indiana University). Over the five-year grant period, the team aims to uncover the biology behind cachexia, a syndrome of cancer characterized by involuntary and excessive weight loss caused by the depletion of skeletal muscle and adipose tissue. This is the first time that the NCI has awarded a program project grant to study cancer cachexia, which affects approximately 50% of all cancer patients.
- **College of Health Professions (COHP) Stroke Rehabilitation Research (Steven Kautz, Ph.D., Christie Family Endowed Chair PI) received a competitive equipment supplement award** to establish a state-of-the-art facility using transcranial magnetic stimulation during functional MRI scans. MUSC will be the first institution in the United States to have this technology.
- **The Duke Endowment awarded \$4,595,458 to MUSC investigators** during this ½ year cycle. This funding will:
 - Increase access to behavioral health resources by integrating a behavioral health team into the Medical University of South Carolina's Sickle Cell Disease clinics.
 - Improve access to mental health and substance abuse treatment by using telemedicine and remote patient monitoring for peripartum women.
 - Develop and test a telehealth-enabled home visitation program providing all newborns and their families with ongoing care and social supports after delivery.
 - Improve access to care by increasing the number of minority providers who provide telehealth services for low-income and rural populations at the new Lake City/Williamsburg Hospital.



- **Jason Newman, M.D., has accepted the position of Director of the Division of Head and Neck Oncology** in our Department of Otolaryngology-Head and Neck Surgery, effective March 1, 2022. He will be joining MUSC from the University of Pennsylvania School of Medicine.
- **Pat O'Neil, Ph.D., Professor in our Department of Psychiatry and Behavioral Sciences and director of the Weight Management Center, was selected for the George A. Bray Founders Award** by The Obesity Society. This award recognizes an individual for significant contributions that advance the scientific or clinical basis for understanding or treating obesity and for extensive involvement with The Obesity Society.
- **Marvella Ford, Ph.D., Associate Director of Population Sciences and Cancer Disparities at Hollings Cancer Center and Professor, Department of Public Health Sciences, participated in the first UK-US Cancer Summit** on November 13 -14, that was attended by more than 60 leaders tasked with crafting recommendations to create bilateral collaborative opportunities. The recommendations from the summit will be a topic of discussion between Prime Minister Boris Johnson and President Joe Biden at a follow-on leaders' summit in Spring 2022.
- **Ray DuBois, M.D., Ph.D., Dean of the College of Medicine and Director of Hollings Cancer Center provided testimony on October 20 at the U.S. House Energy and Commerce Subcommittee on Health** during a hearing titled "Enhancing Public Health: Legislation to Protect Children and Families" to stress the importance of cancer screenings.
- **Catherine O. Durham, DNP, APRN, FNP-C, FAAN, College of Nursing Associate Professor, Assistant Dean Graduate Practice Programs was inducted as a Fellow** into the American Academy of Nursing on October 9, 2021 in Washington, DC.
- **Susan D. Newman, Ph.D., RN, CRRN, College of Nursing, Associate Professor and Assistant Dean, PhD in Nursing Science Program. Invited member: World Health Organization's Rehabilitation Programme Peer Review Group** for the Package of Interventions for Rehabilitation of Spinal Cord Injury.
- **Angie Powers, DNP, CNP, PMHNP-BC, College of Nursing, Instructor, DNP program was awarded the prestigious National Infantry Association Order of Saint Maurice-Legionnaire** for her heroism, courage, and character in the face of life-threatening adversity.
- **Suzanne Thomas, Ph.D., Associate Provost for Educational Planning & Effectiveness was elected to the Board of Directors for the Tri-county Cradle to Career Collaborative (TCCC)**, a non-profit organization committed to closing the academic achievement gap for all children in the tri-county region, with an emphasis on those who are impacted the most.

ACADEMICS: EDUCATION



- **MUSC COM received the final LCME re-accreditation visit report, which took place in May 2021.** The LCME determination was to “continue full accreditation of the medical education program for an eight-year term”. Our next full survey visit will take place during the 2028-2029 academic year.
- **MUSC COHP Master of Science in Genetic Counseling degree was approved by the Commission on Higher Education.** This academic program will help fill the need for genetic counselors at MUSC and around the state.
- **The 25th Anniversary Issue of Humanitas, MUSC’s creative journal of the art and letters, was released in October. Under the sponsorship of MUSC’s Office of Humanities, Humanitas is a literary and visual arts journal.** All members of the MUSC community are invited to submit works for consideration by the student editorial board. Faculty advisors are Academic Affairs Faculty members Tabitha Samuel and Lisa Kerr. The online version of the print publication is available at <https://education.musc.edu/students/cae-and-writing/office-of-humanities/humanitas/2021-humanitas-vol-25>
- **MUSC College of Dental Medicine (CODM) and Roper St. Francis opened the Ryan White Clinic November 1, 2021.** This is a joint partnership between the CODM and Roper St. Francis. The program will provide a unique interprofessional experience for our students who will provide oral healthcare, off-the-peninsula, to an underserved population.



- **First Lady Dr. Jill Biden toured the Hollings Cancer Center on October 25, 2021** speaking with senior leadership, researchers, community health educators and patient advocates to promote health equity and breast cancer awareness. As part of this visit, we also welcomed Dr. Ned Sharpless, Director of the National Cancer Institute.
- **The Office of Equity completed the administration of MUSC's inaugural enterprise-wide climate survey**, with data collected from 4,207 care team members, faculty, staff, and students across the University, MUSC Health Charleston, Florence, and Lancaster. Benchmark reporting and strategic recommendations will be shared beginning in early Spring 2021.
- **MUSC held its 5th Annual Inclusion to Innovation Summit, on November 8, 2021, with a platinum sponsorship (\$10K) by Siemens Healthineers.** Over 120 attendees participated in the full day of virtual programming and open conversations about inclusion and innovation. Keynote and breakout sessions were led by national thought leaders in healthcare, biotechnology, social justice, and diversity, equity, and inclusion.
- **For the 5th consecutive year, MUSC has been awarded the Health Professions Higher Education Excellence in Diversity (HEED) Award** from INSIGHT Into Diversity magazine. Additionally, for the 4th consecutive year, MUSC has been named a Diversity Champion, an honor for top-tier institutions that set the standard for thousands of other campus communities striving for diversity, equity, and inclusion across the nation.
- **MUSC Office of Development raised \$1,038,519 on Giving Tuesday**, over \$450K more than last year.
- **MUSC and Notable, the leading intelligent automation company for healthcare, announced an innovation partnership** to create a digital experience for patients throughout their care journey. MUSC Health will leverage the Notable AI platform to power a digital front door for every patient interaction, automating scheduling, registration, clinical intake workflows, and more. As partners, MUSC and Notable will work to design and enable an AI automation of clinical trials activities.
- **MUSC was recognized as a Digital Health Most Wired organization** based on the implementation, adoption, and cost-effective use of technology to elevate the health and care of the communities we serve.
- For his service to the greater Charleston community during the COVID-19 pandemic, **MUSC President David J. Cole, M.D., FACS, was honored with the 2021 Joseph P. Riley Leadership Award** by the Charleston Metro Chamber of Commerce on December 3.



- **MUSC Health and Fetter Health Care Network, a federally qualified health care center that serves Charleston, Berkeley, Colleton, and Dorchester Counties, have announced an affiliation** to improve access to care for patients, help eliminate health disparities, and improve the community's health. The affiliation will include opportunities for care coordination when Fetter patients need MUSC specialty or hospital-based services as well as other community initiatives to increase access to high-quality health care for all residents. Fetter is one of MUSC Health's initial affiliates in a statewide strategy to increase access to care for rural and underserved communities through new agreements with FQHCs located in those communities.
- **MUSC Health launched vaccines for 5 – 11-year-olds immediately after Pfizer-BioNTech C-19 vaccine approved** under FDA's emergency use authorization with 340 vaccinations administered and 2,038 scheduled within the initial 48 hours.
- **MUSC Health executed the Regional Health Network Addendum to the Enterprise Framework Agreement with Siemens Healthineers.** This extends our strategic affiliation with Siemens to include the Florence and Lancaster Divisions, which will allow those divisions to take advantage of components of the affiliation.
- **MUSC Health systemization efforts had the second branded helicopter** operationalized out of Sumter.
- **MUSC Health Lab & Pathology ICCE:**
 - Precision Molecular - \$300K investment has provided a \$1M ROI to date with another \$1.5M disbursement scheduled for December.
 - Precision Molecular - rolling out 2 additional genetic tests: Perioperative and Mental Health.
- **MUSC Health Pharmacy ICCE:**
 - Retail/Specialty Pharmacy - \$27.5M over budget for revenue YTD.
 - Contract signed with Palmetto Infusion to be their 340B contract pharmacy.

MUSC Health: Charleston

- Completed American College of Surgery Children's Surgical Verification site visit.
- Moved adult and pediatric sickle cell clinic into new improved space Completed a very successful Charleston Division perioperative retreat with tremendous involvement of physicians and physician-leaders.
- Achieved maximum score for Blue Cross/Blue Shield Plus and Medicaid Select Health Quality Programs. Hit challenge goal in Accountable Care Organization (ACO) for all quality measures.
- All Primary Care practices in Charleston received redesignation as NCQA Patient Centered Medical Homes.



MUSC Health: Florence

- Black River Medical Center (Lake City/Williamsburg) topping off ceremony on November 15.
- Wendy Davis recognized for the NAON award (National Association of Orthopedic Nurses).
- 11 Zero Harm Awards.
- Excellent Joint Commission survey with only 3 clinical findings.
- Leapfrog score of "A" for patient safety in Florence.
 - Marion Medical Center improved from "D" to "C".

MUSC Health: Lancaster

- Certificate of Need for surgical robot received with first cases expected in the coming weeks.
- MUSC Lancaster Division is official provider of choice for Chester and Lancaster County schools, including on-site athletic trainers, expedited access, and provider coverage at athletic games.
- Planning for MUSC Health Indian Land Medical Center medical office building is underway with completion expected during 2023.
- Key physician commitments for the remainder of FY'22 include neurology (APP), orthopedics (2 MDs), primary care (1 MD), transplant surgery (1 MD), and urology early FY 2023.
- Excellent Joint Commission survey at MUSC Health Lancaster Medical Center with only 5 clinical findings.
- 21 Zero Harm awards.
- Leapfrog score of "B" for patient safety in Lancaster for third straight cycle, improved from "C" for cycles prior to 2019.

MUSC Health: Midlands

- Successful meetings in November with HUD in anticipation of closing loan in January 2022.
- Significant patient census increases for Columbia facilities (75 in August; 125 on November 30th).
- Key leadership roles started:
 - Mac Leppard, M.D. part-time Strategic Physician Advisor
 - Punam Patel, Manager External Affairs
 - Zach Driver, Manager Internal Communications
- First to market in Midlands with spine robotic surgery. Procedures being performed by new spine surgeon, Brett Gunter, M.D.



- Tele-Palliative Care launched at Kershaw Medical Center in November.
- Monoclonal Antibody Infusion Clinic opened at Columbia Medical Center in November.
- Kershaw Medical Center surpassed 900 Monoclonal Antibody Infusions.
- 10 Zero Harm awards.

MUSC Health: Upstate

- Tribe513 went live on November 1, 2021 with physician services agreement between MUSC Affiliate Physicians and Tribe513, PA for ambulatory clinics in the upstate.



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