



Medical University of South Carolina and Medical University Hospital Authority Board of Trustees President's Report

February 2023





- The winners of the Medical University of South Carolina (MUSC) President's 2022 Values in Action (VIA) Award are listed below by the value in which they were recognized:
 - Compassion: Tenelle O. Jones, LMFT, LAC, Department of Psychiatry and Behavioral Sciences
 - Respect: Keith Smalls, Department of Surgery
 - Respect: Donnimechia "Donnie" Singleton, Department of Surgery
 - Respect: Tatiana M. Davidson, Ph.D., Nursing and Psychiatry
 - Innovation: Emma C. Vought, MS, CMI, PCM, CDMP, Office of Communications and Marketing
 - Collaboration: Shanta Salzer, CCRP, Hollings Cancer Center Clinical Trials Office
 - Integrity: Virginia "Rene" Cooke, BSN, RN, CNOR, CST, CRCST, CHL, OR/CSPD
- Russell "Chip" Norris, Ph.D., Department of Regenerative Medicine and Cell Biology, received the President's Impact Award for his tremendous, enterprise-wide contributions, and for elevating his field of research nationally. This award recognizes an individual whose work has risen to the level of having an impact beyond our institution in the community, state, or nation.
- David J. Cole, M.D., FACS, MUSC President was honored as 2022 Hall of Fame member of the Charleston 50 Most Influential by Charleston Business Magazine, which recently celebrated these outstanding men and women in the Charleston community.
- Dr. Patrick J. Cawley, M.D., MBA, CEO of MUSC Health and Executive Vice President for Clinical Operations for the University was recognized for the second consecutive year as one of Charleston's 50 Most Influential by Charleston Business Magazine.
- Cathie Cannon, Assistant Vice President of Health Marketing at UConn Health with the University of Connecticut, joined MUSC on February 10, 2023, as the Chief Communications and Marketing Officer.

ACADEMICS: EDUCATION



- The newly renovated Colbert Library recently opened. This space offers state-of-the-art technology, including several collaborative learning spaces where students can work in groups at one of the multiple computers in the room and directly share the group findings on a 55" monitor. Damon Amella, Director of Classroom Technology, and his team enabled this opening.
- Swathi Varanasi, PharmD, Class of 2019, was recognized as one of the 50 Most Influential Leaders in Pharmacy Award by the Pharmacy Podcast Network (PPN).
- The College of Graduate Studies (CGS) held its second annual 3MT competition on January 18, 2023. The winner, Melanie Wiley, Medical Science Training Program student in the laboratory of Mark George, M.D., will represent CGS/MUSC in the regional competition in March 2023.
- The College of Nursing's annualized National Council Licensure Examination [for] Registered Nurses (NCLEX-RN) exam first time pass rate was 98.97% for 2022. The South Carolina overall first-time pass rate was 87.13%, and the National overall first-time pass rate was 79.91%.
- The National Center for Interprofessional Practice and Education recently selected Mary Mauldin, Ed.D., Professor Emerita and former MUSC Executive Director of the Office of Instructional Technology and Faculty Resources (ITFR), as one of two inaugural Nexus Distinguished Scholars.
- Thirteen fourth-year students in the College of Medicine (COM) received their U.S. military residency match results in December 2022. All these students are committed to serving in the U.S. military after graduation and completion of initial residency training.

They will be celebrated along with the entire Class of 2023 on Match Day in March 2023:

Student	Branch of Service	Specialty
Evan Biles	Army	Transitional Year
Dawson "Greg" Bolus	Air Force	Emergency Medicine
Logan Fitzpatrick	Army	OBGYN
Gary Grear (AnMed)	Air Force	Family Medicine
John Hall	Air Force	Emergency Medicine
Polly Jasper	Air Force	General Surgery
Garrett Neel (AnMed)	Navy	Orthopedic Surgery
O'Connell Penrose	Air Force	Transitional Year
Nodia Robinson	Army	Internal Medicine
Briggs Smith	Army	Anesthesia
Peyton Tharp	Navy	Family Medicine
Elijah Weber	Air Force	Anesthesia
Gabrielle Young	Army	Transitional Year

ACADEMICS: FACULTY



- Terry Steyer, M.D., Dean of the COM, and Vice President for Medical Affairs has been invited to join the Society of Teachers of Family Medicine (STFM) Foundation Board as a Trustee.
- Garth Swanson, M.D., has been recruited as the new Director of the Division of Gastroenterology and Hepatology in the Department of Medicine, effective June 1, 2023. As an MUSC alum, Dr. Swanson returns to MUSC from Rush University Medical Center, where he is a Professor of Medicine in the Division of Digestive Diseases and Nutrition.
- Dirk Elston, M.D., Professor and Chair, COM Department of Dermatology, was awarded the American Academy of Dermatology's 2023 Thomas G. Pearson Award in recognition of his commitment and service to his specialty and the Academy.
- Joseph Scalea, M.D., Professor and Vice Chair of Innovation, COM Department of Surgery, was honored with the 2023 American Society of Transplant Surgeons Rising Stars in Transplantation Surgery Award. This award recognizes individuals who have made a significant, profound, or potentially transformative contribution to the discipline.
- Anand Mehta, Ph.D., Professor, COM Department of Cell and Molecular Pharmacology and Senior Associate Dean for Research, COM, has been elected as a Fellow in the National Academy of Inventors.
- Michael Cummings, Ph.D., Professor, COM Department of Psychiatry, was selected as the recipient of the 2023 Doll-Wynder Award from the Society for Research on Nicotine and Tobacco. This award honors scientists who have made groundbreaking advances in public health, public policy, or epidemiological research.
- Carla Danielson, Ph.D., and Alyssa Rheingold, Ph.D., both Professors, COM Department of Psychiatry, were selected as the recipients of the MUSC 2022 Advancement of Women Award. The purpose of this award is to recognize faculty members who best demonstrate excellence in commitment to the advancement and promotion of women faculty at MUSC.
- Connie Guille, M.D., Professor, COM Department of Psychiatry, was awarded the 2022 Telehealth Pioneer Award during the 10th Annual Telehealth Summit of South Carolina.
- Elizabeth Hill, Ph.D., Hollings Biostatistics Shared Resource Director, has been named Associate Editor for the Journal of Clinical Oncology (JCO). JCO, the flagship publication of the American Society of Clinical Oncology (ASCO), is the leading journal for dissemination of high-impact clinical oncology research (impact factor 50.7).

ACADEMICS: FACULTY



- Özlem Yilmaz, DDS, Ph.D., Professor and Chair, College of Dental Medicine (CODM), Department of Oral Health Sciences, was selected and inducted into the Sigma Xi, The Scientific Research Honor Society in December 2022.
- Lauren Gellar, Ph.D., College of Health Professions (CHP) Division Director and Associate Professor in the Healthcare Studies Division, is the 2023 Martin Luther King Humanitarian Award recipient.
- Megan Donaldson PT, Ph.D., FAAOMPT, Professor and Chair of the Department of Rehabilitation Sciences, joined the CHP in January 2023.
- Russell “Chip” Norris, Ph.D., Professor COM Department of Regenerative Medicine and Cell Biology, and doctoral student Cortney Gensemer were highlighted by CNN News in December 2022 for their pioneering work on Hypermobility Ehlers-Danlos syndrome (hEDS).
- Richard Segal, Ph.D., PT, FAPTA, and Randal Davis, MBA, co-lead the National Coordinating Center for the NIH’s Medical Rehabilitation Research Resource (MR3) Network and represented both the NIH and MUSC at the International Neural Control of Movement conference in Dublin, Ireland in July 2022.
- Latecia Abraham-Hilaire, DHA, MHA, was appointed as the Director of MUSC’s Public Information and Community Outreach (PICO) Division and Principal Investigator of the U.S. Department of Energy’s Community Leaders Institute and Allen University’s Environmental Justice Institute.

ACADEMICS: RESEARCH



- In Our DNA SC, the MUSC research partnership with Helix, surpassed the first-year goal of 20,000 samples in January 2023.
- Jim Oates, M.D., received a \$750K renewal on his P30 grant “Improving Minority Health in Rheumatic Disease (IMHeaRD),” a project designed to advance knowledge in clinical care and health outcomes of women and minority patients who have, or who are at risk of developing, systemic lupus erythematosus, scleroderma, and other debilitating rheumatic diseases.
- Shikhar Mehrotra, Ph.D., Professor, COM Department of Surgery, Associate Director, Cell Therapy Unit, Cell Evaluation & Therapy Shared Resource, Hollings Cancer Center (HCC), and Besim Ogretmen, Ph.D., Endowed Chair in Lipidomics & Drug Discovery and Director of the Lipidomics Shared Resource, HCC, co-founders of spin-off biotech company Lipo-Immuno Tech, LLC, have received their second phase I Small Business Technology Transfer (STTR) grant, which funds development of a novel adoptive cell therapy technology for cancer.
- Anand Mehta, D.Phil., SmartState Endowed Chair of Proteomic Biomarkers in the Department of Cell and Molecular Pharmacology and Experimental Therapeutics, COM, has been named a fellow of the National Academy of Inventors (NAI). It is the highest professional distinction awarded to academic inventors. He has over 100 peer-reviewed publications to his name.
- Benjamin Toll, Ph.D., Professor, COM Department of Public Health Sciences and Co-Director of the Lung Cancer Screening Program at HCC, is President-Elect for the Society for Research on Nicotine & Tobacco (SRNT). In this capacity, Dr. Toll will be one of nine voting Board Members, and in 2024 he will be the President and lead the Society, including visits to Congress and the Food and Drug Administration (FDA) to discuss US policies regarding nicotine and tobacco.



ENTERPRISE

- MUSC Health's partnership with the South Carolina Department of Corrections (SCDC) continues to grow with new gastrointestinal service support, mobile mammography services, and e-consult implemented.
- Tidelands Health officially joined Hollings Cancer Network in January 2023.
- MUSC Health executed a Letter of Intent (LOI) for an endoscopy Ambulatory Surgical Center (ASC) in the Nexton area on December 6, 2022.
- On December 10, 2022, MUSC Physicians entered into a contract to purchase a property and have a new medical office building built at Clements Ferry Road in the new Cainhoy Development. We are slated to have a 4-story 80,000 square foot building built by the Keith Corporation by mid-2024.

MUSC HEALTH CHARLESTON

- The MUSC Health Charleston Pediatric and Congenital Heart Program was recognized as providing exceptional care by the Society of Thoracic Surgeons Congenital Heart Surgery Public Reporting. Our overall 4-year observed mortality is 1.37% (expected 2.59%), almost 50% less than expected. In addition to outstanding survival, our length of stay is lower than the national average for all ten benchmark operations and all 5 STAT Categories.
- CY2022 adult transplant program: n = 59; 10th highest volume in the US; 92.0% 1-year survival (US average 90.9%); 97.4% 1-year survival conditional on 90-day survival (US average 96.1%, and among best in country); 93% 3-year survival (US average 85.9%).
- CY2022 durable VAD program: n = 50; 5th highest volume in the US; 1-year survival > 5% better than national average (most recent national average 87%) despite a nearly exclusive destination therapy implant volume (98%); completed 190 VAD evaluations CY2022 (up from 100-year prior) with 100% of evaluations completed within programmatic goal time.
- MUSC Health Charleston's transplant team performed three TransMedics heart transplants in CY2022, including the first reported combined heart-kidney transplant.
- MUSC Health Charleston obtained successful Joint Commission Recertification for Comprehensive Stroke Program.
- MUSC Health Charleston has been designated as a National Pancreas Foundation Center of Excellence.
- MUSC Health Charleston opened the first MUSC wound care clinic and hyperbaric chamber on the Charleston campus.
- MUSC Health Charleston provided Top Tier Value-based Care CY22 in Performance with Ambulatory Quality Measures (Medicare ACO, BCBS PCMH+, BCBS Kids, Select Health).
- MUSC Health Charleston opened a new Neurosurgical ICU with expansion to 30 beds.



- This past year, MUSC Health Charleston’s structural heart team performed the 1,000th Transcatheter Aortic Valve Replacement (TAVR).
- MUSC Health Charleston was successful in the recruitment of key clinical and administrative leadership for Oncology Integrated Centers of Clinical Excellence (ICCE) and Hollings Cancer Network, hiring Craig Lockhart, M.D., Kevin Platé, MBA, Jason Newman, M.D., and Laura Sample, MHA.

MUSC HEALTH FLORENCE

- On January 17, 2023, MUSC Black River Medical Center was successfully opened.
- On December 1, 2022, MUSC Health Florence closed on the Williamsburg rural health and ambulatory clinics as part of the MUSC Black River Medical Center tri-party relationship. On January 17, 2023, we acquired Williamsburg Physical Therapy (PT) assets and the Lake City PT clinic.
- MUSC Health has entered several leases and acquired properties associated with the MUSC Black River Medical Center from Williamsburg County Regional Hospital and Lower Florence County Hospital.
- MUSC Black River Medical Center has been awarded two Green Globes by Green Building Initiative (GBI) for energy efficiency.
- MUSC Florence Maternity Care was designated as High Performing by US News and World Reports.
- MUSC Florence received six Quality and Safety Awards.
- MUSC Florence achieved the top decile in the Vizient quality comparison group for Mortality.

MUSC HEALTH LANCASTER

- MUSC Health’s Transplant Program in Lancaster received notice of Centers for Medicare & Medicaid Services (CMS) certification in early December 2022. This certification reflects quality/safety compliance and triggers reimbursement eligibility. The program reached the milestone of 25 kidney transplants in early January 2023. To-date, 28 transplants have been performed with donor kidneys coming from six states and 25 of 28 recipients from South Carolina.
- The 36-bed inpatient unit for patients from the SCDC opened at MUSC Health Chester Medical Center on January 16, 2023. Four patients were admitted on opening day, and census will ramp up quickly in the coming weeks as patients are transferred from outside hospitals to the dedicated unit.
- Medical staff development efforts have led to significant growth in surgical volume within the MUSC Health Lancaster Division over the last 2-years. Surgical volume increased by 31% for FY2021 to FY2022 and has increased by another 16% FYTD2023. Specialties experiencing the most significant growth include general surgery, orthopedics, and urology.



MUSC HEALTH MIDLANDS

- The MUSC Health Midlands Division Low Dose CT program has experienced rapid growth since opening in the summer of 2022. We will now add a Lexington County location in addition to our three other sites. The new location will be at 2351 Augusta Hwy, Lexington, SC, 29072.
- The WellHive platform went live in MUSC Health Midlands on December 19, 2022. WellHive improves the process of receiving referrals from the Veteran's Affairs (VA) by allowing VA staff to book appointments electronically, directly with MUSC Health Midlands providers. We are the first academic medical center in the country to partner with WellHive and the VA.
- MUSC Health Midlands Columbia Medical Center was recently awarded the Certificate of Distinction in Chest Pain by the Joint Commission.
- On December 27, 2022, Jeff Brooker, M.D., donated to Mainsail, the property at 1625 Bernardin Street, Columbia, SC, 29204. This parcel abuts the former Providence Hospital and will expand MUSC Health Midland's campus.



musc.edu



muschealth.org