



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

APRIL 2022



ACADEMICS: EDUCATION



- **The MUSC College of Medicine (COM) had a very successful residency match** on March 18, 2022. The overall match rate pre-supplemental offer and acceptance program (SOAP) was 95.4% (national average 92.9%). Following SOAP, 100% of the graduating students of the Class of 2022 secured a residency position. A total of 41 (27.3%) students will remain in South Carolina to complete their residency training, with 30 of these students staying here at MUSC. The Class of 2022 included six students who will enter military service.
 - Categorical Internal Medicine (16.6%)
 - Pediatrics (12%)
 - Family Medicine (11.3%)
 - Obstetrics and Gynecology (7.3%)
 - Anesthesiology (6.6%)
 - Psychiatry (6.6%)
- **MUSC COM Department of Public Health Sciences has received notification from the Council on Education for Public Health (CEPH)** that our MPH Program has received accreditation for a five-year term.
- **MUSC COM has named its inaugural class (18 students) of Aequitas Health Fellows.** MUSC is one of the founding chapters of this new national health equity honor society, which is focused on identifying, recognizing, and developing future physician leaders to address health inequities.
- **MUSC COM fourth-year medical student Ingrid Bonilla won** the 2022 Lewis Blackman Leadership Award. This award was established to recognize outstanding leadership in patient safety by students pursuing a health profession.
- **MUSC COM medical student Leah Cobb was selected** as one of 50 students nationally for the highly-competitive National Institutes of Health (NIH) Medical Research Scholars Program. The Medical Research Scholars Program is a research immersion program for future clinician-scientists that advances health by inspiring careers in biomedical research.
- **MUSC College of Pharmacy (COP) launched a new Pharmacy Career Pathways Certificate program**, along with a new Pharmacy Exploration section of the college website that features a new animated [history of pharmacy video](#) and a new [video about campus](#) and Charleston.
- **The 2023 U.S. News & World Report Graduate School Rankings were released** March 29, 2022 ranking MUSC #56 (of 124) for “Best Medical Schools: Research”. This is the highest overall ranking to date in this category for MUSC. Among public schools in the same category, MUSC ranked #30. MUSC also ranked #6 for “Most Graduates Practicing in Medically Underserved Areas”, #65 in “Most Diverse Medical Schools”, and #76 for “Medical Schools: Primary Care”.

ACADEMICS: FACULTY



- **John R. Reigart, M.D., FAAP, Professor of Pediatrics, COM**, has been named Chairperson of the Committee on Drugs of the American Academy of Pediatrics, effective July 1, 2022.
- **Peter Carek, M.D., MUSC AnMed Health Clinical Campus Dean and Professor of Family Medicine**, was elected to serve on the National Residency Matching Program Board of Directors. He will serve a four-year term commencing July 1, 2022.
- **Cindy Talley, M.D.**, has been appointed to serve as Associate Dean for Graduate Medical Education for the MUSC COM.
- **Ray DuBois, M.D., Ph.D., Director, Hollings Cancer Center (HCC)**, was appointed as Executive Chairman of the Mark Foundation for Cancer Research Board.
- **Ray DuBois, M.D., Ph.D., Director, HCC**, has been selected to receive the American Association of Cancer Research (AACR) 2022 Distinguished Service Award in recognition of his significant contributions to the AACR, the cancer field at large, and the AACR Foundation as its President and Chair of the Board of Trustees.
- **Graduate student Kareem Heslop** (class of 2022) won national recognition with the [2022 Student Bioenergeticist Award](#), presented by the Bioenergetics, Mitochondria, and Metabolism (BMM) subgroup of the Biophysical Society.
- **Cathy Worrall, PharmD, Associate Dean for Student Affairs and Experiential Education, COP**, was honored with the [Rho Chi Society National Faculty Advisor Award](#) in February 2022 and was featured as part of the college's celebration of Women's History.

ACADEMICS: RESEARCH



- **MUSC clinical research expansion is underway** with the study "Detecting Cancers Earlier Through Elective Plasma-based CancerSEEK Testing Ascertaining Serial Cancer Patients to Enable New Diagnostic II (DETECT-ASCEND 2)" at the Florence site of our RHN, led by Gerard A. Silvestri, M.D., MS. The objective is to obtain blood specimens from cancer and healthy subjects to develop and refine assays for cancer in the blood. The community response has been positive, and enrollment is open.
- **College of Dental Medicine (CODM) was awarded a \$3.18m U01DE031512 grant** from the National Institute of Dental and Craniofacial Research at the National Institutes of Health (NIH) will support a [new biomedical research project](#) conducted in partnership by MUSC, Clemson University, and the National Institute of Dental and Craniofacial Research.
- **The MUSC HCC received its first [Stand Up To Cancer \(SU2C\)](#) grant** (\$3M) that will make it part of the Southeastern Consortium for Lung Cancer Health Equity (SC3). This group will focus on why lung cancer continues to be one of the leading causes of death among racially and ethnically diverse populations in the nation. Other members include Massey Cancer Center at Virginia Commonwealth University and Lineberger Comprehensive Cancer Center at the University of North Carolina at Chapel Hill.



- **In Our DNA SC, MUSC's population genomics program launched** in partnership with company Helix is expanding after completing a successful pilot phase where nearly 2,000 MUSC patients enrolled. The expansion allows all MUSC patients, employees, and community members to sign up for free genetic testing to understand their genetic risk for certain cancers and cardiovascular disease. The goal is to enroll 100,000 South Carolinians over four years. musc.edu/inourdnasc.
- **Duke University and MUSC Department of Surgery (Mark A. Lockett, M.D., Surgical Oncologist, and Prabhakar K. Baliga, M.D.)** are collaborating to share surgical quality outcomes in an effort to improve care in the Carolinas. They are using a company called Clinetic, a software startup company from Duke. Clinetic shares information seamlessly, curates data, automates processes, and stratifies patient risk.
- **MUSC hosted the inaugural LGBTQ+ Health Equity Summit** on April 7 and 8, 2022. This virtual event enabled over 800 registrants to hear from the nation's leading experts in LGBTQ+ health care throughout four keynotes and 14 various topical sessions.
- **Through its partnership with Synaptive**, MUSC was one of the first children's hospitals in the country to utilize a revolutionary surgical technology called the Modus V Exoscope. Libby Infinger, M.D., MPH, Pediatric Neurosurgeon, used the technology to conduct a [life-changing and very rare surgery](#) on Giuliana Fernandez, 20 months old. Giuliana is one of the youngest people to undergo this type of brain surgery.
- **A joint MUSC-Medtronic partnership program** aimed at improving care for heart failure patients has helped decrease readmissions, appointment cancellations and no-shows. The program enhances care coordination from inpatient to outpatient, increases access to care across South Carolina, and helps identify social determinants of health that may impact patient outcomes. Data from this program is being presented at the 2022 American Heart Association conference and 2022 American College of Cardiology Scientific Sessions.
- **Congressman Ralph Norman visited** our Northeast location in Columbia in mid-March 2022. He met with leadership and toured the facility.
- **Members of Congresswoman Nancy Mace's staff visited** campus and met MUSC's research staff to learn more about our different research programs.
- **State Representative Ivory Thigpen visited** our Northeast hospital in Columbia and met with our leadership.
- **MUSC Health's leadership met with Governor McMaster's senior staff** to discuss potential partnership opportunities with DHEC to help distribute COVID-19 medication.
- **The South Carolina Burn Center**, led by Steven Kahn, M.D., Chief of Burn Surgery, was recently **ranked #1 in the nation** for patient survival, based on Vizient quality data (2021 Q4, peds and adult units combined). Taking care of burn patients is complex, requiring tremendous focus and teamwork, and the high-quality, life-saving care provided by the entire team. The South Carolina Burn Center is the state's only comprehensive burn center and one of just a few centers in the region.



ENTERPRISE

- **MUSC Health completed 24 RV COVID-19 vaccine events** across all MUSC Health divisions.
- **Mobile mammography bus staffed** and back serving communities throughout South Carolina.
- **MUSC Health has received an evaluation of 85 out of 100** and the designation of “LGBTQ+ Healthcare Equality Top Performer” in the Human Rights Campaign Foundation’s 15th-anniversary edition of the Healthcare Equality Index (HEI).

MUSC HEALTH CHARLESTON

- **The Citadel’s Board approved MUSC Health @ The Citadel** to offer student health services to all students at The Citadel with an implementation date of July 1, 2022.
- **MUSC Health opened the West Ashley Breast Center**, which added 1,200 new screening appointments monthly.
- **MUSC Health partnered with the Lowcountry Warming Shelters** and has provided COVID-19 testing for 32 warming shelters since December 2021.
- **MUSC Health partnered with MUSC Street Medicine Program** in Charleston to deliver COVID-19 vaccines to underserved populations weekly.
- **Ashley River Tower (ART) opened the Specialty and Women’s Emergency Department** on March 1, 2022.
- **Angela Bowman, RN**, in our D Pod, received the 2021 Paul Jeffers Star Award for her great catch with a Behavioral Health patient.
- **Derek Fisher, BSN, RN, BMTCN** from ART 7 West was the Certified Nurse of the Year award winner.

MUSC HEALTH FLORENCE

- **MUSC Health Florence, in partnership with McLeod Health** and with the support of more than a dozen community organizations, completed a [Community Health Needs Assessment](#) (CHNA). The assessment results will help MUSC, McLeod, and community partners in the Pee Dee region focus resources, time, and energy on addressing the highest health priorities of that area.
- **First robotic bronchoscopy** was done in the Pee Dee Region.
- **Surpassed 300 robotic surgeries** in the first year of the Da Vinci program.
- **In January 2022, the first neurosurgeon started** in the newly developed neurosurgery program at MUSC Health Florence.



MUSC HEALTH LANCASTER

- **MUSC Health Lancaster has received approval as a kidney transplant program** by the United Network for Organ Sharing (UNOS). Patients are currently being evaluated for the waitlist, which will lead to the first transplant in the coming weeks.
- **MUSC Health Lancaster, with the support of more than 15 community organizations**, conducted and released a [Community Health Needs Assessment](#) (CHNA). The assessment results will help MUSC and community partners in the Piedmont region focus resources, time, and energy on addressing the highest health priorities of that area.
- **MUSC Health Lancaster has launched robotic surgery** using the Da Vinci Robotic Surgical System. The program is off to a strong start, with approximately 40 cases performed since early February 2022.
- **MUSC Health Lancaster has been officially named the sports medicine provider of choice** for the seven high schools located within Chester and Lancaster counties. Athletic trainers in the high schools are supplied by MUSC, and providers within the division provide professional services.

MUSC HEALTH MIDLANDS

- **MUSC Health Midlands went live on MUSC Epic** electronic health record on March 18, 2022.
- **MUSC Health Midlands announced a new partnership with COMET**, Richland and Lexington County's primary transit provider, allowing anyone with an MUSC badge to ride any COMET bus free of charge.
- **MUSC Health Columbia earns Healthgrades Cardiac Surgery Excellence Award** for superior clinical outcomes in heart bypass and valve surgery.



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