



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

APRIL 2021



ACADEMICS: RESEARCH



- **A MUSC team, led by pediatric infectious disease physician, Allison Eckard, M.D., was the first in the nation to enroll patients with multisystem inflammatory syndrome** in children (MIS-C), a rare but life-threatening complication of COVID-19, in a trial of remestemcel-L.
- **MUSC (Department of Pediatrics) was selected as one of approximately 100 sites across the world to do a Moderna COVID-19 vaccine trial** in children between the ages of six months and 12 years. The trial is aimed to show the vaccine is effective and safe in children, and ultimately to help determine the correct dose for children.
- **Susan Dorman, M.D., Professor, Department of Medicine, Division of Infectious Diseases, was recently awarded a 10-year, \$9.9 million contract** by the CDC to run trials for the Tuberculosis Trials Consortium (TBTC, a collaboration of North American and international clinical investigators).
- **Marc Chimowitz, M.D., Professor, Department of Neurology, has been named as the Principal Investigator on the CAPTIVA – Comparison of Anti-coagulation and anti-Platelet Therapies for Intracranial Vascular Atherosclerotic stenosis – trial.** This large, multi-center clinical trial will be performed at sites in the NINDS-funded StrokeNet network.
- **MUSC Hollings Cancer Center (HCC) investigators Nichole Tanner, M.D.(PI, pulmonology), and John Wrangle, M.D. (Co-PI, oncologist), received funding from the Veterans Affairs Lung Precision Oncology Program,** to create a national network of sites with expertise in lung cancer screening and precision oncology clinical trials that can help facilitate similar research at smaller VA facilities, which are often located in rural areas.

ACADEMICS: FACULTY



- **Brittany Bryant, DSW, LISW-CP, Assistant Professor, Department of Psychiatry and Behavioral Sciences, Addiction Sciences Division, was one of three scholars in the country to be awarded** the prestigious Learning for Early Careers in Addiction & Diversity (LEAD) Fellowship.
- **Marvella Ford, Ph.D., Associate Director of Population Sciences and Cancer Disparities at MUSC Hollings Cancer Center, and Hollings thoracic oncologist, Nichole Tanner, M.D., recently contributed to a set of statements released by the American Thoracic Society** to identify gaps in care and to offer strategies for ensuring equity in lung cancer screening, improving tobacco treatment and breaking down health system, provider and patient barriers to screening.
- **Michael Zile, M.D., received the 2020 Governor’s Award for Excellence in Science.**

ACADEMICS: EDUCATION



- **The Pediatric Prevention Clinic operated by the CARES student-run free medical clinic** under the direction of Anita Ramsetty, M.D., has been selected as the first recipient of the Association for Prevention Teaching and Research's Diversity, Equity, and Inclusion Award. This award recognizes a person or organization whose work systematically improves the health and well-being of under-resourced and vulnerable populations.
- **The MUSC College of Medicine had a successful residency match on March 19, 2021 with 97% of 177 senior applicants securing a residency position.** A total of 59 (33.3%) students will remain in S.C. to complete their residency training (40 at MUSC). Of the specialties in which students will be pursuing their training, Categorical Internal Medicine led the way with the highest number of students at 33 (18.6% of the graduating class). Other popular specialties included Family Medicine (12.4%), Emergency Medicine (9.0%), Pediatrics (8.5%), Anesthesiology (6.2%), and Orthopedic Surgery (6.2%).
- **College of Pharmacy had a 77% match rate** and the national average match rate was 63%.

MUSC HEALTH



COVID-19 RESPONSE

- **\$90 million dollars of state funds have been directed to MUSC since June 2020** to deploy statewide, rural/at risk, COVID-19 testing and vaccines.
- **MUSC Health has administered > 175,000 COVID-19 vaccines** with heavy concentrations in at-risk communities, schools, and essential services.
- **MUSC Health is serving on all regional COVID-19 advisory councils** across South Carolina.
- **MUSC opened a Columbia clinic, establishing a new presence**, where we are serving patients for COVID-19 testing and vaccines.

FINANCE

- **Epic awarded revenue cycle a diamond level status** which represents one of the top ten in nation with our compare group for authorization automation.



OPERATIONS

MUSC Health Charleston

- **Acute / Critical / Trauma**
ECMO team completed the first successful ECMO transport from Rock Hill, SC.
- **Children's & Women's**
New Center of Excellence (COE) recognition: Blue Distinction Centers for Transplants (BDCT) for peds Bone Marrow Transplant (BMT), Cigna COE for Adult Congenital Heart Disease (ACHD).
- **Transplant**
MUSC Kidney Transplant program was nationally recognized for the high-volume utilization of telemedicine for kidney transplant evaluations by the virtual platform Doxy.me. Vinayak Rohan, M.D., the surgical director for kidney transplant at MUSC, was featured during the plenary session at the Southern Surgical Annual Meeting for this telehealth experience.

David Koch, M.D., MSCR, and Jared White, M.D., performed the first liver transplant in South Carolina for a patient with cholangiocarcinoma.

Barry Gibney, D.O., successfully performed the first bilateral lung transplant for COVID in the Carolinas after 80 days on ECMO.

MUSC Health Regionals

- **A community health needs assessment (CHNA) is being launched in the MUSC Health Florence and Lancaster Divisions** with the help of more than a dozen community partners. A CHNA is a survey process that helps MUSC better understand the health needs and priorities of a community. The results aid in identifying opportunities to eliminate health disparities, serve the community more comprehensively, and offer services that benefit the population.



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