



**COLLEGE OF
MEDICINE**
medicine.musc.edu





COLLEGE OF MEDICINE

As the oldest medical school in the South, the MUSC College of Medicine has a history as rich as the city we call home. More important than our history, though, are the roles our faculty and graduates have in medicine today and in the future of health care. Through education, patient care and research, we are setting the course for the future of medicine in our state, while also making a global impact.

MUSC's main campus is located on more than 50 acres in the city of Charleston. Each year, the MUSC College of Medicine offers admission to a diverse class of medical students and Masters of Public Health (MPH) students, and trains numerous graduate students, residents and fellows. Our students consistently exceed the national pass rate on board exams and garner residency positions in the country's finest training programs.

In addition to working closely with College of Medicine students and trainees, College of Medicine faculty support MUSC's clinical operations through MUSC Health and are engaged in a wide range of basic, clinical and translational research activities.

As we seek to serve an increasingly diverse population, we are committed to creating an inclusive environment that fosters cultural understanding, cultural competency, and opportunities for individuals of all backgrounds. With more than half of our graduates remaining in South Carolina, the college is an invaluable source of physicians for the citizens of our state.

COLLEGE OF MEDICINE | BY THE NUMBERS

Patient care, education and research are equally important parts of our mission. As we look to the future, it is vital that we are able to translate our discoveries into treatments and interventions that will improve the health of those we serve. Through academic excellence, innovation and discovery, and a commitment to serving patients with the highest level of care, the college is changing what's possible in medical education, research and patient care.



1,500
faculty members



740
medical students



100% Graduates matched
to residency opportunities in 2023



900
resident physicians



83 ACGME
residency programs



150
post-doctoral trainees



1,850
employees



25 departments,
including basic sciences
and clinical



\$300 M
in annual research funding



1,242 research
awards in FY 2023



10,200+ MDs
conferred since 1824



8 Adult & pediatric
nationally ranked specialties



ACADEMIC DEGREES

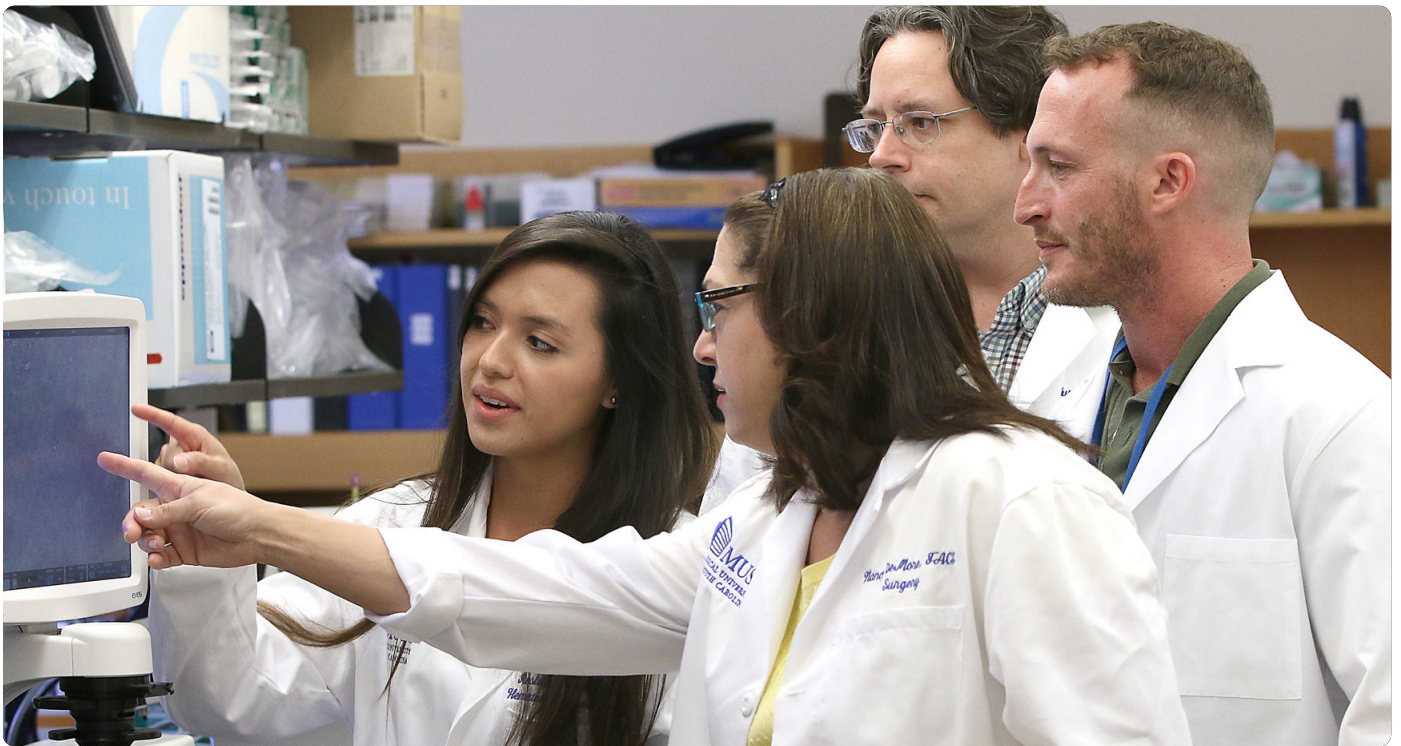
Doctor of Medicine (M.D.) – The four-year program, which leads to an M.D. degree, is designed to integrate fully the basic and clinical sciences within a continuum of learning while also allowing students to pursue a scholarly concentration in research, global health and other areas. A three-year accelerated pathway that leads to residency training at MUSC is available to students who meet specific eligibility requirements.

Medical Scientist Training Program (M.D./Ph.D.) – The course of study for this degree is specially tailored to meet the particular needs and research interests of the individual student. The curriculum is coordinated to include basic science and clinical rotations in medical school, plus graduate education and sufficient time to conduct a significant research project leading to a Ph.D.

Masters of Public Health (MPH) - The COM's Department of Public Health Sciences offers an in-person Masters of Public Health degree program with a concentration in Biostatistics, Epidemiology, or Health Behavior and Health Promotion. An online MPH Generalist degree program is available as well.

In addition, opportunities exist to earn a **Master of Science in Public Health**, or a **Master of Science in Clinical Research** while in medical school, with the addition of one year in a flexible program of study.





RESEARCH

Research is an integral part of faculty and student pursuits in the College of Medicine. Overall annual funding for research is currently \$300 million, with sources including corporate, federal, state, foundation, and other funding.

The research portfolio within the COM ranges from basic sciences and laboratory research to translational research and clinical trials, with faculty frequently publishing in high impact medical journals and translating advances into new therapeutic applications.

Areas of significant emphasis in recent years have included Brain & Behavior, Cancer, Cardiovascular, Genetics & Genomics, Microbiology & Immunology, Public Health Sciences, and Regenerative Medicine. Looking to the future, the COM Research Strategic Plan lays the foundation to develop integrated programs around the themes of Digestive Diseases, Neuroscience, Precision Oncology and Cardio-metabolic Health.

	NIH Awards	Total Awards	Total Counts
FY21	\$114,313,712	\$263,195,346	998
FY22	\$133,058,737	\$297,895,679	1237
FY23	\$127,836,295	\$300,624,984	1242



CLINICAL CARE

The college's clinical faculty members support MUSC's clinical operations through MUSC Health. Through our eighteen clinical departments, our faculty members and other clinical staff provide inpatient and outpatient care at MUSC's main campus and satellite locations across the state.

We continue to nurture strong programs in primary health care to support current and future educational, research and service requirements. We are also active participants and leaders in telehealth as a mechanism to extend our reach and service across the state and beyond.

COMMUNITY OUTREACH

Students, faculty, and staff from the College of Medicine are actively involved in a number of outreach initiatives, both as individuals and representatives of the COM. Representative examples include:

- The **MUSC CARES CLINIC** (Community Aid Relief Education Support) - Innovative student-run free medical and therapy clinics for uninsured patients.
- Participation in Global Health initiatives sponsored through **MUSC's Center for Global Health** and other community organizations.
- The **Senior Mentor Program** connects medical students with people aged 65 and older. Students meet with senior mentors in their homes to learn in a non-clinical setting. This experience provides not only knowledge of aging, but has a positive effect on students' attitudes toward caring for older adults.



DIVERSITY

The COM's Group on Diversity Affairs works to enhance diversity among students, residents and faculty through programs designed to recruit, train, and support individuals representing a broad range of backgrounds, experiences, and identities, consistent with the College of Medicine's diversity mission "to create an environment that fosters cultural understanding, cultural competency, and opportunities for individuals of all backgrounds."

Initiatives include pathway programs to provide exposure to medical careers to middle, high school and undergraduate students; mentoring programs for current medical students; mentoring programs for residents; and faculty programs that focus on various aspects of diversity.

- The COM has emerged as a national leader in the recruitment, retention, and graduation of students from diverse backgrounds.
- First generation, rural, and underrepresented students represent 27% of the COM Class of 2027.
- Nineteen percent of students in the M.D. program self-identify as being from a group that is underrepresented, and the American Association of Medical Colleges ranks the College at the 93rd percentile for percent of graduates who are Black or African-American.
- The number of underrepresented faculty and trainees has increased significantly in recent years. Currently, twelve percent of all residents and fellows in the College are considered underrepresented in medicine, and the number of faculty from groups that are underrepresented recently hit a record high for the College.



THE MEDICAL UNIVERSITY OF SOUTH CAROLINA

ABOUT MUSC

Founded in 1824 in Charleston, MUSC is the state's only comprehensive academic health system, with a unique mission to preserve and optimize human life in South Carolina through education, research and patient care. Each year, MUSC educates more than 3,200 students in six colleges – Dental Medicine, Graduate Studies, Health Professions, Medicine, Nursing and Pharmacy – and trains more than 900 residents and fellows in its health system. MUSC brought in more than \$300 million in research funds in fiscal year 2023, leading the state overall in research funding. MUSC also leads the state in federal and National Institutes of Health funding.

As the health care system of the Medical University of South Carolina, MUSC Health is dedicated to delivering the highest-quality and safest patient care while educating and training generations of outstanding health care providers and leaders to serve the people of South Carolina and beyond. Patient care is provided at 16 hospitals (includes owned or governing interest), with approximately 2,700 beds and four additional hospital locations in development, more than 350 telehealth sites and nearly 750 care locations situated in all regions of South Carolina. In 2023, for the ninth consecutive year, U.S. News & World Report named MUSC Health University Medical Center in Charleston the No. 1 hospital in South Carolina.

MUSC has a total enterprise annual operating budget of \$5.9 billion. The nearly 26,000 MUSC family members include world-class faculty, physicians, specialty providers, scientists, students, affiliates and care team members who deliver groundbreaking education, research, and patient care.

For more information on academics or research, visit [musc.edu](https://muscedu.edu).

For more information on patient care, visit muschealth.org.

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