Our Rankings

AACOM RANKINGS: According to the Association for American Medical Colleges 2021 profile data, UMSOM continues to rank in the Top 10 (8th) among all public medical schools and in the Top 25 (25th) among all 192 public and private medical schools nationwide in total research funding.

The AACOM data also shows that our faculty has one of the highest levels of productivity in the United States. At the UMSOM, the mean funding per principal investigator is $475,537, placing us in the top 85th percentile of productivity for all medical schools.

BLUE RIDGE REPORT: More than half of UMSOM’s academic departments are now ranked in the top 20 of all medical schools.

TOP DOCS BY BALTIMORE MAGAZINE: A total of 140 University of Maryland School of Medicine doctors who provide care to patients at the University of Maryland Medical Center Downtown and Midtown Campuses and our clinical practice sites have been recognized as “Top Doctors” in the Nov. 2021 issue of Baltimore Magazine.

U.S. NEWS & WORLD REPORT: The ranking of the Best Medical Schools, published in 2021, the UMSOM is ranked top 10 (#9) among the 92 public medical schools in the U.S., and in the top 15 percent (#27) of all 192 public and private U.S. medical schools.

Our Joint Partnership

University of Maryland Medicine, our joint partnership with the University of Maryland Medical System (UMMS), is based on a shared vision to be global leaders in healthcare, medical education, and biomedical research. As a result, the UMSOM has continued to expand its clinical practices across Maryland to more than 60 sites, most of which are located near the 13 hospitals within UMMS. This growth ensures that both UMSOM and UMMS offer the highest standard of excellence in quality-driven, patient-centered care, now and in the future.

UMMS is able to offer fiscal stability and the purchasing power of its hospital facilities, while the UMSOM offers the intellectual capital of over 3,100 faculty physicians, researchers, and allied health professionals, all committed to the continuous refinement of the quality of care they provide. This partnership creates a strong foundation for continued growth — one that will enable us to provide even more patients with access to what we develop and discover.

Combined, we have an annual budget of nearly $6 billion and a total economic impact of more than $15 billion on the state and local community.

With over 32,000 employees, University of Maryland Medicine provides research-intensive, academic and clinically based care for nearly 2 million patients annually.

The University of Maryland Medical Center is currently one of the top two medical centers in the U.S. for taking on the most complex patient cases, as measured by the Case Mix Index.

Our Leadership*

Throughout our history, the UMSOM has been a leader in taking on the most complex diseases, the most challenging patient cases, and the most difficult scientific problems:

• We were the first public medical school in the U.S. — first to build a teaching hospital and first to offer a residency program.
• We invented the field of Shock Trauma and are one of the top centers for treating trauma and critical care patients in the world.
• We were the first medical school to discover the relationship between insects and disease.
• We performed some of the first surgeries to remove organs and were the first to show that operations could be performed on the heart.
• We have one of the largest organ transplant centers in the U.S., performing more than 350 transplants a year.
• We have made critical vaccine breakthroughs in preventing the spread of deadly infectious disease — including COVID-19, Ebola, Zika, cholera, MERS/SARS, influenza, and typhoid — and are among the top sites for vaccine development in the U.S. as designated by the World Health Organization.
• We co-discovered HIV as the cause of AIDS, and the UMSOM’s Institute of Human Virology has treated more than a million HIV patients around the world.
• Our faculty have saved hundreds of thousands of lives with scientific breakthroughs for the treatment of breast cancer, cerebral palsy, epilepsy, schizophrenia, ulcerative colitis, heart disease, and stroke.
• We were the first to use an unmanned aircraft to deliver a donor kidney to surgeons for successful transplantation in a patient with kidney failure.
• We were the first in the U.S. to test a unique RNA COVID-19 vaccine candidate developed by Pfizer and BioNTech.

*Including alumni, faculty, and other affiliations.

Our Facts

The UMSOM has been on the front lines of the pandemic during this unprecedented year.

For more information visit us at medschool.umd.edu

The historic surgery was conducted by University of Maryland School of Medicine faculty at the University of Maryland Medical Center. This organ transplant demonstrated for the first time that a genetically-modified animal heart can function like a human heart without immediate rejection by the body.
Our Organization

Now in its third century, the University of Maryland School of Medicine (UMSOM) was chartered in 1807 as the first public medical school in the United States. It continues today as one of the fastest growing, top-tier biomedical research enterprises in the nation. Our faculty includes members of the National Academy of Medicine and the National Academy of Sciences, as well as a distinguished two-time winner of the Albert E. Lasker Award in Medical Research.

As one of the seven professional schools that make up the University of Maryland, Baltimore campus, the UMSOM has a total workforce of nearly 9,000 individuals. The UMSOM works closely, and in partnership, with the University of Maryland Medical Center and Medical System to provide research-intensive, academic, and clinically-based care.

The UMSOM reached $555 million in extramural funding, with most of its academic departments highly ranked among all medical schools in the nation in research funding. The UMSOM faculty, which ranks as the 7th highest among public medical schools in research productivity, is an innovator in translational medicine, with over 358 granted patents and 33 start-up companies.

The UMSOM works locally, nationally, and globally, with research and treatment facilities in 36 countries around the world.

Mark T. Gladwin, MD
Vice President for Medical Affairs, UM Baltimore
John Z. and Akiko K. Blowers Distinguished Professor and Dean, University of Maryland School of Medicine

Dean Gladwin is a leading heart, vascular and lung physician-scientist, who maintains an active NIH-funded laboratory. He is a recognized expert on sickle cell disease, pulmonary hypertension, nitrite and carbon monoxide.

Our Research

The research vision of the UMSOM is to achieve the highest level impact of research and discovery on human health — in the region, the nation, and around the world. With a footprint of almost 2.5 million square feet, including academic and advanced biomedical research facilities, nearly $600 million in total research funding, and over 3,100 medical school faculty, the UMSOM is regarded among the top echelon of research-intensive academic medical institutions in the United States. The UMSOM is recognized nationally and internationally for its scientific breakthroughs and discoveries in critical areas of research, including vaccine development, trauma, solid organ/stem cell/tissue composite transplantation, genomics, cancer, HIV/AIDS, heart and vascular disease, kidney disease and neuroscience. In particular, the UMSOM is known for advancing solutions to the most challenging patient cases, and for taking on the most debilitating and complex diseases through discovery-based medicine. The UMSOM’s major research institutes, centers, and programs focus on key areas of scientific investigation — including human virology, vaccine development and global health, health disparities and population health, oncology, personalized and genomic medicine, sports medicine, neuroscience, aging, and trauma.

In 2021-22, the UMSOM has been a national leader on the front lines of vaccine development, testing, and treatment for COVID-19 for adults and children.

Our Philanthropy & Revenue

The UMSOM concluded FY22 with gifts and pledges of $675 million, which included $13 million in partnership with UMMC. The top two individual philanthropic commitments in FY22 were $5.1 million from an anonymous donor to support precision radiation oncology and $4.8 million from Bill & Melinda Gates Foundation for sponsored research.

FY21 REVENUES TOALED $1.3 Billion:
- $555.1M (43.5%) Total Grants & Contracts
- $10.1M (0.8%) Gifts, Endowments & Other Income
- $34.2M (2.6%) Tuition & Fees
- $51.8M (4.6%) State Appropriation
- $623.4M (48.9%) Reimbursements from Affiliated Hospitals & Medical Service Plan

Our Community Impact

The UMSOM is a vital part of the West Baltimore community in which it resides, and strives to bring a better quality of life to its citizens. Each year, faculty, staff, and students commit hundreds of hours doing community outreach in hospitals, clinics, homeless shelters, and schools. Our Mini-Med School, Mini-Med School for Kids and Seniors Medical Institute provide hundreds of adults and children with tuition-free, faculty-led classes to improve health and well being.