

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 2020-21, the UMSOM has been a national leader on the front lines of vaccine development, testing, and treatment for COVID-19.

\$563M

TOTAL GRANTS
& CONTRACTS

12

ACADEMIC DEPARTMENTS
RANKED IN THE TOP 25
(Blue Ridge Report)



Our Philanthropy & Revenue

The UMSOM concluded FY20 with gifts and commitments of **\$53.8 million**. UMSOM's philanthropic dollars are typically a combination of private, individual, and foundation gifts. The two top philanthropic FY20 gifts were for sponsored research totaling \$12.5 million from the Bill & Melinda Gates Foundation.

FY20 REVENUES TOTALED \$1.2 Billion:



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.

200

STUDENTS
VOLUNTEERED TO
FIGHT COVID-19

211

GRADUATED FROM MINI-MED
SCHOOL FOR KIDS VIA ZOOM

For five consecutive weeks, students learned about infectious diseases, hand hygiene, nutrition, forensics, DNA, and the importance of physical activity through interactive, one-hour sessions.

