

# THE CATALYST CAMPAIGN



## A CATALYST FOR IMPROVING HUMAN HEALTH

In 1807, the University of Maryland School of Medicine made history by becoming the first chartered public medical school in the U.S. Today, the School of Medicine is one of the fastest-growing, top-tier biomedical research enterprises in the world — with 43 academic departments, centers, institutes, and programs, and 24 start-up companies; a faculty of more than 3,000 physicians, scientists, and allied health professionals; and, in partnership with the University of Maryland Medical System, a generated economic impact of nearly \$15 billion on the state and local community.

The School of Medicine combines research, education, and patient care to enable extraordinary medical advances — and bring them to Marylanders and the world, today. We have forged the way in many new directions, producing generations of medical pioneers for more than 210 years. We continue to lead today, and our impact is felt around the globe.

*We are the first medical school in the nation to:*

- Build its own teaching hospital
- Establish shock trauma as a medical field
- Institute a residency-training program
- Perform the most extensive full face transplant
- Utilize both advanced proton therapy *and* focused ultrasound for brain tumor treatment



### Our Funding Priorities

- Discovery-Based Medicine
- Faculty Excellence
- Education and Training
- Student Scholarships
- Capital Projects

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## Our Rankings

**8<sup>th</sup>** among all public medical schools by Association of American Medical Colleges (AAMC)\*

**25<sup>th</sup>** among all 144 public and private medical schools nationwide in research grant and contract expenditures



## Our Faculty and Students

**3,000** faculty

**3,301** staff

**582** post-doctoral fellows

**1,307** students



## Our Latest Accomplishments

Led clinical trials for potential **HIV and Ebola vaccines**

Led human clinical trials for **new Zika vaccine**

Opened a \$305 million **School of Medicine Research Building (Health Sciences Facility III)**, a 10-story, 450,000-square-foot facility providing both laboratory space and state-of-the-art technology

Received the highest designation by the **National Cancer Institute as a Comprehensive Cancer Center** (University of Maryland Marlene and Stewart Greenebaum Comprehensive Cancer Center)

Developed MR-guided focused ultrasound, and is among the first worldwide in the **treatment of essential tremor and Parkinson's disease**

Opened the **Maryland Proton Treatment Center**, the most advanced form of pencil-beam cancer treatment, and the first proton treatment center of its kind in the Baltimore/Washington, D.C. area

Invented and developed a **vaccine to prevent cholera**, which was approved by the U.S. Food and Drug Administration

Began a **first-in-children clinical trial using adult stem cell injections** to regenerate the right ventricle of infants with hypoplastic left heart syndrome

Conducted extensive research in organ transplantation leading to **breakthroughs in face, kidney, heart, and lung transplant**

Invented major **new medical devices** for treating breast cancer (**GammaPod**), heart surgery (**Mitral Valve**), and lung disease (**Small Artificial Lung**)

\*AAMC: Medical School Profile System, Institution-level Data Table, as of 9/26/2016. Institution-level Data Table last updated 9/23/2016.