

A Tradition of Innovation and Leadership

Top 10 Things You Should Know About University of Maryland Medicine*

- We were the **first public medical school in the U.S.** — first to build a teaching hospital, first to offer a residency program, first to establish a medical college library, wrote some of the first medical textbooks and created many of the first courses on the study of medicine;
- We **invented the field of Shock Trauma** and are one of the top centers for treating trauma patients in the world;
- We were the **first medical school to discover the relationship between insects and disease**;
- We were the first to develop a plan for the evacuation of wounded soldiers, and **we established the first military hospital**;
- We performed the **first surgery to remove an organ** and were the **first to show that operations could be performed on the heart**. Our surgeons also performed the **first vaginal hysterectomy**, the **first removal of the larynx**, the **first minimally-invasive gall bladder removal**, the **first repeat Cesarean Section**, the **first artificial organ replacement** and the **most comprehensive face transplant** in history;
- We were the **first to include psychiatric principles in a patient's clinical history**;
- We **co-discovered HIV** as the cause of AIDS and UMMSOM'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 map the complete genetic code** of a free-living organism;
- We are one of the **top 10 organ transplant centers** in the United States.

* Including alumni, faculty and other affiliations.



Our Joint Partnership

University of Maryland Medicine, which describes 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. Few other partnerships are as integrated across an entire hospital system as the one shared by UMMSOM and UMMS. The strength of this unique partnership comes from aligning what each does best.

UMMS is able to offer fiscal stability and the purchasing power of its 16 hospital facilities, while the UMMSOM offers the intellectual capital of over 3,000 faculty physicians and researchers, all committed to the continuous refinement of the quality of care they provide. This creates a strong foundation for continued growth — that will enable us to provide even more patients with access to what we develop and discover.

With over 32,000 employees, University of Maryland Medicine has a combined annual budget of nearly \$6 billion and a total economic impact of more than \$15 billion on the state and local community.



Our Rankings

ASSOCIATION OF AMERICAN MEDICAL COLLEGES RANKINGS

According to the Association for American Medical Colleges (AAMC) profile data, UMMSOM continues to rank in the Top 10 (8th) among all public medical schools, and 26th among all 151 public and private medical schools nationwide.

The AAMC data also shows that **our faculty has one of the highest levels of productivity in the United States**. Across all schools, the mean funding per principal investigator is \$300,000. **At the UMMSOM, the mean funding per principal investigator is \$416,006, placing us in the top 15th percentile of productivity of all medical schools.**



BLUE RIDGE REPORT

Over half of our academic departments are ranked in the **top 20 for research funding** among all medical schools in the nation.

TOP DOCS BY BALTIMORE MAGAZINE

More than 70 University of Maryland School of Medicine doctors who provide care to patients at the University of Maryland Medical Center Downtown and Midtown Campuses have been recognized as **"Top Doctors"** in the November 2018 issue of *Baltimore Magazine*.



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 UNIVERSITY of MARYLAND
SCHOOL OF MEDICINE

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Just the Facts **2018-19**

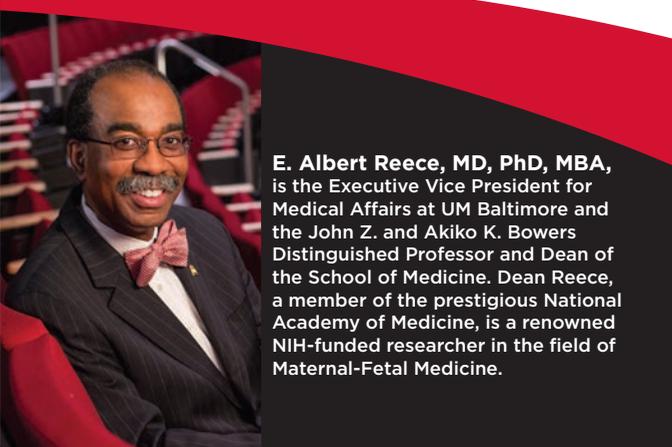
UNIVERSITY of MARYLAND
SCHOOL OF MEDICINE

The University of Maryland School of Medicine

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 world** — with 43 academic departments, centers, institutes, and programs; and a faculty of more than 3,000 physicians, scientists, and allied health professionals, including members of the National Academy of Medicine and the National Academy of Sciences, and a distinguished recipient of the Albert E. Lasker Award in Medical Research.

With an operating budget of more than \$1 billion, the UMSOM works closely in partnership with the University of Maryland Medical Center and Medical System to **provide research-intensive, academic and clinically-based care for more than 1.2 million patients each year.**

The UMSOM has over **2,500 students, residents, and fellows, and nearly \$550 million in extramural funding**, with most of its academic departments highly ranked among all medical schools in the nation in research funding. As one of the seven professional schools that make up the University of Maryland, Baltimore campus, the UMSOM has a total workforce of nearly 7,000 individuals. The UMSOM faculty, which ranks as the 8th highest among public medical schools in research productivity, is an innovator in translational medicine, with 600 active patents and 24 start-up companies. The UMSOM works locally, nationally, and globally, with research and treatment facilities in 36 countries around the world.



E. Albert Reece, MD, PhD, MBA, is the Executive Vice President for Medical Affairs at UM Baltimore and the John Z. and Akiko K. Bowers Distinguished Professor and Dean of the School of Medicine. Dean Reece, a member of the prestigious National Academy of Medicine, is a renowned NIH-funded researcher in the field of Maternal-Fetal Medicine.

Our Organization

TOTAL WORKFORCE of 7,229

25 Academic Departments **8** Programs
10 Organized Research Centers **2** Institutes

Faculty & Staff

2,970 Faculty {1,404 full-time; 302 part-time; 1,264 adjunct}
3,058 Staff {full-time administrative, research, and clinical staff}
490 Post-Doctoral Fellows {223 clinical; 267 research}

TOTAL STUDENT ENROLLMENT of 1,261

| Program | | Diversity % |
|---|-----|-------------|
| MD | 621 | 13.5% |
| MD/PhD | 54 | 18.5% |
| PhD | 228 | 20.6% |
| Graduate (MS) | 64 | 18.8% |
| Public Health (MPH) | 55 | 29.8% |
| Physical Therapy (DPT) | 186 | 12.9% |
| Genetic Counseling (MGC) | 16 | 18.8% |
| Medical and Research Technology (BS&MS) | 29 | 44.4% |
| Clinical Research Certificate | 8 | 12.5% |

STATISTICS on the Class of 2022

Of the 50,907 applicants attempting to find spots in U.S. medical schools in 2018, **4,851 applied to the UMSOM.**

2,414 Men / **2,437** Women
911 Maryland Residents / **3,940** Non-Maryland Residents

156 TOTAL STUDENTS

| | | |
|-----------------------------------|-------|---------------------|
| Male | 40% | Average GPA |
| Female | 60% | 3.80 |
| Maryland Residents | 74% | Average MCAT |
| Non-Resident | 26% | 513 |
| Age Range (Years) | 21-33 | |
| Underrepresented Minorities | 13% | |
| Colleges/Universities Represented | 69 | |

We Offer the Following Joint Degrees:

- MD/PhD - Medical Scientist Training Program
- MD/OMS - Oral and Maxillofacial Surgery
- MD/Master in Business Administration
- MD/Master in Bioengineering
- MD/Master in Cellular & Molecular Biomedical Science
- MD/Master in Clinical Research
- MD/Master in Health Administration
- MD/Master in Public Health
- MD/Master in Public Policy



Our Research

The research vision of the School of Medicine is to increase the impact of research and discovery on human health, not only in this region but around the world. The UMSOM is now regarded as a leader in research in critical areas of medicine, including solid organ, stem cell and composite tissue transplantation, vaccine development, genomics, cancer, HIV/AIDS, heart disease, kidney disease, and neuroscience.



NEW HSRF III

With 430,000 square feet, Health Sciences Research Facility (HSRF III) is the largest academic building ever constructed in the University System of Maryland.

The new facility, the 15th research building on the UMSOM campus, will enable the School of Medicine to accelerate biomedical discoveries and target the most serious diseases that cause morbidity, mortality, and disability.

It will expand UMSOM's footprint of academic and research space by 20 percent to nearly 2.5 million sq. ft., house more than 400 personnel, and generate an estimated \$107.4 million in annual research funding.

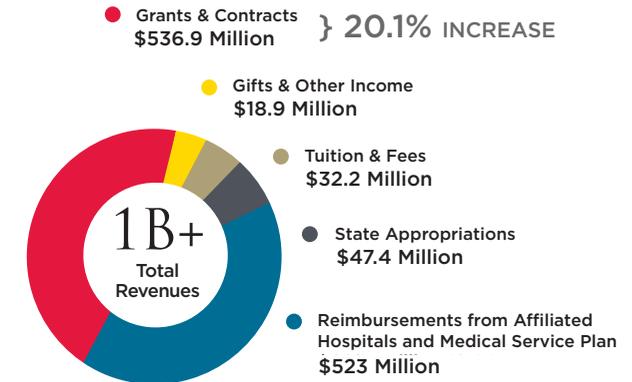
HSRF III will support 1,128 jobs in the state and create an estimated \$8 million in state and local government revenues.



Our Philanthropy

The School of Medicine **concluded FY2018 with more than \$60 million in total fundraising.** UMSOM's philanthropic dollars are typically a combination of private, individual gifts, and foundation gifts. This total was particularly significant in that the UMSOM celebrated a \$20 million gift pledge — the largest in the School of Medicine's history — from long-time board members and benefactors Dr. and Mrs. Robert E. Fischell.

Our Revenues



TOTALED \$1.2 Billion in FY 2018

