

# UMB FAST FACTS



## MISSION

To improve the human condition and serve the public good of Maryland and society at-large through education, research, clinical care, and service.

## VISION

The University will excel as a pre-eminent institution in its missions to educate professionals, conduct research that addresses real-world issues affecting the human condition, provide excellent clinical care and practice, and serve the public with dedication to improve health, justice, and the public good. The University will become a dominant economic leader of the region through innovation, entrepreneurship, philanthropy, and interdisciplinary and interprofessional teamwork. The University will extend its reach with hallmark local and global initiatives that positively transform lives and our economy. The University will be a beacon to the world as an environment for learning and discovery that is rich in diversity and inclusion. The University's pillars of professionalism are civility, accountability, transparency, and efficiency. The University will be a vibrant community where students, faculty, staff, visitors, and neighbors are engaged intellectually, culturally, and socially.

## SCHOOLS

School	Year Founded
School of Medicine	1807
Carey School of Law	1824
School of Dentistry	1840
School of Pharmacy	1841
School of Nursing	1889
Graduate School	1918
School of Social Work	1961

### Facilities

Located in Baltimore, the campus consists of 71 acres with almost 6.2 million gross square feet of space in 67 buildings.

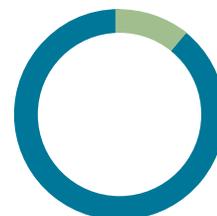
## CORE VALUES

ACCOUNTABILITY	EXCELLENCE
CIVILITY	KNOWLEDGE
COLLABORATION	LEADERSHIP
DIVERSITY	

## STUDENTS — The Future of Care

As the state's only public health, law, and human services university, UMB confers the majority of professional practice doctoral degrees awarded in Maryland each year.

## ENROLLMENT BY PROGRAM



# of students    % of total

### 14% UNDERGRADUATE

Nurses	850	12%
Medical Technologists	42	1%
Dental Hygienists	37	1%

**Undergraduate Total    929    14%**

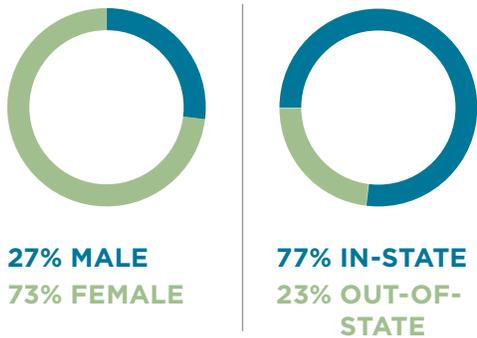
### 86% PROF./GRADUATE

Nurses	1,103	16%
Social Workers	1,036	15%
Biomedical	883	13%
Lawyers	778	12%
Physicians	637	10%
Pharmacists	626	9%
Dentists	526	8%
Physical Therapists	185	3%

**Prof./Graduate Total    5,774    86%**

**Total — Fall 2017    6,703    100%**

## STUDENT DEMOGRAPHICS



18% AFRICAN-AMERICAN

43% MINORITIES

## EMPLOYMENT — FALL 2017

Faculty	2,839
Executive/Prof.	2,343
Support Personnel	1,420
<b>Total Regular Employees</b>	<b>6,602</b>
Student Employees	758
<b>Total Employees</b>	<b>7,360</b>

## AN ENTREPRENEURIAL CAMPUS

### FY 2018 - Sources of Funds

Research and Grants	37%
Clinical (Patient) Care	27%
<b>Research and Clinical Care</b>	<b>64%</b>
State Funds	20%
Tuition & Fees	12%
Auxiliary Fees	4%
<b>Total \$1.2 Billion</b>	<b>100%</b>

## HISTORY

▼  
**1807**  
The Maryland General Assembly chartered the **College of Medicine** in 1807; it is now the nation's oldest public medical school.

▼  
**1812**  
In 1812, the Maryland General Assembly rechartered the College of Medicine as the **University of Maryland** and expanded its mission.

▼  
**1824**  
The forerunner of the **law school**, the Maryland Law Institute, was opened in 1824.

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**1840**  
The world's first dental college, the **Baltimore College of Dental Surgery**, was chartered in 1840.

▼  
**1841**  
The following year in 1841, the Maryland General Assembly chartered the **College of Pharmacy**, making it the fourth oldest pharmacy school in the nation.

▼  
**1889**  
In 1889, Louisa Parsons, a colleague of Florence Nightingale, established the **School of Nursing**, one of the nation's oldest formal nursing training programs, at the University of Maryland.

▼  
**1918**  
To promote and enhance research, scholarship, and advanced study, the **Graduate School** opened in 1918.

▼  
**1961**  
In response to growing social and cultural needs, the **School of Social Work** opened in 1961.

## NATIONAL RANKINGS

Dentistry	7 <sup>th</sup>	NIH Funding (Publics) FY 2016
Medicine	8 <sup>th</sup>	Total Grants and Research Expenditures (Publics) AAMC FY 2016
Law		Three specialty law rankings in top 10 in <i>U.S. News &amp; World Report</i> , with Health Law 2nd, Evening Program 4th, and Clinical Training 7th
Nursing	10 <sup>th</sup>	<i>U.S. News &amp; World Report</i> . Seven specialty nursing rankings in top 10 with two at No. 1 (Clinical Nurse Leader and Nursing Informatics)
Pharmacy	9 <sup>th</sup>	<i>U.S. News &amp; World Report</i>
Social Work	17 <sup>th</sup>	<i>U.S. News &amp; World Report</i>

## DRIVING THE ECONOMY

### Dramatic Achievements

- FY 2017 — awarded \$556.1 million in grants and contracts
- Yield — \$1,096,787 research dollars per core faculty

### Return on Investment

- Yields more than \$13 in economic activity for each \$1 of state general fund appropriation
- Generates 18,000 jobs
- Together with the University of Maryland Medical Center and affiliated physician practices, generates more than \$6.6 billion in annual economic activity

## COMMERCIAL POTENTIAL

In FY17, UM Ventures — the joint technology transfer operation of UMB and the University of Maryland, College Park (UMCP) — continued to grow and connect commercialization at both universities. Tech transfer growth at UMB alone was substantial with:

- nearly 150 new invention disclosures
- 39 new license agreements
- eight new startup companies
- acquisition of three startup companies by leading global companies

UMB technologies are making significant strides in achieving regulatory approvals and raising funding. Three UMB startups were acquired by leading international companies. Highlights include:

- **Harpoon Medical**, a UMB startup, was acquired by Edwards Lifesciences, a leader in treating structural heart disease. Shortly before the acquisition, Harpoon announced that its pioneering device to repair heart valves had been found to be safe and effective in clinical trials.
- **Remedy Pharmaceuticals**, a UMB startup, sold its Phase 3-ready novel drug, CIRARA, to Biogen for \$120 million in May 2017. CIRARA is a therapeutic candidate to treat a deadly form of stroke with a mortality rate of up to 80 percent.
- **Analytical Informatics**, a UMB health IT startup, was acquired by global health technology leader Royal Philips of the Netherlands.
- **Living Pharma**, a UMB startup developing personalized CAR-T Cell Therapy to treat cancer, was acquired by Miltenyi, a German-based biotech company. Living Pharma is being integrated into Lentigen, Miltenyi's Maryland-based subsidiary.

- **Gliknik**, a UMB startup, is conducting a 45-site, seven-country clinical trial of a therapeutic vaccine to prevent recurrence of high-risk oral cancer.
- **PaxVax**, a leading vaccine company, began selling UMB-invented Vaxchora. Vaxchora is the only U.S. approved vaccine for protection against cholera. In May 2017, the CDC recommended that adults traveling to cholera-affected areas get vaccinated with Vaxchora.
- **gel-E**, a joint UMCP/UMB startup, closed a \$3.1 million Series A round of financing in July 2017 that includes a \$100,000 investment from UM Ventures. gel-E has an FDA-approved device to treat severe bleeding.

In addition, a new 428,970-square-foot, state-of-the-art research building, Health Sciences Facility III (HSF III), will open in 2018. And UM Ventures is launching a series of Center for Maryland Advanced Ventures initiatives, including:

- UMB opened the GRID in the University of Maryland BioPark. The GRID brings together UMB Graduate School educational programs on entrepreneurship and UM Ventures tech transfer and business assistance services.
- The Baltimore Fund provides financial incentives to companies affiliated with Maryland Public Higher Education institutions to locate in a network of innovation centers in Baltimore City.
- The UMCP Fischell Institute for Biomedical Devices is opening a satellite location at UMB to accelerate the development of innovative medical devices.
- The University System of Maryland created the Maryland Momentum Fund, a \$25 million early-stage investment program investing in USM-affiliated companies. The Maryland Momentum Fund is staffed by UM Ventures.

## COMMUNITY SERVICE

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Students, faculty, and staff contribute more than 2 million hours of service annually to citizens throughout Maryland, providing programming that improves health and wellness, advances justice, promotes economic development, and strengthens families and communities.

## ENGAGEMENT IN BALTIMORE

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- The UMB Community Engagement Center, located in the Poppleton neighborhood, adjacent to campus, provides direct health, employment, legal, and social services to West Baltimore residents, and works with them on neighborhood-strengthening advocacy projects.
- UMB CURE Scholars is a long-term mentoring program designed to excite West Baltimore middle and high school students about science and begin preparing them for rewarding careers in research and health care.
- The UM School of Social Work operates Promise Heights, a network of partnerships and services intended to stabilize and strengthen families in a high-poverty West Baltimore neighborhood and help children achieve academic success.
- The Partnership with West Baltimore is a collaboration between UMB and the University of Maryland Medical Center designed to improve population health, stimulate economic and community development, boost academic achievement, and nurture community connections.



**FOR MORE INFORMATION, CONTACT THE UNIVERSITY OF MARYLAND, BALTIMORE GOVERNMENT AFFAIRS OFFICE AT 410-269-5087.**

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## HEALTH AND LEGAL CARE

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### Medicine

- Attending physicians at the University of Maryland Medical Center (UMMC) are faculty members of the School of Medicine.
- Research funding totaled \$447 million, representing a 12 percent increase over the previous year.
- 1,822,210 outpatient and emergency visits and 109,414 admissions in FY17
- School began the successful recruitment of a broad slate of top scientists in the first part of "STRAP" (Special Transdisciplinary Recruitment Award Program)

### Dentistry

- Only dental school in Maryland and the largest provider of oral health services to Medicaid children/HIV patients
- Nearly 27,000 patients and more than 105,000 patient visits per year
- Founded in 1840, it is the world's first dental college.

### Carey Law

- Each year 150 Carey Law students provide nearly 75,000 hours of free legal services through 18 legal clinics, making the Clinical Law Program one of the region's largest public interest law firms.

### Nursing

- The nurse's clinic at Paul's Place, a community outreach center in Southwest Baltimore, provided intensive clinical case management to 351 patients in 2017. As a result, the clinic — run by assistant professor Kelly Doran, PhD '11, MS '08, RN — was able to divert 84 percent of non-emergent cases to an appropriate non-emergent care facility. In addition, the clinic serves as a clinical placement for nursing and social work students at UMB.

### Pharmacy

- In 2016, the Maryland Poison Center received 44,426 calls.
- Faculty and staff provide clinical service to approximately 23,000 patients each year in more than 30 practice settings in specialties such as community pharmacy, cardiology, oncology, pediatrics, HIV/AIDS, mental health, diabetes, geriatrics, and palliative care.

### Social Work

- More than 800 social work students provide over 500,000 hours of care to Maryland citizens annually.