



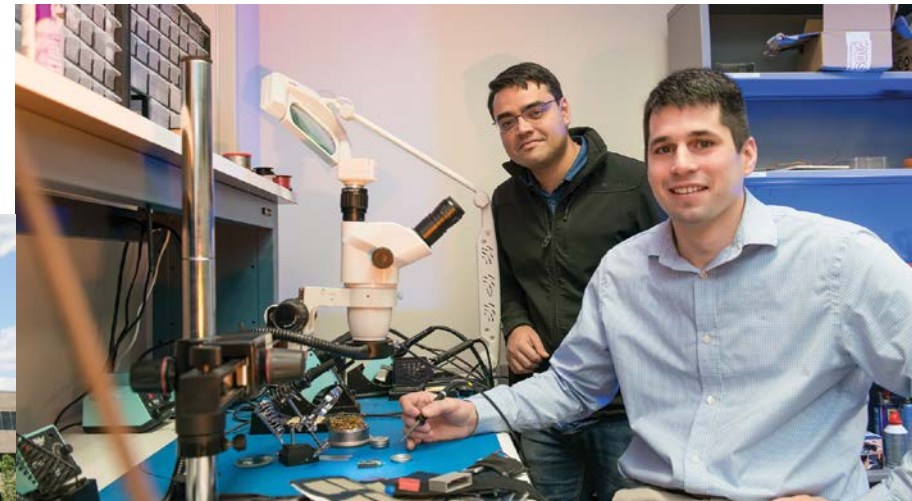
## FAST FACTS

- Established in 1966 – UMBC turns 50 in 2016
- Full-time Faculty – 652
- Student Enrollment in Fall 2015 – 13,839
- Average Freshman G.P.A. – 3.73
- 55 Majors, 35 Minors, and 20 Certificate Programs
- 24 Ph.D.'s, 39 Master's, and 23 Graduate Certificate Programs
- Carnegie Classification – Doctoral University, Higher Research Activity
- Research Expenditures in FY 2016 – \$78 Million

## ECONOMIC DEVELOPMENT

- UMBC's Research & Technology Park – bwtech@UMBC – comprises 525,000 square feet, houses 120 tenants providing 1,200 direct jobs and three incubators – cybersecurity, life sciences, and clean tech
- UMBC's Express License Agreement reduces the burden for faculty to start a company
- UMBC's Technology Catalyst Fund provides support to advance innovations from UMBC research
- UMBC faculty are highly successful contributors to the Maryland Innovation Initiative

## Innovation That Matters



## RESEARCH CULTURE

- Vibrant, interdisciplinary and collaborative, with a national reputation for integrating undergraduates in mentored research.
- Well aligned with regional and national priorities – Environment, Health, National Security and Education.
- Our most successful and impactful research efforts are often based on collaborations – across the campus, with other academic institutions, and with external partners.

UMBC50  
GRIT&GREATNESS

UMBC  
AN HONORS UNIVERSITY IN MARYLAND



## NATIONAL RECOGNITION

UMBC is ranked #4 among the Nation's "Most Innovative Schools," according to *U.S. News & World Report* in its 2015 "Best Colleges Guide," joining Stanford and MIT in the top five.

UMBC is ranked #6 among the Top National Universities with the "Best Undergraduate Teaching," according to the 2015 "Best Colleges Guide" by *U.S. News & World Report*, tied with Yale and ahead of Stanford and Duke.



## KEY RESEARCH THEMES

### Computer Information Sciences & Engineering

- Cybersecurity
- Health IT
- Cognitive Computing and Analytics
- Big Data

### Environmental Sciences & Engineering

- Atmospheric Physics and Remote Sensing
- Ecology and Remediation

### Life Sciences & Biotechnology

- Bio Sciences and Engineering
- Marine Biotechnology

### Social Sciences

- Health Equity
- Policy Studies

### Arts & Humanities

- Public Humanities and Arts
- Intercultural Communications



## Community Engagement

UMBC is a dynamic public research university integrating teaching, research, and service to benefit the citizens of Maryland.

UMBC emphasizes science, engineering, information technology, human services, and public policy at the graduate level.

UMBC is located 15 minutes from Baltimore's Inner Harbor and 30 minutes from Washington, D.C.

## MEANINGFUL PARTNERSHIPS

### UMBC/NASA Partnership

- Three major Cooperative Agreements with NASA Goddard Space Flight Center
- UMBC is ranked among the Top 20 U.S. universities in NASA funding

### UMBC/UMB Partnership

- Joint Degree Programs
  - Graduate Program in Biochemistry and Molecular Biology
  - Ph.D. Programs in Gerontology and in Biostatistics
  - Dual-Campus School of Social Work

- Research and Innovation Partnership Seed Program

- Shared Research Facilities

### UMBC/MITRE Partnership

- Academic Partner Institution on NIST National Cybersecurity Center of Excellence FFRDC

### UMBC/Downtown Baltimore Partnership

- Institute of Marine and Environmental Technology
- 2015 Imagining America national conference
- 2016 Light City Baltimore

## HONORS & AWARDS

### National and International Recognition

- 2016 National Academy of Sciences Member – Michael Summers, Chemistry and Biochemistry
- 2016 Carnegie Fellow and 2015 ACLS Research Fellowship – Kate Brown, History
- UMBC Faculty received 30 NSF CAREER Awards since 1995 – including Matt Pelton, Physics in 2016, and Helena Mentis, Information Systems and Chris Hennigan, Chemical, Biochemical and Environmental Engineering in 2015
- 2015 DOE Early Career Award to Jeffrey Gardner in Biological Sciences
- 2014 NIH Early Career Development Award to Danielle Beatty Moody in Psychology
- Alexander von Humboldt Research Awards to Curtis Menyuk, Computer Science and Electrical Engineering in 2015 and Michael Nance, Philosophy in 2016

