



AS THE STATE'S PUBLIC HIGHER EDUCATION SYSTEM, the University System of Maryland (USM) advances the quality of life for its students and the state's residents. Comprising 12 institutions and two regional centers, the system is a recognized leader in many areas, including academic and research excellence, the innovative leveraging of technology to transform courses for more student success, and the effective and efficient use of resources.

Furthermore, USM is a key driver of the state of Maryland's economic development. The university system continuously aligns its academic programs with the state's workforce needs. And it is increasing activities in the areas of technology transfer and commercialization to help boost the state's economic growth and opportunities.

Celebrating 25 years of cultivating communities and opportunities; empowering students and other individuals, businesses, and organizations; advancing research and discovery; and providing access to valuable resources, USM strives for excellence in everything it does. Following are a few examples of how USM is helping to power the state of Maryland forward.



USM**IMPACT**
Celebrating 25 years
of impact on our state, country, and world.

University System of Maryland

3300 Metzerott Road | Adelphi, MD 20783
301.445.2740 | 800.477.8437
webnotes@usmd.edu

CHAIR OF BOARD OF REGENTS

James L. Shea

CHANCELLOR

William E. Kirwan

INSTITUTIONS

Bowie State University
Coppin State University
Frostburg State University
Salisbury University
Towson University
University of Baltimore
University of Maryland, Baltimore
University of Maryland, Baltimore County
University of Maryland, College Park
University of Maryland Eastern Shore
University of Maryland University College
University of Maryland Center for Environmental Science

REGIONAL CENTERS

Universities at Shady Grove
University System of Maryland at Hagerstown

For more information about the University
System of Maryland: www.usmd.edu

2.14 | 1M

USM QUICK POINTS OF EXCELLENCE | 2014



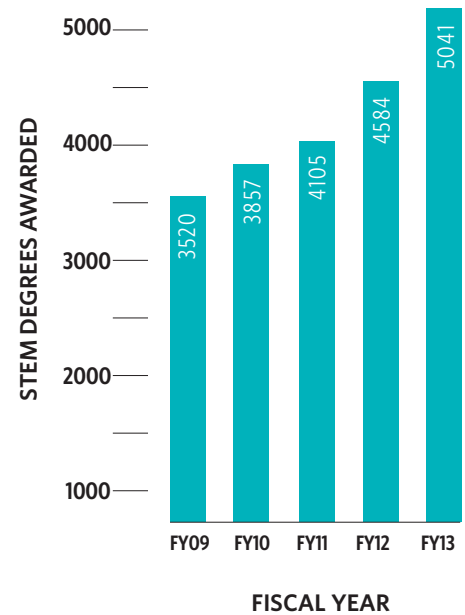
“INCREASED NEED-BASED, INSTITUTIONAL
FINANCIAL AID FOR STUDENTS BY NEARLY
140 PERCENT SINCE FY 2005.”

ENSURING ACCESS, AFFORDABILITY, AND COMPLETION

- Enrolled 153,444 students in fall 2013, 94 percent of the enrollment in Maryland’s public four-year institutions.
- Granted more than 36,000 degrees in 2013, including more than 70 percent of all bachelor’s degrees awarded in Maryland.
- Increased the number of juniors and seniors enrolled in STEM (science, technology, engineering, mathematics) courses by 72 percent from FY 2007 to FY 2014.
- Continues to improve affordability. The average undergraduate tuition for full-time, in-state students, once ranked seventh-highest, now ranks 27th nationally.
- Increased need-based, institutional financial aid for students by nearly 140 percent since FY 2005.
- Maintains collaborative relationships with the state’s community colleges, resulting in an all-time-high number of students transferring from Maryland community colleges to USM institutions in FY 2013.
- Working to increase the number of underrepresented minority students entering STEM disciplines through a \$12.4-million National Science Foundation partnership grant. Led by Bowie State University, the partnership has engaged nearly 400 Prince George’s County public school teachers in professional development in STEM and more than 300 students in dual-enrollment programs.



UNDERGRADUATE STEM DEGREES
PRODUCED BY FISCAL YEAR



- Piloting the use of free, open-source textbooks to reduce student costs, a joint effort of the Center for Innovation and Excellence in Teaching and Learning and the USM Student Council.
- Equipping thousands of students with the information they need to prepare for college early through its Way2GoMaryland campaign, www.way2gomaryland.edu.

ADVANCING ACADEMIC AND RESEARCH EXCELLENCE

- Redesigned/is redesigning more than 80 courses at its institutions and is partnering with non-USM institutions statewide to redesign an additional 30 courses to increase student success.
- Boasts nine institutions—Bowie State University; Frostburg State University; Salisbury University; Towson University; University of Baltimore; University of Maryland, Baltimore (UMB); University of Maryland, Baltimore County (UMBC); University of Maryland, College Park (UMCP); and University of Maryland Eastern Shore (UMES)—ranked among the best in specific categories by *U.S. News & World Report*.

“SAVED MORE THAN
\$462 MILLION
THROUGH ITS EFFECTIVENESS
AND EFFICIENCY INITIATIVE.”

- Takes pride in UMCP’s Top 20 ranking among public universities, with 27 academic programs in the top 10 and 71 in the top 25, by *U.S. News & World Report*.
- Boasts four institutions—Salisbury, Towson, UMBC, and UMCP—among *Kiplinger’s Personal Finance* magazine’s “Best Values in Public Colleges” for 2014. UMCP, Salisbury, and UMBC were also named among *The Princeton Review’s* “best value” public colleges for 2014.
- Competed successfully for nearly \$1.2 billion in external grants and contracts in FY 2013, supporting vital R&D and helping to position Maryland as an innovation economy leader.

Note: For information on current rankings of all USM universities, visit www.usmd.edu/newsroom/USMRankings.html.

USING RESOURCES WISELY

- Saved more than \$462 million through its Effectiveness and Efficiency Initiative.
- Maintains favorable debt ratings from bond-rating agencies, including a rating of Aa1 from Moody’s Investors Services, making USM one of only 21 public higher education institutions to earn one of Moody’s top two ratings.
- Produced a record 1.2 billion oysters during the 2013 season at the University of Maryland Center for Environmental Science, whose oyster culture facility, in partnership with the Oyster Recovery Partnership, Maryland Department of Natural Resources, and others, is helping to restore and protect the Chesapeake Bay.
- Leads the state in sustainability efforts with 52 facilities constructed and/or planned as LEED-certified “Silver” or higher.
- Raised nearly \$300 million in private gifts and pledges in FY 2013, \$65 million over its goal.



FUELING THE STATE’S ECONOMY

- Contributed significantly to the development of 67 companies in FY 2013. In addition, start-ups based on university-owned intellectual property grew by 133 percent in FY 2013 over FY 2012.
- Won 23 Maryland Innovation Initiative grant awards, totaling more than \$2.2 million, for pre-commercial translational research and early-stage product development conducted by USM schools, faculty, and start-up companies.
- Established a five-year, \$6 million-plus strategic collaboration between UMB, UMBC, UMCP, and MedImmune, the global biologics research and development arm of AstraZeneca.
- Ranks #25 on the National Academy of Inventors and the Intellectual Property Owners Association’s list of Top 100 Worldwide Universities granted U.S. patents in 2012, taking into account UMB, UMBC, and UMCP.

“COMPETED SUCCESSFULLY FOR NEARLY
\$1.2 BILLION IN EXTERNAL GRANTS
AND CONTRACTS IN FY 2013, SUPPORTING
VITAL R&D AND HELPING TO POSITION MARYLAND
AS AN INNOVATION ECONOMY LEADER.”



AN UPDATE ON MPOWERING THE STATE

University of Maryland: *MPowering the State* is an innovative and structured collaboration between the University of Maryland, Baltimore (UMB) and the University of Maryland, College Park (UMCP). The collaboration leverages the resources of the two universities to serve students better; attract more exceptional faculty and researchers; and boost research, technology transfer, and commercialization. Launched in 2012, *MPowering the State* not only enables USM to better address Maryland’s workforce needs; it helps attract more research funding to the state and creates opportunities to commercialize the substantial research the two institutions produce.

In addition to the first three points listed under the “Fueling the State’s Economy” section, here are other recent accomplishments of *MPowering the State*:

- Preparing to offer the first courses of the collaborative University of Maryland School of Public Health in fall 2014.
- Taking steps toward an agriculture law program by joining the UMCP College of Agriculture and Natural Resources, the UMB Francis King Carey School of Law, and the School of Agricultural and Natural Sciences at the University of Maryland

Eastern Shore to conduct an extensive legal needs assessment for Maryland’s farms.

- Formed a program to foster bioentrepreneurship among faculty and students, pairing UMCP engineering students and UMB clinical faculty.
- Signed a memorandum of understanding (MOU) and articulation agreement for UMCP students’ direct admission to the School of Nursing at UMB; developed an MOU for a joint PhD/MD in bioengineering.
- Received a \$5 million grant from the Agency for Healthcare Research & Quality to launch the interdisciplinary Patient-Centered Involvement in Evaluating the Effectiveness of Treatments (PATIENTS) program.
- Increased technology licenses by 21 percent and invention disclosures by 22 percent through UM Ventures, the *MPowering* group that is accelerating technology commercialization and advancing industry collaboration.