HEADLINES FROM THE 2015 ANNUAL INDICATORS

ACADEMIC QUALITY

Improve Student Learning Experience

We continue to attract well-qualified freshmen and transfers to our entering classes in greater numbers. We place emphasis on the high school GPA for admissions decisions and have successfully maintained an average GPA over 3.00 for the last five entering classes, rising to 3.19 in Fall 2014. Sixty-three percent of incoming freshmen had a GPA of 3.00 or greater. The mean SAT score of incoming freshmen was 1057. New enrollments of first-time freshmen grew to more than 1,500 in Fall 2014, a 37% increase since Fall 2010.

Last year, UMass Boston received approval for the establishment of an Honors College, which has 429 students enrolled this year. One of the principal objectives of the Honors College curriculum is to give students an understanding of themselves as global citizens. Additionally, two of our students received Fulbright awards this year. One received a Boren fellowship, and another received honorable mention for the prestigious Barry Goldwater scholarship. Academic Analytics shows 32 academic awards to 21 faculty members for the most recent year for which data is available (2013). Distinguished Professor of Biology Kamaljit Bawa was recently named to the prestigious Fellowship of the Royal Society.

Strengthen Research and Development

UMass Boston continues to advance as an increasingly sophisticated research university. Between FY 2010 and FY 2014, UMass Boston’s total R&D expenditures reported to NSF increased from $56.4 million to $61.2 million. In terms of R&D expenditure per tenure stream faculty, this figure has increased by eight percent since FY 2010 and showed more than $125,000 per tenured/tenure-track faculty member in FY 2014.

This year, UMass Boston professor of psychology, Alice Carter, received a $3.9 million grant from the National Institute of Mental Health to fund ongoing research on early identification and treatment of autism spectrum disorders. In addition, researchers at UMass Boston and George Washington University will collaborate on a research study designed to use social media to help some 450 students on both campuses lose weight. The study, Translation of Social Media Obesity Treatment into Two College Campus Communities, is funded by the National Institute of Diabetes and Digestive and Kidney Diseases (NIH).

Led by Professor Maria Ivanova, the Center for Governance and Sustainability has joined a larger team of collaborators from the Horn of Africa Regional Environment Centre & Network (HoA-REN), EcoAgriculture Partners, and the Landscapes for People, Food and Nature network and submitted a winning proposal to the Global Resilience Partnership Challenge. A joint endeavor of the Rockefeller Foundation, United States Agency for International Development (USAID), and the Swedish International Development Agency (SIDA), the Global Resilience Partnership is a multi-phase design challenge for innovative solutions and systemic approaches to climate and population change in the Horn of Africa, the Sahel, and South and Southeast Asia.

Renew Faculty

In AY 2014-15 UMass Boston was successful in recruiting 39 tenured or tenure-track faculty; 27% were persons of color, and 59% were female.

Tenure stream faculty increased five percent from Fall 2013 to Fall 2014, a continuation of a steady increase over the previous four years. This is a critical factor in ensuring the continued success of our increasing number of students.

ACCESS AND AFFORDABILITY

We continue to serve residents of Greater Boston communities and communities throughout the Commonwealth, fulfilling our mission of access to diverse populations. Many (86%) of our state-supported undergraduates are from Massachusetts. UMass Boston serves large numbers of minority students, first-generation college students, transfers, and students who are immigrants or children of immigrants who speak languages other than English at home or with families. Our students are also diverse in age and national origin. In keeping with UMass Boston’s strategic goal of global engagement, the number of international students attending as undergraduates has more than tripled between Fall 2010 and Fall 2014 and it is anticipated it will increase further over the next five years. In addition, the number of students participating in study abroad programs has increased over the past five years, with 208 participating this year (171 of them undergraduates).

The social and economic diversity of our students is illustrated by our Pell grant figures. Forty-five percent of our full-time undergraduate students from Massachusetts receive Pell grants, which are federal funds targeted toward students in greatest financial need.

UMass Boston’s College of Advancing and Professional Studies continues to see large numbers of online course registrations, with over 14,000, marking the third consecutive fiscal year with more than 13,000 course registrations. Over the past five years, the rate of growth in registrations has remained strong as UMass Boston continues to add new online programs.
STUDENT SUCCESS AND SATISFACTION

Diversity and Positive Climate

UMass Boston serves a vital function in the region as the only public research university in Boston. The campus is well known for the diversity of its student population, which exceeds the population diversity of the region. With more than 5,000 undergraduates of color, UMass Boston is the most diverse public four-year research university of all New England schools. In Fall 2014, 52% of our U.S. undergraduate students were students of color. The diversity of our student population has continued to increase along with increases in admissions quality indicators and substantial increases in enrollment.

Freshmen one-year retention rates have continued to improve over the past five years, reaching 80% for those students who entered in Fall 2013. The retention rate of entering transfer students has increased from 81% for those entering in Fall 2012 to 82% for those entering in Fall 2013.

The six-year graduation rate for the Fall 2008 cohort was 42%. While slightly lower than last year’s record high of 44%, this remains one of the highest six-year graduation rates for UMass Boston in the past 20 years. The six-year graduation rate for the Fall 1992 freshmen cohort was 27%.

The Fall 2008 cohort precedes many of the initiatives focused on student success: Start on Track/Stay on Track, the Honors program (now the Honors College), the CSM Freshmen Success program, the CLA First! Program, the CM LEAD program, the Student Support Services program, MAP-Works, and Success Boston (for Boston Public School students). All of these programs contribute to increasing retention rates.

SERVICE TO THE COMMONWEALTH

Over three-quarters of our alumni reside in Massachusetts, where they contribute to the economy and civic life of the Commonwealth.

UMass Boston devotes a high proportion of research and public service activities to the cultural, social, and economic development of the Commonwealth and global community. In addition to research which addresses policy needs, the campus is heavily engaged in a wide range of outreach activities, including our partnerships with the Boston Public Schools, the Dana Farber Harvard Cancer Consortium, and Children’s Hospital. We are recognized by the Carnegie Foundation, the Association of Public Land-grant Universities, and the American Association of State Colleges and Universities for our outreach and partnerships and for curricular community engagement.

Among the many examples of UMass Boston’s outreach and partnerships are projects to improve the lives of Bostonians. During this academic year, UMass Boston joined Mayor Martin J. Walsh, Boston Public Schools, and the Gavin Foundation in a new partnership for a pilot program called Too Good for Drugs, a new school-based prevention program designed to reduce the use of alcohol, tobacco, and illegal drugs. This year saw the launch of the School for the Environment’s new graduate program in Urban Planning and Community Development. Mayor Walsh enlisted eight students in our Honors College to help him create a plan to revitalize Dorchester’s Strand Theater. The university also hosted the fourth annual Community-Engaged Partnerships Symposium, an event highlighting the efforts and achievements of UMass Boston faculty and staff and offering professional development workshops.

Enrollments continue to grow steadily in Science, Technology, Engineering, and Mathematics (STEM) as overall enrollments also rise, with almost 4,000 students in these disciplines in Fall 2014. This is an increase of 46% from Fall 2009 to Fall 2014. The number of STEM degrees and certificates awarded has increased 38% from AY 2009-10 to AY 2013-14. The Integrated Sciences Complex will further strengthen this focus of the university. The building opened for classes and research in Spring 2015, with an official ribbon cutting in April.

FINANCIAL HEALTH

Endowment assets totaled $78.9 million in FY 2014, an increase of 19% over the prior year. Endowment per annualized student FTE grew from $3,414 in FY 2010 to $5,756 in FY 2014, an increase of 69%, in spite of the significant increase in enrollment over the time period. Total private funds raised increased from FY 2010 ($11.0 million) to FY 2014 ($13.6 million). The 50th anniversary celebration has engaged the campus in renewed efforts to attract giving from alumni and friends.

UMass Boston’s financial performance remains positive, reflecting the impact of rising enrollment and related fee revenue, increased research activity, and prudent management of its resources. UMass Boston continued to exhibit positive operating results in FY 2014, recording its fifth consecutive positive operating margin (4.8%), and a primary reserve (25.6%) greater than that of our peers (20.8%). There was a relatively low debt service ratio of 4.8% (our peers were 4.1%). The debt service ratio has remained in a relatively tight range over the last five fiscal years. Borrowing has increased slowly and interest rates have remained low. With the Master Plan being implemented, debt is planned to rise over the next few years.

In keeping with the 25-Year Master Plan, the campus is undergoing exciting physical changes. Construction on General Academic Building Number 1 has made progress. The roadway and utilities replacement/enhancement project continues. Major traffic pattern changes occurred this past year to accommodate work on this utility corridor, which will support future buildings and provide reliable and redundant utility services to the campus. The future two-way roadway network will also incorporate bike lanes, tree lawns, and sidewalks throughout the campus. The Edward M. Kennedy Institute for the United States Senate opened in March, with many dignitaries in attendance.
## 2015 Annual Indicators at a Glance

### Academic Quality

- Average High School GPA of Freshmen: 3.19
- Average SAT Scores of Freshmen:
  - Arithmetic Mean: 1057
  - 25th - 75th Percentile: 960 - 1130
- Average GPA of Entering Transfers: 3.12
- Student Satisfaction with Educational Experience: 78%
- Student-Faculty Ratio: 16:1
- Technology-Enhanced Classrooms: 122
- Number of Students Enrolled in For-Credit Internships: 6,069
- Number of Doctoral Degrees Awarded: 71
- Postdoctoral Appointees: 16:1
- Total R&D Expenditures: $61.2M
- Total R&D Expenditures Ranking: 183
- Total R&D Expenditures Ranking among Carnegie Peers, US Publics, Non-Medical: 30
- Total R&D Expenditures per Tenure System Faculty: $125,639
- Sponsored Instruction & Outreach/Faculty: $38,180
- Patent Applications: 4
- License Income: $1,464
- Percent Tenured/Tenure-Track Faculty: 40%
- New Tenured/Tenure-Track Faculty Hired: 39
  - As Percent of Tenured/Tenure-Track Faculty: 8%
- Change in Tenured/Tenure-Track Faculty: 5%
- Change in Total Faculty FTE: 4%
- Full-Time Instructional Faculty:
  - Percent of Color: 25%
  - Percent Women: 50%
- Faculty Awards: NA
- National Academy Members: NA

### Access and Affordability

- Percent In-State Pell Grant Recipients: 45%
- Percent of Need Met for In-State Students Awarded Need-Based Aid: 89%
- Average Debt of Students: $27,229 (UG Graduating Class)
- Percent Graduating Class with Debt (UG): 73%
- Percent Undergraduate Students from MA: 86%
- Online Course Registrations: 14,637
- Annual Growth in Online Course Registrations: 10%

### Student Success and Satisfaction

- Percent Undergraduate who are Students of Color: 52%
- Percent First-Generation College Students: 56%
- Percent Undergraduates with English as a Second Language (2014 Freshmen): 53%
- Percent International Undergraduates: 11%
- Total Students who Participated in a Study Abroad Program: 208
- Freshman Four-Year Graduation Rate: 18%
- Freshmen One-Year Retention Rate: 80%
- Freshmen Six-Year Graduation Rate: 42%
- Transfer (Full-time) One-Year Retention Rate: 82%
- Transfer (Upper Division) Four-Year Graduation Rate: 64%
- Alumni Participation Rate: 4.8%

### Service to the Commonwealth

- Incoming Class: 3,219
  - Percent Freshmen: 48%
  - Percent Transfers: 52%
- Degree Completions: 3,360
  - Bachelors: 2,366
  - Masters: 923
  - Doctorates: 71
• Percent Alumni who Live in Massachusetts 75%
• Enrollment in STEM Programs 3,910 (25%)
  Undergraduate 3,389 (28%)
  Graduate 521 (15%)
• Degrees Awarded in STEM Fields 556 (16%)
  Undergraduate 432 (18%)
  Graduate 124 (12%)
• Degrees Awarded in Healthcare Fields 611
  Undergraduate 552
  Graduate 59
• MTEL Science and Math Test-Takers 213

**Financial Health**

• Total Endowment $78.9M
• Annual Growth in Endowment 19%
• Total Endowment per Annualized Student FTE $5,756
• Private Funds Raised Annually $13.6M
• Primary Reserve 25.6%
• Debt Service to Operations 4.8%
• Deferred Maintenance per GSF $193.88