



Learning with Purpose

UMASS LOWELL 2017 Report Card



MISSION AND PILLARS OF EXCELLENCE FOR UMASS LOWELL 2020

MISSION:

The University of Massachusetts Lowell is a nationally ranked public research university committed to excellence in teaching, research and community engagement. We strive to prepare students to succeed in college and to become lifelong learners and informed citizens in a global environment. UMass Lowell offers affordable, experience-based undergraduate and graduate academic programs taught by internationally recognized faculty who conduct research to expand the horizons of knowledge and sustainable practices. The programs span and interconnect the disciplines of business, education, engineering, fine arts, health, humanities, sciences and social sciences. The university continues to build on its founding tradition of innovation, entrepreneurship and partnerships with industry and the community to address challenges facing the region and the world.

UMASS LOWELL 2020—PILLARS AND COMMITTEES:

I. TRANSFORMATIONAL EDUCATION

Jacqueline Moloney, Chancellor
Strategic Planning Steering
Committee: Patricia McCafferty,
Lauren Turner, Michael Vayda,
Joanne Yestramski

Committee on Transformational
Education: Anita Greenwood,
Julie Nash, Co-chairs

Academic Sustainability Committee:
Rich Lemoine, John Wooding,
Co-chairs

Academic Technology Committee:
Michael Cipriano, George Hart,
Co-chairs

Curriculum Enhancement
Committee: Paula Haines,
Jim Nehring, Co-chairs

Faculty Success Committee:
Pradeep Kurup, Marlowe Miller,
Co-chairs

Faculty Honors Subcommittee:
Jim Canning, Supriya Chakrabarti,
Tony Szczesiul, Co-chairs

Graduate Education Committee:
Alkim Akyurtlu, Scott Latham,
Co-chairs

Intercollegiate Athletic Council:
Todd Avery, Stacy Szczesiul,
Frank Talty, Co-chairs

Student Success Committee:
Nicole Champagne, Kerry Donohoe,
Larry Siegel, Co-chairs

Financial Wellness Subcommittee:
Brenda Evans, Joyce McLaughlin,
Steve O’Riordan, Co-chairs

Work Readiness Committee:
Peter Gaines, Stefanie Tate,
Co-chairs

II. GLOBAL ENGAGEMENT & INCLUSIVE CULTURE

Committee on Global Engagement
and Inclusive Culture: Nouredine
Melikechi, Lauren Turner,
Leslie Wong, Co-chairs

Equity Climate Committee:
Meg Bond, Joe Hartman, Co-chairs

International Experience Committee:
Maria Conley, Carole Salmon,
Co-chairs

Title IX Committee: Ann Ciaraldi,
Clara Orlando, Co-chairs

III. INNOVATIVE RESEARCH & ENTREPRENEURSHIP

Committee on Innovative Research:
Andy Harris, Anne Maglia, Co-chairs

Dissemination and External Visibility
Committee: Bob Giles, Christine
Gillette, Shortie McKinney, Co-chairs

Intellectual Property and Technology
Transfer Committee: Rekha
Paleyanda, Xingwei Wang, Co-chairs

Research Infrastructure and Faculty
Support Committee: Matt Nugent,
Susan Puryear, Co-chairs

River Hawk Venture Fund Investment
Advisory Council: Don LaTorre,
Jack Wilson, Co-chairs;
Nancy Saucier, Fund Managing
Director

University Research and Engagement
Centers Committee: Andy Harris,
Ram Nagarajan, Co-chairs

IV. LEVERAGE OUR LEGACY AND OUR PLACE

Economic Development Committee:
Scott Latham, Steve Tello,
Jack Wilson, Co-chairs

Corporate Engagement
Subcommittee: Tom O’Donnell,
Arlene Parquette, Co-chairs

Campaign Executive Committee:
Nancy Donahue, Charles Hoff and
Robert Manning, Co-chairs

Marketing Committee: Bryce
Hoffman, Sandy Richtermeier,
Co-chairs

Web Advisory Committee:
Gerry Nelson, Jim Sherwood,
Co-chairs

V. ENTREPRENEURIAL STEWARDSHIP

Art, Artifacts and Archives
Committee: Mehmed Ali,
Adam Baacke, Co-chairs

Campus Safety Committee:
Randy Brashears, James Kohl,
Co-chairs

Climate Action Plan Committee:
Rich Lemoine, Chris Niezrecki,
Co-chairs

Facilities Renewal and Master
Planning Committee: Tom Dreyer,
Joe Hartman, Co-chairs

Financial Planning Committee:
Monica Galizzi, Steve O’Riordan,
Co-chairs

UMASS LOWELL

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National Rankings and Recognition

U.S. News & World Report, “National Universities”

- UMass Lowell is ranked No. 78 among the top public universities in the country.
- Since 2010, UMass Lowell has climbed 31 spots in the ranking of top-tier national universities, from No. 183 to No. 152, the second-fastest rise in the nation for that time frame.
- UMass Lowell is ranked No. 51 in online bachelor’s programs.

Chronicle of Higher Education

- UMass Lowell is ranked the ninth fastest-growing public doctoral institution in the nation between 2004 and 2014.

The Education Trust

- UMass Lowell is ranked third in the nation among four-year public institutions for closing achievement gaps for underrepresented students.

U.S. Department of Education

- UMass Lowell is cited as a national model for innovative practices in student success in the College Completion Toolkit.

Payscale.com, “20-year Return on Investment”

- UMass Lowell is ranked No. 43 in the nation among public institutions and first in New England among public research universities for midcareer salaries among graduates with bachelor’s degrees.

INSIGHT Into Diversity magazine

- Since 2015, UMass Lowell has been recognized with the Higher Education Excellence in Diversity (HEED) Award, the only national honor for U.S. colleges and universities that demonstrate an outstanding commitment to diversity and inclusion.

President’s Higher Education Community Service Honor Roll

- UMass Lowell has been on every national Honor Roll since 2009.

Association of Public Land Grant Universities “Innovation and Economic Prosperity Universities” Designation

- UMass Lowell is one of 55 universities in the country to receive this designation in recognition of its commitment to economic engagement.

Military Times

- UMass Lowell is No. 68 in the Best for Vets ranking among all public and private four-year colleges and universities in the nation.

Carnegie Foundation

- UMass Lowell has held the Carnegie Foundation’s designation of “community-engaged campus” since 2008.

(Ranking information as of February 2017)

I. TRANSFORMATIONAL EDUCATION

A. Admissions and Enrollment

Selectivity for Full-time, First-year Students

	Fall 2010	Fall 2015	Fall 2016	Fall 2020 GOAL
Average SAT	1089	1173	1171	1245**
Average High School GPA	3.18	3.54	3.59	3.70

** On the new SAT scale

Enrollment

	Fall 2010	Fall 2015	Fall 2016	Fall 2020 GOAL
Head Count				
Undergraduate	8,570	10,345	10,750	12,000
Undergraduate from Out-of-state	8.7%	12.6%	13.2%	15.0%
Master's	1,687	2,487	2,601	2,900
Doctoral	627	788	825	850
Online and Continuing Education	1,829	1,916	1,917	1,900
Certificates and Non-degree	1,973	1,914	1,764	1,350
Total Enrollment	14,686	17,450	17,857	19,000
Annual Increase Total Enrollment	8.0%	1.5%	2.3%	1.5%
Full-time Equivalent (FTE) Enrollment				
Total FTE Enrollment	11,246	13,531	13,818	15,000
Annual Increase Total FTE Enrollment	9.2%	1.8%	2.1%	2.0%

Online Course Registrations

	AY 2010	AY 2015	AY 2016	AY 2020 GOAL
Online Course Enrollments	16,698	25,021	26,834	29,500
Annual Increase	15.7%	7.1%	7.3%	4.0%
Online and Continuing Education Revenue (millions)	\$27.9	\$43.3	\$47.2	\$50.0

B. Student Success

Degrees Awarded

	AY 2010	AY 2015	AY 2016	AY 2020 GOAL
Bachelor's	1,475	2,388	2,333	2,700
Master's	607	976	1,037	1,100
Doctoral	67	124	137	130

Student Debt Load of Graduating Class (Undergraduates)

	Fall 2010	Fall 2015	Fall 2016	Fall 2020 GOAL
Average Debt Load	\$24,087	\$30,915	\$31,432	\$30,000

Retention and Graduation Rates

	Fall 2010	Fall 2014	Fall 2015	Fall 2020 GOAL
One-year Retention Rate of First-year Students	78%	86%	85%	90%
Peers (median)	84%	85%	n/a	
6-year Graduation Rate	51%	56%	56%	60%
Peers (median)	57%	63%	n/a	
4-Year Graduation Rate of Upper-level Transfers	n/a	66%	64%	70%

Undergraduate Day Class Size

	Fall 2010	Fall 2015	Fall 2016	Fall 2020 GOAL
Percent below 20	50%	59%	53%	50%
Peers (median)	38%	39%	n/a	

Honors College

	Fall 2010	Fall 2015	Fall 2016	Fall 2020 GOAL
Total Students Enrolled	403	1,084	1,429	1,800
Proportion of Undergraduate Student Body	5%	11%	13%	15%

Beyond the Classroom

	FY 2010	FY 2015	FY 2016	FY 2020 GOAL
Experiential Learning				
Professional Co-ops	83	457	547	950
Research & Community Co-ops	n/a	128	174	200
Residential Experience				
Freshmen Living in Residence Halls	77%	81%	81%	86%
Freshmen Residents in Living-learning Communities	22%	39%	50%	80%
All Residential Students in Living-learning Communities	10%	20%	26%	50%

Number of Faculty

	Fall 2010	Fall 2015	Fall 2016	Fall 2020 GOAL
FT Faculty	434	565	576	650
PT/FTE	190	182	179	200
Total Faculty FTE	624	747	755	850
Percent of Instruction Capacity by Adjuncts	30%	24%	24%	20%
Student:Faculty Ratio	18:1	17:1	17:1	18:1

National Survey of Student Engagement Results: Overall Student Satisfaction

Percent of students evaluating their entire educational experience as "good" or "excellent"	2015	2016	2020 GOAL
UMass Lowell First-year	78%	87%	88%
New England Publics First-year	85%	84%	
UMass Lowell Seniors	84%	81%	88%
New England Publics Seniors	84%	84%	

II. GLOBAL ENGAGEMENT AND FOSTERING INCLUSION

Gender Breakdown for First-time, First-year Students

	Fall 2010	Fall 2015	Fall 2016	Fall 2020 GOAL
Gender Breakdown (M/F)	64/36	65/35	60/40	55/45

International Undergraduate/Graduate Students

	Fall 2010	Fall 2015	Fall 2016	Fall 2020 GOAL
Total Undergraduate	64	401	478	525
Percent of Undergraduates	0.6%	3.1%	3.6%	4.0%
Graduate	390	752	780	800
Percent of Graduates	11.4%	18.0%	19.0%	18.0%

Underrepresented Populations—Students

	Fall 2010	Fall 2015	Fall 2016	Fall 2020 GOAL
Undergraduate Students of Color	2,122	3,012	3,194	3,800
Percent	26.0%	31.4%	32.0%	32.0%
Graduate Students of Color	510	701	767	800
Percent	19.0%	22.8%	25.0%	26.0%

Underrepresented Populations—Faculty and Staff

	Spring 2010	Spring 2015	Fall 2016	Fall 2020 GOAL
Faculty of Color	86	151	168	200
Percent	21.0%	26.4%	29.7%	30.0%
Staff of Color	101	160	183	200
Percent	13.1%	14.9%	16.7%	17.0%

III. INNOVATIVE RESEARCH

Research and Development Expenditures

	FY 2010	FY 2015	FY 2016	FY 2020 GOAL
Total R&D Expenditures (millions)	\$59.3	\$70.4	\$68.5	\$90.0
Total Externally Funded Research Expenditures (millions)	\$32.7	\$40.4	\$36.9	\$50.0
Total R&D Expenditures Per Tenure Track Faculty Member	\$162,145	\$166,392	\$159,289	\$175,000

IV. LEVERAGE OUR LEGACY AND OUR PLACE

Alumni Participation

	FY 2010	FY 2015	FY 2016	FY 2020 GOAL
Alumni Participation	4,909	8,761	9,413	10,000
Percent Giving	7.6%	12.0%	12.4%	13.0%
Peer Average Percent Giving	6.0%	5.0%	n/a	

Individual and Corporate Giving (millions)

	FY 2010	FY 2015	FY 2016	FY 2020 GOAL
Private Funds Raised	\$10.8	\$21.0	\$21.5	\$24.0
Cumulative Campaign Goals	n/a	\$55.7	\$84.7	\$125.0

Total Endowment and Endowment per Student

	FY 2010	FY 2015	FY 2016	FY 2020 GOAL
Total Endowment—Market Value (millions)	\$41.2	\$82.4	\$81.0	\$100
Endowment Per Student FTE	\$3,939	\$6,120	\$5,858	\$6,500
Peers (average)	\$6,151	n/a	n/a	

V. ENTREPRENEURIAL STEWARDSHIP

Financial Health

	FY 2010	FY 2015	FY 2016	FY 2020 GOAL
Total Operating Revenues (millions)	\$170.5	\$270.1	\$286.0	\$360.0
Annual Growth	9.3%	10.5%	6.0%	6.0%
Total Operating Budget (millions)	\$243.9	\$387.2	\$417.9	\$505.0
Operating Margin	9.8%	1.0%	0.2%	2.0%
Debt Service Ratio	4.0%	7.6%	7.7%	7.5%
Primary Reserve Ratio	22.7%	22.1%	21.4%	20.0%

Facilities

	FY 2010	FY 2015	FY 2016	FY 2020 GOAL
Accessible Buildings on Campus	24%	64%	83%	90%
Classroom Seat Utilization Index	0.391	0.423	0.441	0.475

Sustainability

	FY 2010	FY 2015	FY 2016	FY 2020 GOAL
STARS Points (Sustainability, Tracking, Assessment & Rating System)	n/a	53.9	70.5	72.0
STARS Rating	n/a	Silver	Gold	Gold
Net GHG Scope 1+2 Emissions MT/1000 Gross SF	9.15	7.85	n/a	8.00
Net GHG Scope 3 Emissions, MT per FTE	1.80	1.58	n/a	1.76

Source: UMass Lowell Office of Institutional Research

Current Peers: Georgia State University; University of Maine; University of Maryland-Baltimore County; San Diego State University; Virginia Commonwealth University; University of Wisconsin-Milwaukee



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