



Learning with Purpose

UMASS LOWELL 2019 Report Card



MARCH 2019

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

Committee on Transformational Education:
Eleanor Abrams, Julie Nash, Co-chairs

Academic Sustainability Committee:
Ruairi O'Mahony, John Wooding,
Co-chairs

Academic Technology Committee:
Michael Cipriano, Fred Martin, Co-chairs

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

Faculty Success Committee: Dhimiter Bello,
Marlowe Miller, Co-chairs

Faculty Honors Subcommittee: Jennifer
Percival, Richard Serna, Co-chairs

Graduate Education and Professional
Studies Committee: Luis Falcon, Matt Gage,
Shahram Haydari, Co-chairs

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

International Experience Committee:
Maria Conley and TBD, Co-chairs

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

III. INNOVATIVE RESEARCH & ENTREPRENEURSHIP

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

Dissemination and External Visibility
Committee: Christine Gillette, John Kaag,
Shortie McKinney, Co-chairs

Intellectual Property and Technology
Transfer Committee: Rajnish Kaushik,
Xingwei Wang, Co-chairs

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

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

University Research and Engagement
Centers Committee: Ram Nagarajan,
Phitsamay Uy, Co-chairs

IV. LEVERAGE OUR LEGACY AND OUR PLACE

Economic Development Committee:
Arlene Parquette, Steve Tello, Jack Wilson,
Co-chairs

Community Engagement Subcommittee:
Sabrina Noel, Robin Toof, Co-chairs

Corporate Engagement Subcommittee:
Greg Denon, Arlene Parquette, Co-chairs

Campaign Executive Committee:
John Pulichino, Chair

Intercollegiate Athletic Council: Brenda
Evans, Kerri Johnston, Co-chairs

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

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

Faculty and Staff Campaign Committee:
Deb Finch, Bob Giles, Larry Siegel,
Co-chairs

V. ENTREPRENEURIAL STEWARDSHIP

Art, Artifacts and Archives Committee:
Adam Baacke, Michael Millner, Co-chairs

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

Climate Action Plan Committee:
Tom Miliario, Chris Niezrecki, Co-chairs

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

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

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

UMASS LOWELL

2019 Report Card

Rankings and Recognition

U.S. News & World Report

- UMass Lowell is ranked among the top 80 public universities in the country. It was named a top-tier national university in 2010 at No. 183. Its climb to No. 157 since is among the fastest in the nation.
- The university's online programs are ranked among the best in the nation. Online graduate programs in criminal justice and information technology are ranked in the top 10 in the country and are No. 1 among all public institutions in New England. Online graduate programs in education are ranked among the top 20 in the country and are the best in New England among all institutions, public and private.

Top 100 Women-Led Businesses in Massachusetts

- For the second straight year, UMass Lowell is the highest-ranked educational institution among the Top 100 Women-Led Businesses in Massachusetts in rankings by The Commonwealth Institute and Boston Globe Magazine. The university was No. 4 in 2017 and No. 7 on the list in 2018, earning a top 10 spot for the second consecutive year.

Chronicle of Higher Education

- For the last three years, UMass Lowell has been ranked in the top 10 fastest-growing public doctoral universities in the country.

American Association for the Advancement of Science

- UMass Lowell was one of three universities recognized in 2019 for its commitment to diversity, equity and inclusion in STEM and for advancing positive change in relevant policies and practices.

Princeton Review

- UMass Lowell is recognized as a Green College for its commitment to sustainability, a healthy campus life, preparation of students for careers in a green economy and the institution's environmentally responsible policies.

Payscale.com

- UMass Lowell is ranked No. 1 among public research institutions in New England and No. 24 in the nation for starting salaries. The university ranks 29th among public research universities in the U.S. for graduates' return on investment (ROI) and No. 1 among New England public research universities for 20-year ROI.

OnlineColleges.com

- UMass Lowell is No. 1 in the Best Online Colleges for Massachusetts ranking, based on factors that include ROI.

Association of Public Land Grant Universities "Innovation and Economic Prosperity University" Designation

- UMass Lowell is one of 64 universities in the country to receive this designation in recognition of its commitment to economic engagement.

Sierra Club

- UMass Lowell ranks No. 22 among more than 230 colleges and universities in the nation in the ranking of "Cool Schools," which recognizes campuses that are the most "green."

Carnegie Foundation

- UMass Lowell has held the Carnegie Foundation's designation of "community-engaged campus" since 2008.

(Selected ranking information as of February 2019)

I. TRANSFORMATIONAL EDUCATION

A. Admissions and Enrollment

Selectivity for Full-time, First-year Students

	Fall 2010	Fall 2017	Fall 2018	Fall 2020 GOAL
Average SAT	1089	1225*	1233*	1235*
Average High School GPA	3.18	3.54	3.60	3.60

*On the new SAT scale

Enrollment

	Fall 2010	Fall 2017	Fall 2018	Fall 2020 GOAL
Headcount				
Undergraduate	8,570	11,148	11,360	12,000
Undergraduate from Out-of-state	8.8%	12.6%	11.7%	15.0%
Master's	1,687	2,701	2,723	2,900
Doctoral	627	832	861	850
Online and Continuing Education	1,829	1,891	1,854	1,900
Certificates and Nondegree	1,973	1,744	1,459	1,350
Total Headcount	14,686	18,316	18,257	19,000
Annual Change, Total Headcount Enrollment	8.0%	2.6%	-0.3%	1.5%
Full-time Equivalent (FTE)				
Total FTE Enrollment	11,345	14,423	14,601	15,000
Annual Increase, Total FTE Enrollment	9.4%	3.7%	1.2%	2.0%

Online and Continuing Education

	AY 2010	AY 2017	AY 2018	AY 2020 GOAL
Course Enrollments	16,698	28,790	30,932	38,300
Annual Increase		7.3%	7.4%	10.0%
Course Revenue (millions)	\$18.5	\$35.2	\$39.1	\$46.9
Annual Increase		5.4%	11.1%	10.0%

B. Student Success

Degrees Awarded

	AY 2010	AY 2017	AY 2018	AY 2020 GOAL
Bachelor's	1,475	2,619	2,798	2,700
Master's	607	1,018	1,102	1,100
Doctoral	67	110	122	130

Student Debt Load of Graduating Class (Undergraduates)

	Fall 2010	Fall 2017	Fall 2018	Fall 2020 GOAL
Average Debt Load	\$24,087	\$32,744	\$32,178	\$30,000

Retention and Graduation Rates

	Fall 2010	Fall 2017	Fall 2018	Fall 2020 GOAL
One-year Retention Rate of First-year Students	78%	86%	85%	90%
Peers (median)	84%	84%	n/a	
Six-year Graduation Rate	51%	60%	63%	60%
Peers (median)	57%	63%	n/a	
Four-year Graduation Rate of Upper-level Transfers	n/a	65%	66%	70%

Undergraduate Day Class Size

	Fall 2010	Fall 2017	Fall 2018	Fall 2020 GOAL
Percent below 20	50%	52%	47%	50%
Peers (median)	38%	34%	n/a	
Percent 20-29	22%	14%	19%	20%

Honors College

	Fall 2010	Fall 2017	Fall 2018	Fall 2020 GOAL
Total Students Enrolled	403	1,616	1,737	1,800
Proportion of Undergraduate Student Body	5%	14%	15%	15%

Beyond the Classroom

	FY 2010	FY 2017	FY 2018	FY 2020 GOAL
Experiential Learning				
Professional Co-op Program	83	830	933	950
Research and Community Immersive Scholars	n/a	161	142	200
Residential Experience				
Freshmen Living in Residence Halls	77%	82%	91%	85%
Freshmen Residents in Living-Learning Communities	22%	50%	50%	60%
All Residential Students in Living-Learning Communities	10%	22%	32%	35%
Employment and Graduate School Outcomes				
Percent Employed or Enrolled in Graduate School*	n/a	94%	96%	95%

*Through December 31 of graduation year.

Number of Faculty

	Fall 2010	Fall 2017	Fall 2018	Fall 2020 GOAL
FT Faculty	434	616	637	660
PT FTE	190	168	158	170
Total Faculty FTE	624	784	795	830
Percent of Instruction Capacity by Adjuncts	30%	21%	20%	20%
Student-to-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"	2016	2017	2018	2020 GOAL
UMass Lowell First-year	87%			88%
New England Publics First-year	84%			
UMass Lowell Seniors	81%			88%
New England Publics Seniors	84%			

Administering in Spring 2019

II. GLOBAL ENGAGEMENT AND FOSTERING INCLUSION

Gender Breakdown—First-time, First-year Students

	Fall 2010	Fall 2017	Fall 2018	Fall 2020 GOAL
Gender Breakdown (M/F)	64/36	64/36	62/38	55/45

International Students

	Fall 2010	Fall 2017	Fall 2018	Fall 2020 GOAL
Undergraduate	64	515	487	525
Percent of Total Undergraduates	0.6%	3.7%	3.5%	4.0%
Graduate	390	759	688	800
Percent of Total Graduates	11.4%	17.6%	16.2%	18.0%

Student Demographics

	Fall 2010	Fall 2017	Fall 2018	Fall 2020 GOAL
Undergraduate Students of Color	2,122	3,497	3,813	3,800
Percent	26.0%	33.8%	36.0%	32.0%
Graduate Students of Color	510	759	783	800
Percent	19.0%	24.5%	25.1%	26.0%
Gender Breakdown (M/F)	58/42	61/39	61/39	60/40

Faculty and Staff Demographics

	Spring 2010	Fall 2017	Fall 2018	Fall 2020 GOAL
Faculty				
Faculty of Color	86	182	189	200
Percent	21.0%	29.6%	29.7%	30.0%
Gender Breakdown (M/F)	64/36	55/45	56/44	53/47
Staff				
Staff of Color	101	190	218	200
Percent	13.1%	17.0%	18.9%	17.0%
Gender Breakdown (M/F)	46/54	43/57	43/57	40/60

III. INNOVATIVE RESEARCH

Research and Development

	FY 2010	FY 2017	FY 2018	FY 2020 GOAL
Total R&D Expenditures (millions)	\$59.3	\$69.7	\$72.3	\$80.0
Total Externally Funded Research Expenditures (millions)	\$32.7	\$38.6	\$45.6	\$45.0
Total R&D Expenditures Per Tenure Track Faculty Member Externally Funded Capital Improvements/Equipment (three-year average) (millions)	\$162,145	\$156,930	\$160,667	\$155,500
	\$2.0	\$3.6	\$6.5	

IV. LEVERAGE OUR LEGACY AND OUR PLACE

Alumni and Employee Participation

	FY 2010	FY 2017	FY 2018	FY 2020 GOAL
Number of Alumni Giving	4,909	8,872	8,158	10,000
Percent Giving	7.6%	11.4%	10.2%	11.0%
Peer Average Percent Giving	6.0%	5.2%	5.4%	
Faculty and Staff Percent Giving	n/a	41.0%	45.0%	48.0%
National Faculty and Staff Percent Giving (VSE)*	n/a	22.1%	22.5%	

*Voluntary Support of Education Survey

Individual and Corporate Giving (Millions)

	FY 2010	FY 2017	FY 2018	FY 2020 GOAL
Private Funds Raised	\$10.8	\$21.4	\$15.6	\$24.0
Cumulative Campaign Total	n/a	\$106.6	\$122.1	\$150.0

Total Endowment and Endowment per Student

	FY 2010	FY 2017	FY 2018	FY 2020 GOAL
Total Endowment—Market Value (millions)	\$37.4	\$84.8	\$91.7	\$100.0
Endowment Per Student FTE	\$3,379	\$5,638	\$5,903	\$6,500
Peers (average)	\$6,151	\$9,997*	n/a	

*Excludes Virginia Commonwealth University

V. ENTREPRENEURIAL STEWARDSHIP

Financial Health

	FY 2010	FY 2017	FY 2018	FY 2020 GOAL
Total Operating Revenues (millions)	\$171	\$299	\$313	\$347
Annual Growth	9.3%	4.7%	4.6%	5.0%
Total Operating Budget (millions)	\$244	\$428	\$452	\$495
Operating Margin	9.8%	2.2%	1.5%	1.0%
Debt Service Ratio	4.0%	7.3%	7.4%	7.8%

Facilities

	FY 2010	FY 2017	FY 2018	FY 2020 GOAL
Accessible Buildings on Campus	24%	92%	96%	95%
Classroom Seat Utilization Index	0.391	0.448	0.464	0.475
University Square Footage (millions ft ²)	3.1	4.8	4.8	4.9

Sustainability

	FY 2010	FY 2017	FY 2018	FY 2020 GOAL
STARS (Sustainability, Tracking, Assessment & Rating System) Points	n/a	70.5	70.5	72.0
STARS Rating	n/a	Gold	Gold	Gold
Net GHG Scope 1+2 Emissions MT/1000 Gross SF	n/a	6.33	6.28	8.00
Net GHG Scope 3 Emissions, MT per FTE	n/a	1.67	1.66	1.76

Source: Office of Strategic Analysis and Data Management

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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