



*Learning with Purpose*

# UMASS LOWELL 2018 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:

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

### I. TRANSFORMATIONAL EDUCATION

Committee on Transformational  
Education: Eleanor Abrams,  
Julie Nash, Co-chairs  
Academic Sustainability Committee:  
Rich Lemoine, John Wooding,  
Co-chairs  
Academic Technology Committee:  
Michael Cipriano, Beth Mitchneck,  
Co-chairs  
Curriculum Enhancement Committee:  
Paula Haines, Jim Nehring, Co-chairs  
Faculty Success Committee:  
Pradeep Kurup, Marlowe Miller,  
Beth Mitchneck, Co-chairs  
Faculty Honors Subcommittee:  
Victoria Denoon, Beth Mitchneck,  
Co-chairs  
Graduate Education Committee:  
Matt Gage, Shahram Haydari,  
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

### 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 Reynolds, 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: Xingwei Wang,  
Co-chair  
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: 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,  
Tom O’Donnell, Arlene Parquette,  
Co-chairs  
Campaign Executive Committee:  
Nancy Donahue, Charles Hoff,  
Robert Manning, 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:  
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

## 2018 Report Card

### Rankings and Recognition

#### U.S. News & World Report, National Universities

- Since 2010, UMass Lowell has been ranked a top-tier national university. Its climb from No. 183 to No. 156 since then is among the fastest in the nation. The university is ranked among the top 80 public universities in the country.
- UMass Lowell's online graduate programs in education, information technology and criminal justice are ranked in the top 15 in the nation and are No. 1 among all public institutions in New England.

#### Top 100 Women-Led Businesses in Massachusetts

- UMass Lowell is No. 4 among the 2017 Top 100 Women-Led Businesses in Massachusetts in the ranking by The Commonwealth Institute and Boston Globe Magazine.

#### Chronicle of Higher Education

- UMass Lowell is ranked as the fifth-fastest-growing public doctoral institution in the nation. It is the fastest-growing in that category in New England.

#### 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. 23 in the nation for starting salaries. It is ranked No. 1 among New England public research universities for graduates' 20-year return on investment.

#### OnlineColleges.com

- UMass Lowell is No. 1 in the Best Online Colleges for Massachusetts ranking.

#### President's Higher Education Community Service Honor Roll

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

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

- UMass Lowell is one of 58 universities in the country to receive this designation in recognition of its commitment to economic engagement.

#### Education Trust

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

#### Carnegie Foundation

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

(Selected ranking information as of February 2018)



## I. TRANSFORMATIONAL EDUCATION

### A. Admissions and Enrollment

#### Selectivity for Full-time, First-year Students

	Fall 2010	Fall 2016	Fall 2017	Fall 2020 GOAL
Average SAT	1089	1171	1225*	1245*
Average High School GPA	3.18	3.59	3.54	3.60

\*On the new SAT scale

#### Headcount

	Fall 2010	Fall 2016	Fall 2017	Fall 2020 GOAL
Undergraduate	8,570	10,750	11,148	12,000
Undergraduate from Out-of-state	8.8%	13.2%	12.6%	15.0%
Master's	1,687	2,601	2,701	2,900
Doctoral	627	825	832	850
Online and Continuing Education	1,829	1,917	1,891	1,900
Certificates and Nondegree	1,973	1,764	1,744	1,350
Total Enrollment	14,686	17,857	18,316	19,000
Annual Increase, Total Enrollment	8.0%	2.3%	2.6%	1.5%
Total Full-time Equivalent (FTE) Enrollment	11,345	13,906	14,423	15,000
Annual Increase, Total FTE Enrollment	9.4%	2.1%	3.7%	2.0%

#### Online Education

	AY 2010	AY 2016	AY 2017	AY 2020 GOAL
Online Course Enrollments	16,698	26,834	28,790	38,300
Annual Increase		7.3%	7.3%	10.0%
Online Course Revenue (millions)	\$18.5	\$33.4	\$35.2	\$50.0
Annual Increase		9.1%	5.4%	10.0%

### B. Student Success

#### Degrees Awarded

	AY 2010	AY 2016	AY 2017	AY 2020 GOAL
Bachelor's	1,475	2,333	2,619	2,700
Master's	607	1,037	1,018	1,100
Doctoral	67	137	110	130

#### Student Debt Load of Graduating Class (Undergraduates)

	Fall 2010	Fall 2016	Fall 2017	Fall 2020 GOAL
Average Debt Load	\$24,087	\$31,432	\$32,744	\$30,000

## Retention and Graduation Rates

	Fall 2010	Fall 2016	Fall 2017	Fall 2020 GOAL
One-year Retention Rate of First-year Students	78%	85%	86%	90%
Peers (median)	84%	85%	n/a	
Six-year Graduation Rate	51%	56%	60%	60%
Peers (median)	57%	63%	n/a	
Four-year Graduation Rate of Upper-level Transfers	n/a	64%	65%	70%

## Undergraduate Day Class Size

	Fall 2010	Fall 2016	Fall 2017	Fall 2020 GOAL
Percent below 20	50%	53%	52%	50%
Peers (median)	38%	39%	n/a	

## Honors College

	Fall 2010	Fall 2016	Fall 2017	Fall 2020 GOAL
Total Students Enrolled	403	1,429	1,616	1,800
Proportion of Undergraduate Student Body	5%	13%	14%	15%

## Beyond the Classroom

	FY 2010	FY 2016	FY 2017	FY 2020 GOAL
<b>Experiential Learning</b>				
Professional Co-op Program	83	659	830	950
Research & Community Co-ops	n/a	174	161	200
<b>Residential Experience</b>				
Freshmen Living in Residence Halls	77%	81%	82%	85%
Freshmen Residents in Living-learning Communities	22%	50%	50%	60%
All Residential Students in Living-learning Communities	10%	21%	22%	35%
<b>Employment and Graduate School Outcomes</b>				
Percent Employed or Enrolled in Graduate School*	n/a	95%	94%	95%

\*Through December 31 of graduation year.

## Number of Faculty

	Fall 2010	Fall 2016	Fall 2017	Fall 2020 GOAL
FT Faculty	434	576	616	660
PT FTE	190	179	168	170
Total Faculty FTE	624	755	784	830
Percent of Instruction Capacity by Adjuncts	30%	24%	21%	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"	2016	2020 GOAL
UMass Lowell First-year	87%	88%
New England Publics First-year	84%	
UMass Lowell Seniors	81%	88%
New England Publics Seniors	84%	

## II. GLOBAL ENGAGEMENT AND FOSTERING INCLUSION

### Gender Breakdown—First-time, First-year Students

	Fall 2010	Fall 2016	Fall 2017	Fall 2020 GOAL
Gender Breakdown (M/F)	64/36	60/40	64/36	55/45

### International Students

	Fall 2010	Fall 2016	Fall 2017	Fall 2020 GOAL
Undergraduate	64	478	515	525
Percent of Total Undergraduates	0.6%	3.6%	3.7%	4.0%
Graduate	390	780	759	800
Percent of Total Graduates	11.4%	19.0%	17.6%	18.0%

### Student Demographics

	Fall 2010	Fall 2016	Fall 2017	Fall 2020 GOAL
Undergraduate Students of Color	2,122	3,194	3,497	3,800
Percent	26.0%	32.0%	33.8%	32.0%
Graduate Students of Color	510	767	759	800
Percent	19.0%	25.0%	24.5%	26.0%
Gender Breakdown (M/F)	58/42	61/39	61/39	60/40

### Faculty and Staff Demographics

	Spring 2010	Fall 2016	Fall 2017	Fall 2020 GOAL
<b>Faculty</b>				
Faculty of Color	86	168	182	200
Percent	21.0%	29.7%	29.6%	30.0%
Gender Breakdown (M/F)	64/36	57/43	55/45	53/47
<b>Staff</b>				
Staff of Color	101	183	190	200
Percent	13.1%	16.7%	17.0%	17.0%
Gender Breakdown (M/F)	46/54	44/56	43/57	40/60

## III. INNOVATIVE RESEARCH

### Research and Development

	FY 2010	FY 2016	FY 2017	FY 2020 GOAL
Total R&D Expenditures (millions)	\$59.3	\$68.5	\$69.7	\$80.0
Total Externally Funded Research Expenditures (millions)	\$32.7	\$36.9	\$38.9	\$45.0
Total R&D Expenditures Per Tenure Track Faculty Member	\$162,145	\$159,289	\$156,930	\$155,500
Externally Funded Capital Improvements/Equipment (three-year average) (millions)	\$2.0	\$4.8	\$3.6	

## IV. LEVERAGE OUR LEGACY AND OUR PLACE

### Alumni Participation

	FY 2010	FY 2016	FY 2017	FY 2020 GOAL
Number of Alumni Giving	4,909	9,413	8,872	<b>10,000</b>
Percent Giving	7.6%	12.4%	11.4%	<b>13.0%</b>
Peer Average Percent Giving	6.0%	5.0%	n/a	

### Individual and Corporate Giving (Millions)

	FY 2010	FY 2016	FY 2017	FY 2020 GOAL
Private Funds Raised	\$10.8	\$21.5	\$21.4	<b>\$24.0</b>
Cumulative Campaign Total	n/a	\$84.7	\$106.6	<b>\$125.0</b>

### Total Endowment and Endowment per Student

	FY 2010	FY 2016	FY 2017	FY 2020 GOAL
Total Endowment—Market Value (millions)	\$37.4	\$73.1	\$84.8	<b>\$100.0</b>
Endowment Per Student FTE	\$3,379	\$4,995	\$5,638	<b>\$6,500</b>
Peers (average)	\$6,151	\$10,428	n/a	

## V. ENTREPRENEURIAL STEWARDSHIP

### Financial Health

	FY 2010	FY 2016	FY 2017	FY 2020 GOAL
Total Operating Revenues (millions)	\$171	\$286	\$299	<b>\$347</b>
Annual Growth	9.3%	5.8%	4.7%	<b>5.0%</b>
Total Operating Budget (millions)	\$244	\$418	\$428	<b>\$495</b>
Operating Margin	9.8%	0.2%	2.2%	<b>1.0%</b>
Debt Service Ratio	4.0%	7.5%	7.3%	<b>7.8%</b>

### Facilities

	FY 2010	FY 2016	FY 2017	FY 2020 GOAL
Accessible Buildings on Campus	24%	83%	92%	<b>95%</b>
Classroom Seat Utilization Index	0.391	0.441	0.448	<b>0.475</b>
University Square Footage (millions ft <sup>2</sup> )	3.1	4.4	4.8	<b>4.9</b>

### Sustainability

	FY 2016	FY 2017	FY 2020 GOAL
STARS Points (Sustainability, Tracking, Assessment & Rating System)	70.5	70.5	<b>72.0</b>
STARS Rating	Gold	Gold	<b>Gold</b>
Net GHG Scope 1+2 Emissions MT/1000 Gross SF	6.11	6.33	<b>8.00</b>
Net GHG Scope 3 Emissions, MT per FTE	1.53	1.67	<b>1.76</b>

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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