



Learning with Purpose

UMASS LOWELL 2021 Report Card



MAY 2021

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

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

Faculty Success Committee: Dhimiter Bello,
Chair

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

Graduate Education and Professional
Studies Committee: Luis Falcón, Steve Tello,
Co-chairs

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

Students of Color and International
Students Subcommittee: Sue Kim, Leslie
Wong, Co-chairs

First Year Experience and Onboarding/
Transfer Subcommittee: Kerry Donohoe,
Kerri Johnston, Co-chairs

Experiential Learning Subcommittee:
Greg Denon, Julie Nash, Co-chairs

Mental Health Subcommittee:
James Kohl, Paulette Renault-
Caragianes, Co-chairs

II. GLOBAL ENGAGEMENT & INCLUSIVE CULTURE

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

Equity Climate Committee: Michelle
Haynes-Baratz, Jim Sherwood, Co-chairs

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

III. INNOVATIVE RESEARCH & ENTREPRENEURSHIP

Committee on Innovative Research:
Anne Maglia, Matt Nugent, Co-chairs

Dissemination and External Visibility
Committee: Sukesh Aghara, Christine
Gillette, Co-chairs

Intellectual Property and Technology
Transfer Committee: Xingwei Wang, Chair
Research Infrastructure and Faculty Support
Committee: Matt Nugent, Susan Puryear,
Co-chairs

River Hawk Venture Fund Investment
Advisory Council: Jack Wilson, Frank
Spinola, Co-chairs; Michael Laine, Fund
Managing Director

University Research and Engagement
Centers Committee: Matt Gage, Phitsamay
Uy, Co-chairs

IV. LEVERAGE OUR LEGACY AND OUR PLACE

Economic Development Committee: Derek
Berger, Arlene Parquette, Jack Wilson,
Co-chairs

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

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

Campaign Executive Committee:
John Pulichino, Chair

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

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

Web Advisory Committee: Wael Kamal,
Gerry Nelson, Co-chairs

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

V. ENTREPRENEURIAL STEWARDSHIP

Art, Artifacts and Archives Committee:
Barbara Jean Gilbert, Michael Millner,
Co-chairs

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

Climate Action Plan Committee: Tom
Miliano, Chris Niezrecki, Ruairi O'Mahony,
Co-chairs

Facilities Renewal and Master Planning
Committee: Adam Baacke, Shortie
McKinney, Jean Robinson, Co-chairs

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

Wellness Committee: Brenda Evans,
Joyce McLaughlin, Co-chairs

UMASS LOWELL

2021 Report Card

Rankings and Recognition

ACADEMICS

UMass Lowell has been ranked among the Best National Universities by U.S. News & World Report since 2010 and is one of the top 100 public universities in the United States.

U.S. News & World Report ranks the university's online programs among the best in the nation. The online graduate program in criminal justice is ranked No. 4 in the country, while the online graduate program in education and the online MBA are ranked No. 1 among all New England institutions, both public and private.

UMass Lowell is among the Princeton Review's 2021 Best Online Doctor of Education Programs.

ACCESS AND AFFORDABILITY

Money magazine ranks UMass Lowell as one of the Best Colleges for Your Money.

The Center for First-Generation Student Success designated UMass Lowell as a First-Gen Forward Advisory Institution for the 2020-21 academic year and recognized the university as a model for other institutions across the country.

U.S. News & World Report ranks UMass Lowell among the Best Colleges for Veterans and among the top performers in the nation for social mobility of economically disadvantaged students.

ENROLLMENT

According to The Chronicle of Higher Education, UMass Lowell is the 12th fastest-growing public doctoral university in the country.

LEADERSHIP

For the fourth consecutive year, UMass Lowell has been ranked the No. 1 higher education institution among the Top 100 Women-led Businesses in Massachusetts by The Commonwealth Institute and Boston Globe Magazine.

RETURN ON INVESTMENT

UMass Lowell is ranked No. 1 among public research institutions in New England and No. 30 in the nation for mid-career salaries of graduates by PayScale.com.

The university ranks No. 1 among New England public research universities for graduates' 20-year return on investment by PayScale.com.

SUSTAINABILITY

UMass Lowell ranks No. 16 among more than 280 colleges and universities on the Sierra Club's ranking of Cool Schools, which recognizes the most environmentally friendly campuses in the country.

The Association for the Advancement of Sustainability in Higher Education rated UMass Lowell as No. 1 among Massachusetts colleges and universities for sustainability.

SPECIAL NOTE: The COVID-19 pandemic has affected all areas of the university and many of the metrics in the 2021 Report Card reflect that impact.

I. TRANSFORMATIONAL EDUCATION

Admissions and Enrollment

Selectivity for Full-time, First-year Students

	Fall 2010	Fall 2019	Fall 2020	Fall 2020 GOAL
Average SAT	1089	1232*	1236*	1235*
Average High School GPA	3.18	3.60	3.66	3.60

*On the new SAT scale

Enrollment

	Fall 2010	Fall 2019	Fall 2020	Fall 2020 GOAL
Headcount				
Undergraduate	8,570	11,545	11,309	12,000
Undergraduate from Out-of-state	9%	11%	11%	15%
Master's	1,687	2,738	3,133	2,900
Doctoral	627	870	885	850
Online and Continuing Education	1,829	1,857	1,854	1,900
Certificates and Nondegree	1,973	1,328	1,188	1,350
Total Headcount	14,686	18,338	18,369	19,000
Annual Change, Total Headcount Enrollment	8.0%	0.4%	0.2%	2.0%
Full-time Equivalent (FTE)				
Total FTE Enrollment	11,345	14,721	14,783	15,000
Annual Increase, Total FTE Enrollment	9.4%	0.8%	0.4%	2.0%

Online and Continuing Education

	AY 2010	AY 2019	AY 2020	AY 2020 GOAL
Online Course Enrollments	16,698	31,816	35,615	38,300
Annual Increase		3%	12%	10%
Online Course Revenue (Millions)	\$18.5	\$40.5	\$45.2	\$46.9
Annual Increase		4%	12%	10%

Student Success

Degrees Awarded

	AY 2010	AY 2019	AY 2020	AY 2020 GOAL
Bachelor's	1,475	2,863	2,934	2,700
Master's	607	1,170	1,148	1,100
Doctoral	67	154	172	130

Student Debt Load of Graduating Class (Undergraduates)

	Fall 2010	Fall 2019	Fall 2020	Fall 2020 GOAL
Average Debt Load	\$24,087	\$32,317	\$33,500	\$30,000

Retention and Graduation Rates

	Fall 2010	Fall 2019	Fall 2020	Fall 2020 GOAL
One-year Retention Rate of First-year Students	78%	83%	84%	90%
Peers (Median)	84%	n/a	n/a	
Six-year Graduation Rate	51%	66%	69%	60%
Peers (Median)	57%	n/a	n/a	
Four-year Graduation Rate of Upper-level Transfers	n/a	62%	72%	70%

Undergraduate Day Class Size

	Fall 2010	Fall 2019	Fall 2020	Fall 2020 GOAL
Percent below 20	50%	46%	31%	50%
Peers (Median)	38%	39%	n/a	
Percent 20-29	22%	20%	30%	20%

Honors College

	Fall 2010	Fall 2019	Fall 2020	Fall 2020 GOAL
Total Students Enrolled	403	1,879	1,933	1,800
Proportion of Undergraduate Student Body	5%	16%	17%	15%

Beyond the Classroom

	FY 2010	FY 2019	FY 2020	FY 2020 GOAL
Experiential Learning				
Professional Co-op Program*	83	953	895	950
Research and Community Immersive Scholars	n/a	167	152**	200
Residential Experience				
Freshmen Living in Residence Halls	77%	81%	11%	85%
Freshmen Residents in Living-Learning Communities	22%	51%	31%	60%
All Residential Students in Living-Learning Communities	10%	32%	14%	35%
Employment and Graduate School Outcomes				
Percent Employed or Enrolled in Graduate School***	n/a	94%	n/a	95%

*Only includes co-ops that receive academic credit.

**101 students chose to defer summer 2020 to 2021 and are not included in the FY2020 count.

***Through Dec. 31 of graduation year.

Number of Faculty

	Fall 2010	Fall 2019	Fall 2020	Fall 2020 GOAL
FT Faculty	434	643	627	660
PT FTE	190	164	124	170
Total Faculty FTE	624	807	751	830
Percent of Instruction Capacity by Adjuncts	30%	20%	17%	20%
Student-to-Faculty Ratio	18:1	17:1	19:1	18:1

National Survey of Student Engagement Results: Overall Student Satisfaction*

Percent of students evaluating their entire educational experience as "good" or "excellent"	2016	2019	2020 GOAL
UMass Lowell First-year	87%	82%	88%
New England Publics First-year	84%	83%	
UMass Lowell Seniors	81%	84%	88%
New England Publics Seniors	84%	84%	

*Conducted every three years.

II. GLOBAL ENGAGEMENT AND FOSTERING INCLUSION

Gender Breakdown

	Fall 2010	Fall 2019	Fall 2020	Fall 2020 GOAL
Percent of First-time, First-year Students (M/F)	64/36	61/39	59/41	55/45
Percent of Graduate and Undergraduate (M/F)	58/42	60/40	59/41	60/40

International Students

	Fall 2010	Fall 2019	Fall 2020	Fall 2020 GOAL
Undergraduate	64	445	394	525
Percent of Total Undergraduates	0.6%	3%	3%	4%
Graduate	390	652	614	800
Percent of Total Graduates	11%	16%	14%	18%

Student Demographics

	Fall 2010	Fall 2019	Fall 2020	Fall 2020 GOAL
Undergraduate Students of Color	2,122	4,058	4,224	3,800
Percent	26%	38%	40%	32%
Graduate Students of Color	510	872	972	800
Percent	19%	28%	29%	26%

Faculty and Staff Demographics

	Spring 2010	Fall 2019	Fall 2020	Fall 2020 GOAL
Faculty				
Faculty of Color	86	196	194	200
Percent	21%	30%	31%	30%
Percent of Gender Breakdown (M/F)	64/36	57/43	55/45	53/47
Staff				
Staff of Color	101	229	180	200
Percent	13%	20%	18%	17%
Percent of Gender Breakdown (M/F)	46/54	43/57	44/56	40/60

III. INNOVATIVE RESEARCH

Research and Development

	FY 2010	FY 2019	FY 2020	FY 2020 GOAL
Total R&D Expenditures (Millions)	\$59.3	\$84.0	\$92.2	\$80.0
Total Externally Funded Research Expenditures (Millions)	\$32.7	\$47.9	\$55.0	\$45.0
Total R&D Expenditures Per Tenure-track Faculty Member	\$162,145	\$181,419	\$198,280	\$155,500
Externally Funded Capital Improvements/Equipment (Three-year Average) (Millions)	\$2.0	\$7.0	\$6.3	

IV. LEVERAGE OUR LEGACY AND OUR PLACE

Alumni and Employee Participation

	FY 2010	FY 2019	FY 2020	FY 2020 GOAL
Number of Alumni Giving	4,909	8,278	6,596	10,000
Percent Giving	8%	10%	8%	11%
Peer Average % Giving	6%	5%	5%	
Faculty and Staff % Giving	n/a	45%	31%	48%
National Faculty and Staff % Giving (VSE)*	n/a	12%	17%	

*Voluntary Support of Education Survey

Individual and Corporate Giving (Millions)

	FY 2010	FY 2019	FY 2020	FY 2020 GOAL
Private Funds Raised	\$10.8	\$21.0	\$21.2	\$24.0
Cumulative Campaign Total	n/a	\$143.8	\$165.2	\$150.0

Total Endowment and Endowment per Student

	FY 2010	FY 2019	FY 2020	FY 2020 GOAL
Total Endowment—Market Value (Millions)	\$37.4	\$99.9	\$102.6	\$100.0
Endowment Per Student FTE*	\$3,379	\$6,370	\$6,422	\$6,500
Peers (Average)**	\$6,151	n/a	n/a	

*UMass FTEs used in this calculation

**Excludes Virginia Commonwealth University

V. ENTREPRENEURIAL STEWARDSHIP

Financial Health

	FY 2010	FY 2019	FY 2020	FY 2020 GOAL
Total Operating Revenues (Millions)	\$171	\$326	\$317	\$347
Annual Growth	9%	4%	-3%	5%
Total Operating Budget (Millions)	\$244	\$476	\$483	\$495
Operating Margin	10%	1%	-1%	2%
Debt Service Ratio	4%	7%	7%	8%

Facilities

	FY 2010	FY 2019	FY 2020	FY 2020 GOAL
Accessible Buildings on Campus	24%	96%	96%	95%
Classroom Seat Utilization Index	0.391	0.457*	0.036	0.475
University Square Footage (Millions ft ²)	3.1	4.8	4.9	4.9

*Due to major capital projects involving classroom buildings, this metric experienced significant volatility before stabilizing in Fall 2020.

Sustainability

	FY 2010	FY 2019	FY 2020	FY 2020 GOAL
STARS (Sustainability, Tracking, Assessment & Rating System) Points	n/a	77.56	77.56	72.0
STARS Rating	n/a	Gold	Gold	Gold
Net GHG Scope 1+2 Emissions MT/1000 Gross SF	n/a	6.07	4.9	8.00
Net GHG Scope 3 Emissions, MT per FTE	n/a	1.62	1.27	1.76

Source: Office of Strategic Analysis and Data Management

Current Peers: Georgia State University; University of Maine; University of Maryland, Baltimore County; University of New Hampshire; University of Rhode Island; San Diego State University; Virginia Commonwealth University; University of Wisconsin-Milwaukee



Learning with Purpose

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