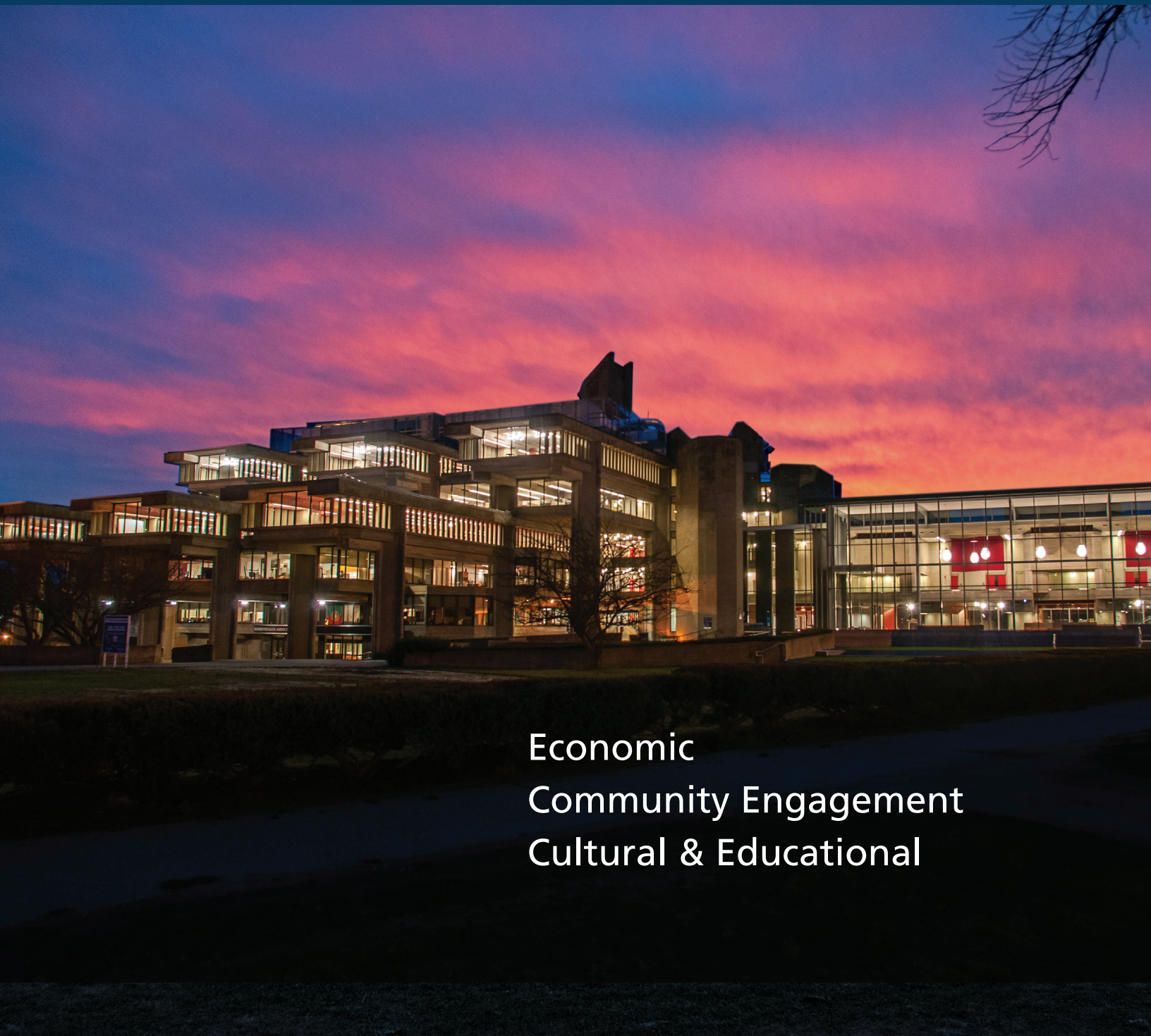




UMass | Dartmouth

COMMUNITY IMPACT

2016–2017



Economic
Community Engagement
Cultural & Educational

ECONOMIC IMPACT

The statewide economic impact numbers are based on UMass Donahue Report for FY2015

\$466 million

Annual statewide impact



\$220 million

UMass Dartmouth economic activity and employment contributions

Ranked top 15%–
#2 in New England

CollegeNet ranks social mobility of graduates from 1,000, 4-year colleges and universities.

Top 26%

Ranked nationally for impact of bachelor's degree on lifetime earnings
~Payscale

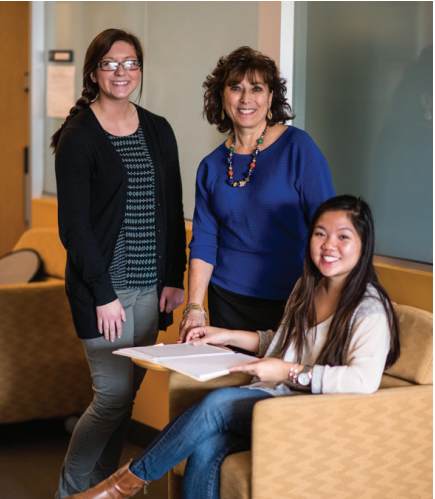
Lifetime salary impact of education

\$1.5 M - High School
\$2.4 M - Bachelor's Degree
\$3 M - Master's Degree

2015 Social Security site

1,391

of UMassD faculty and staff whose salaries circulate throughout the economy



8,916 (2016-17)

of enrolled students spending money in the local economy



Top 20 national ranking for civic engagement

For the fourth straight year, UMass Dartmouth has earned a top 20 ranking in the nation on the President's Higher Education Community Service Honor Roll. A total of 766 institutions were acknowledged by the Corporation for National Community Service (CNCS).

UMass Dartmouth was one of four higher education institutions to be designated a finalist in the economic opportunity category, one of four CNCS categories. The University was also awarded national distinction status in the general community service, education, and interfaith efforts. UMass Dartmouth is one of only two New England institutions to achieve a top 20 ranking.

"From harvesting crops for regional food pantries to creating marketing plans for nonprofits to providing low-cost legal assistance for people at risk, our students and faculty are having an enormous impact on the quality of life beyond the campus," said Dr. Matt Roy, assistant vice chancellor for civic engagement.

UMass Dartmouth students annually perform more than 230,000 hours of community service, valued at nearly \$7 million.

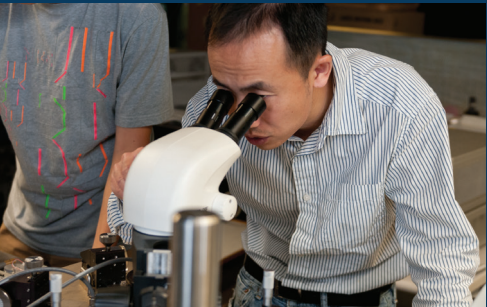
COMMUNITY ENGAGEMENT & SERVICE

UMassD propels innovation

Tiny, but tremendously powerful devices are being designed at UMass Dartmouth's Radio Frequency (RF) Photonics Lab, directed by Dr. Yifei Li, of the Electrical and Computer Engineering Department.

The Naval Underwater Warfare Center (NUWC) in Newport, RI, and other government agencies have shown interest in the technologies developed by the lab, which could help spawn a new, high-tech economy in the SouthCoast region, Li said. "Our unique strength is in our rare capability for seamless technology integration between radio frequency electronics, photonics, and advanced nanofabrications," he said. "Very few research labs, even among those at top-ranked national universities, possess such technological know-how."

The lab's devices range in size from as small as a pen point to as large as the diameter of a pencil eraser—and they harness the power of light and electromagnetic waves to work in fields such as telecommunications and



defense. The RF Photonics Lab has designed and fabricated high-performance devices for radar front end and microwave signal processing applications. "Some of these devices and integrated circuits hold the current records for performance," Li said. That has helped draw attention and funding from the Defense Advanced Research Projects Agency, the Naval Research Laboratory, the Office of Naval Research, and the Air Force Office of Scientific Research. In all, the lab has garnered more than \$2.8 million in highly competitive federal funding since its founding in 2007.

The plan is to establish a new center of excellence for radio frequency photonic devices and integrated systems. The proposed center would address the urgent needs of the Navy in the area of RF photonics research and development, and be instrumental in training Navy engineers in this critical field.

The center could also help push RF photonic technologies closer to commercialization for the booming telecom industry.

Global Internet provider traffic is expected to triple from 2014 to 2019, and solutions developed by the lab could help the backbone optical communication links meet the demand.

Startup companies focused around RF photonics technologies would then be able to create a sustainable high-tech ecosystem, encompassing UMass Dartmouth, defense agencies, and private industries.

"We believe RF photonics could be the pivot of a regional high-tech economy," Li said.

240,000+

TOTAL service hours completed



20,731

hours were completed during the America Reads & Counts program at 14 sites in New Bedford and Fall River



6733

students took part in service-learning opportunities

1,638 legal matters processed by UMass Law's Justice Bridge incubator in 2016

\$5 million

the value of service provided

82%

of Class of 2017 graduated with at least one service-learning experience

10,000

total service hours from the Law School



67%

of students agreed that service learning helped them see other's perspectives and it challenged them to apply their knowledge to real-world problems.

21

UMassD students prepared tax returns for 1,500 families, helping them claim \$2.2 million in tax refunds.

CULTURAL & EDUCATIONAL IMPACT

Free public entertainment

- Theatre performances
- Jazz session series
- Afternoon concert series
- Student recitals
- Distinguished authors and speakers
- International film series
- AHA! Nights, supported by CVPA



1,200 seventh-grade students from New Bedford middle schools toured the UMassD campus and attended interactive academic presentations

195

teachers enrolled in UMassD's initial and professional licensure programs

10,000

meals packed at the 3rd Annual Youth Civic Engagement Summit for local school children



The Rev. Dr. Robert Lawrence looked on as author Mitch Albom (right) moved and inspired an audience of 500 with his message of connecting and caring at the first Lawrence Lecture.

17 exhibits at Star Store and the Campus Gallery by highly regarded artists and CVPA students

22

local middle and high school math and science teachers, who impact **3,000 students**, are benefiting from an NSF Teach! Grant awarded to UMassD that focuses on improving teaching practices

UMass Law focuses on human rights at home

UMass Law opened its fifth law clinic—the Human Rights at Home Clinic in January.

The clinic is dedicated to improving the lives of those in the United States with limited means and who have been marginalized in society. Led by Professor Margaret Drew (pictured above), the clinic provides first-hand, practical experience to UMass Law students as they serve individuals and the community through advocacy.

“Human rights are considered by many to be a foreign concern, but over the past several years, advocates have increasingly raised awareness of human rights needs within U.S. borders,” Drew said. “The deprivation of health, security, housing, and other basic needs that comes with being a target of abuse are human rights concerns.

“The students learn to bring a human rights framework in their service to clients and the local communities with a focus on restoring and maintaining individual dignity.”

Students in the clinic represent survivors of gender violence and transgender individuals who wish to petition the courts for name changes.

The clinic also focuses, in part, on those in the area living with HIV, whose needs were revealed in a study that Drew led in partnership with the College of Nursing.

“Professor Drew is a highly respected leader in the field of domestic human rights, and this clinic can serve as a model for others across the United States,” said Interim Dean Eric Mitnick.

“The clinic will provide much-needed legal assistance for the most vulnerable in our society and provide our students with an excellent, real-life learning experience at the same time.”

