DEGREES & PROGRAMS
BS

EDUCATION
Biology Intensive Orientation Session
Contributors to 4 interdisciplinary MS/PhD degree programs
BioTap, Residential program for first-year honors life science students

STUDENT ORGANIZATIONS
BioSci Club

FACILITIES
Biology Computer Research Center
Central Microscopy
Natural History Collections
Zebrafish Facilities
Vibrating Probe Facility

RESEARCH AREAS
Evolutionary Biology
Physiology
Molecular Biology
Plant Biology
Neurobiology
Ecology

POINTS OF PRIDE
Dedicated teachers who have been nominated and awarded for many teaching awards

Biology Undergraduate Research apprenticeships, an online application system which places students into world-class research labs

HHMI Introductory Biology Labs, a new project in combination with the Howard Hughes Medical Institute redesigning introductory labs into inquiry based labs
BioTap, BioRap and Bios—Residential programs developed to advance the studies and develop communities within the program

Tropical field biology course provides opportunity for students to study in the field

LEADERSHIP & OUTREACH
Paul Katz received a BRAIN grant from NIH to map all the connections in the brain of a sea slug
Tobias Baskin was awarded a Whitman Center Fellowship developing three-dimensional polarized light microscopy
Maura Zimmermann (Ph.D. student in Baskin Lab) was invited to spend Fall 2018 at the University of Adelaide, Australia, measuring respiration in plant roots
Babbitt receives NSF grant for research on brain evolution in humans and chimps
Irshick awarded Chancellor’s Medal and gives distinguished faculty lecture
Healey is the first recipient of the Mahoney Teaching Award
Podos elected President of the Animal Behavior Society
Baskin receives DOE grant to study plant growth
Professor Adler receives a $1 million grant to study sunflower pollen
New website for the UMass Amherst Natural History Collections
Peg Riley joins Board of Alliance for the Prudent Use of Antibiotics

BY the NUMBERS
32 tenure track faculty
14 lecturers
15 postdoctoral fellows
1,397 undergraduate major students
60 graduate students
5 scholarships