2014 Department at a Glance

Points of Pride

Pablo Visconti and Ana Maria Salicioni received national recognition for their research findings on in vitro fertilization. Their research has appeared in leading investigative science journals including: Proceedings of the National Academy of Sciences, and the Journal of Biological Chemistry.

Sandra Petersen is the Executive Director of the STEM Diversity Institute.

Cynthia Baldwin was selected as the 2014 Distinguished Lecturer by the Animal and Cellular Biology Graduate program at the University of Florida.

Barbara Osborne and Lisa Minter were awarded National Cancer Institute grant.

Kathleen Arcaro awarded a grant by Wake Forest University.

Jesse Mager was awarded a grant from the National Institute for Health.

Lisa Minter was awarded a grant from the UMass Innovation Institute.

Kathleen Arcaro was promoted to full professor.

Kimberly Tremblay was awarded tenure and promoted to associate professor.


Editorial boards: Journals of: Andrology; Biology of Reproduction; Cell Death & Differentiation; Cellular Physiology; Endocrinology; Mammary Gland Biology and Neoplasia; Molecular Human Reproduction; Molecular Reproduction and Development; Veterinary Immunology and Immunopathology.

Education

Two majors offered to undergraduates: Animal Science and Pre-Veterinary Science.

Undergraduate majors have 50+ course options; student/faculty ratio is 18:1.

Sixty-six undergraduate students are involved in lab research.


Undergraduate program listed first on IvyWise’s List of best Colleges for Future Veterinarians.

Sixteen members of the Class of 2104 will attend veterinary medical school.

Six members of the Class of 2014 will attend graduate school.

Student & Postdoctoral Scholar Achievements

Lila Grallert, B.S. 2014 was one of only ten undergraduate students selected for the 21st Century Leader Award.

Katie Wilson B.S. 2016 and Chelsey Mullen B.S. 2016 have been selected for early acceptance at Tufts University Cummings School of Veterinary Medicine.

Emrah Ilker Ozay, Ph.D. candidate is the winner of the Global Academic Competition for Life Science Leaders of Tomorrow.

Edwin Murenzi, Ph.D. candidate presented his research on the effects of environmental toxins on rat brains at the Society of Toxicology’s annual meeting.

Maria Gracia Gervasi, postdoctoral scholar received a Lalar Foundation grant.

Catherine McCusker, Ph.D. 2010 research photos were selected for the covers of Disease Models & Mechanisms (June 14) and Regeneration. (Feb. 2014)

Radihika Goenka, Ph.D. 2008 microscopy image was selected for the Journal of Experimental Medicine’s 2014 t-shirt design and the cover of the January issue.


By the Numbers FY13

Tenure-Track Faculty 16

Extension Faculty 1

Research Faculty 3.5

Lecturers 4.75

Postdoctoral Fellows 4

Graduate Students 42

Undergraduate Students 401

Research Awards $7,154,794

Research Areas

• Autoimmune Diseases
• Breast Cancer
• Developmental Biology
• Environmental Toxicology
• Fertility Research
• Infection and Immunity
• Lymphoid Development
• Reproductive Biology
• Stem Cell Biology
• Veterinary Immunopathology

Research Facilities

• Equine and Livestock Research and Education Center at Hadley Farm
• Deerfield Animal Research Center
• Equine Reproductive Facility
• Stem Cell Lab
• Medaka Breeding Lab
• Xenopus Breeding Lab
• Flow Cytometry Core Lab
• Microscopy and Imaging Lab
• Massachusetts Pesticides Lab
• Biosafety Level 3 Facility

THE COLLEGE OF NATURAL SCIENCES
UMass Amherst