

VETERINARY & ANIMAL SCIENCES

POINTS OF PRIDE

- Wei Cui, Ph.D. appointed Extension Assistant Professor and Director of the Animal Models of Disease Center.
- Leonid Pobezinsky awarded \$3.75 million Nonpareil miRNA Accelerator LLC grant.
- John Clark and collaborators awarded \$1,929,114 NIH/NIEHS grant and \$445,000 NIFA/USDA grant.
- Cynthia Baldwin and Janice Telfer awarded \$460,000 USDA grant.

EDUCATION

- 20 from the class of 2017 will attend veterinary medical school; 7 will attend graduate school.
- 4 sophomores selected for early acceptance to Cummings School of Veterinary Medicine at Tufts.
- 1 student participating in new partnership for accelerated DVM with University of Melbourne in Australia.
- 22 students presented research findings at the annual VASCI Science Day.
- Ranked top undergraduate program in Best Colleges for Future Veterinarians by IvyWise.

STUDENT ACHIEVEMENTS

- Felipe Navarrete '10, '17 PhD awarded second place and \$20,000 to expand his research in the Berthiaume Innovation Challenge.
- Sandra Roy '09, '17 PhD awarded the Snoeyenbos Award for Excellence in Graduate Research, Manning Inventor Fellowship and Eugene M. Isenberg Award.
- Felipe Navarrete '10, '17 PhD awarded Frances and Chou Chu Hong, DVM, PhD Graduate Fellowship.

- Sandra Petersen awarded \$438,000 NIH/NICHD grant.
- Kathleen Arcaro and collaborator awarded \$300,000 NIH grant.
- Katie Beltaire taught Pre-Veterinary Medicine to 18 high school students at the UMass Summer Pre-College.
- Maria Gracia Gervasi selected to present poster and Chair the 2017 Gordon Research Seminar on Fertilization and Activation of Development.

DEGREES

- BS - Animal Science
- BS - Pre-Veterinary Science
- MS - Animal Biotechnology and Biomedical Sciences
- PhD - Animal Biotechnology and Biomedical Sciences

STUDENT ORGANIZATIONS

- Pre-Veterinary Science & Animal Science Club
- Animal Science Peer Mentor Group
- NESA - Northeast Student Affiliate of the American Dairy Science Association
- Bay State Livestock Classic
- Undergraduates participated in intercollegiate competitions: the Dairy Challenge, the Northeast Student Affiliate of the American Dairy Science Association, and the Eastern States Exposition.

- Alexandria Wells '21 PhD awarded American Association of Immunologists' Young Investigator Award.
- Sophia Upton '18 awarded the UMass Alumni Association's William F. Field Alumni Scholarship.
- Belted Galloway Management class awarded the Richard C. Anderson Memorial Award at the 2016 Eastern States Exposition.

BY THE NUMBERS FY16

Tenure-track faculty	15
Extension faculty	2
Research faculty	4
Lecturers	5
Postdoctoral fellows	6
Undergraduate majors	406
Graduate students	19
Research awards	\$12.8M

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

- Biosafety Level 3 Facility
- Equine Reproductive Services
- Equine & Livestock Research and Education Center – UMass Hadley Farm
- Flow Cytometry Core Lab
- Massachusetts Pesticides Lab
- Medaka Breeding Lab
- Microscopy and Imaging Lab
- Stem Cell Lab
- UMass Amherst South Deerfield Farm
- Xenopus Breed Lab



