The Department of Veterinary Integrative Biosciences (VIBS) offers graduate degree programs aimed at educating students to advance biomedical science through original research and to disseminate that knowledge for the protection and promotion of animal and human health. The department awards the interdepartmental MS and PhD degrees in Biomedical Sciences (with specialties in Biomedical Genomics and Bioinformatics, Clinical and Translational Sciences, Epidemiology, Infection and Immunity, and Physiology and Developmental Biology). Also managed and awarded by the department are the interdepartmental MS degree in Science and Technology Journalism and the departmental MS degree in Veterinary Public Health-Epidemiology.

Many of the department faculty participate in University-wide graduate training programs in Neuroscience, Reproductive Biology, Genetics, Toxicology, Biotechnology, and Ecology and Evolutionary Biology.

In addition to developing research expertise in their specialty, students have the opportunity to learn anatomy, public health practices, and genomics in a variety of domestic species, wildlife species, and laboratory animals. Training in anatomy spans histology, histochemistry, neuroanatomy, and state-of-the-art interactive laser microscopy. Training in public health emphasizes epidemiology, food safety, food toxicology and control of zoonotic diseases. Training in genomics emphasizes genetics of health and disease, phylogeny of mammalian species, bioinformatics and comparative genomics.

Master of Science in Science and Technology Journalism

The Master of Science in Science and Technology Journalism is a distinctive program to prepare students for careers as science and technology writers, reporters and editors in the public media, government, industry, academia and other sectors. It also can serve as a foundation for doctoral study.

Master of Science in Veterinary Public Health-Epidemiology

The Master of Science in Veterinary Public Health-Epidemiology is designed to serve the needs of veterinarians and those with an interest in public health wishing to go into some aspects of government (state or federal) service, military veterinary personnel seeking advanced training in public health and students with a career goal of academia or research. It can also serve as the foundation for students interested in attending professional school.

Students prepare degree plans that fit their area of study and professional or research goals in consultation with a committee of graduate faculty members led by a faculty mentor/chairperson. The general procedural rules are those specified in this catalog. More details on core course requirements, degree plans, and administrative matters are available in the school’s "Graduate Student Handbook."
Hamer, Sarah A, Associate Professor
Vet Integrative Biosciences
DVM, Michigan State University, 2011
PHD, Michigan State University, 2010

Hartberg, Yasha M, Lecturer
Vet Integrative Biosciences
PHD, Binghamton University, 2016

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Vet Integrative Biosciences
DVM, University of Saskatchewan, 1987

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Vet Integrative Biosciences
PHD, Texas A&M University, 1996

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DVM, Texas A&M University, 1986
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Johnson, Gregory A, Professor
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PHD, Indiana University, 2004

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PHD, Sogang University, 2006

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DVM, Auburn University, 1958
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DVM, Texas A&M University, 2013
PHD, Texas A&M University, 2009

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PHD, University of Cambridge, UK, 2010

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DVM, University of Wisconsin, 1992
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Phillips, Timothy D, University Distinguished Professor
Vet Integrative Biosciences
PHD, University of Southern Mississippi, 1975

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DVM, University of Missouri-Columbia, 1991
PHD, Texas A&M University, 2002

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Rijnkels, Monique G, Research Associate Professor
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PHD, Leiden University, 1997

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PHD, Texas A&M University, 2014

Rusyn, Ivan I, Professor
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MD, Bogomolets National Medical University, Ukraine, 1994
PHD, University of North Carolina at Chapel Hill, 2000

Seo, Heewon, Research Assistant Professor
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PHD, Yonsei University, 2012
Skow, Loren C, Senior Professor
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PHD, Texas A&M University, 1976

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DVM, Texas A&M University, 2008

Taylor, Robert J, Research Professor
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PHD, Texas A&M University, 1987

Venkatraj, Vijayanagaram S, Clinical Associate Professor
Vet Integrative Biosciences
BVSc, Madras Veterinary College, 1979
PHD, New York University, 1992

Welsh, Christabel Jane, Professor
Vet Integrative Biosciences
PHD, London University, 1981

**Masters**


- Master of Science In Veterinary Public Health - Epidemiology (VPHE) and Doctor of Veterinary Medicine (VTMD) Combined Degree Program ([http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/veterinary-medicine-biomedical-sciences/interdepartmental/ms-vphe-dvm-vtmd/](http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/veterinary-medicine-biomedical-sciences/interdepartmental/ms-vphe-dvm-vtmd/))