DEPARTMENT OF VETERINARY PHYSIOLOGY AND PHARMACOLOGY

The Department of Veterinary Physiology and Pharmacology has a rich tradition of excellence in education, research and outreach that impacts both veterinary and human medicine. The department has expertise in toxicology, reproductive science, cardiovascular biology, tissue regeneration and bone biology. In addition, VTPP is the home department for the undergraduate Biomedical Research Certificate (BRC) program, the largest undergraduate research experience program in the country.

The primary research focus areas within the department are extramurally funded, internationally renowned and significantly contribute to improving human and veterinary health. Extensive research collaborations with the Colleges of Agriculture and Life Sciences, Science, Engineering and Education and Human Development, as well as with the Texas A&M University Health Science Center, School of Public Health, Texas A&M AgriLife Research and the Texas A&M Engineering Experiment Station provide exceptional resources that enhance all departmental research efforts.

Our faculty, many of whom are leaders in their fields and key contributors to the scientific and educational literature, are also strong mentors that form the basis for a strong graduate and undergraduate research and education experience. Most importantly, they are accessible, focused and student-friendly with a deep understanding of the art and science of education and research.

Faculty

Bailey, Murl, Senior Professor
Vet Physiology & Pharmacology
DVM, Texas A&M University, 1964
PHD, Iowa State University, 1968

Blue-McLendon, Alice, Clinical Associate Professor
Vet Physiology & Pharmacology
DVM, Texas A&M University, 1989

Chiu, Weihsueh, Professor
Vet Physiology & Pharmacology
PHD, Princeton University, 1998

Davis, Amanda R, Clinical Assistant Professor
Vet Physiology & Pharmacology
PHD, Texas A&M University, 2017

Dawson, Lindsay A, Assistant Professor
Vet Physiology & Pharmacology
PHD, Tulane University, 2014

Dolan, Connor, Research Assistant Professor
Vet Physiology & Pharmacology
PHD, Texas A&M University, 2019

Fajt, Virginia R, Clinical Professor
Vet Physiology & Pharmacology
DVM, Auburn University, 1995
PHD, Iowa State University, 2000

Golding, Michael C, Professor
Vet Physiology & Pharmacology
PHD, Texas A&M University, 2003

Heaps, Cristine L, Professor
Vet Physiology & Pharmacology
PHD, University of Missouri at Columbia, 1999

Herman, James D, Clinical Professor
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DVM, Texas A&M University, 1989
PHD, Texas A&M University, 1995

Ivanov, Ivan V, Clinical Professor
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PHD, University of South Florida, 1999

Kraemer, Duane C, Senior Professor
Vet Physiology & Pharmacology
DVM, Agricultural & Mechanical College, 1966
PHD, Agricultural & Mechanical College, 1966

Laine, Glen A, Regents Professor
Vet Physiology & Pharmacology
PHD, Texas A&M University, 1980

Long, Charles R, Professor
Vet Physiology & Pharmacology
PHD, University of Massachusetts, 1996

Lyons, Luke C, Clinical Assistant Professor
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PHD, Texas A&M University, 2018

Muneoka, Ken, Professor
Vet Physiology & Pharmacology
PHD, University of California at Irvine, 1983

Newell-Fugate, Anne E, Assistant Professor
Vet Physiology & Pharmacology
DVM, North Carolina State University, 2004
PHD, University of Illinois at Urbana-Champaign, 2012

Patterson, Carly A, Clinical Associate Professor
Vet Physiology & Pharmacology
DVM, University of Illinois, 2011

Phillips, Timothy, Distinguished Professor
Vet Physiology & Pharmacology
PHD, University of Southern Mississippi, 1975

Porter, Weston, Professor
Vet Physiology & Pharmacology
PHD, Texas A&M University, 1997

Quick, Christopher M, Professor
Vet Physiology & Pharmacology
PHD, Rutgers University, 1999

Rusyn, Ivan, Professor
Vet Physiology & Pharmacology
MD, Bogomolets National Medical University, Ukraine, 1994
PHD, University of North Carolina at Chapel Hill, 2000
Safe, Stephen H, Distinguished Professor and Regents Professor
Vet Physiology & Pharmacology
PHD, University of Oxford, 1966

Stallone, John N, Professor
Vet Physiology & Pharmacology
PHD, University of Arizona, 1984

Stewart, Randolph H, Clinical Professor
Vet Physiology & Pharmacology
DVM, Texas A&M University, 1983
PHD, Texas A&M University, 1997

Suva, Larry J, Professor
Vet Physiology & Pharmacology
PHD, The University of Melbourne, 1992

Tian, Yanan, Associate Professor
Vet Physiology & Pharmacology
PHD, Rutgers University, 1993

Washburn, Shannon E, Clinical Professor
Vet Physiology & Pharmacology
DVM, Texas A&M University, 1994
PHD, Texas A&M University, 2010

Westhusin, Mark E, Professor
Vet Physiology & Pharmacology
PHD, Texas A&M University, 1986

Yu, Ling, Research Associate Professor
Vet Physiology & Pharmacology
PHD, Nanjing Agricultural University, 2001

Certificates
- Biomedical Research Certificate (http://catalog.tamu.edu/undergraduate/veterinary-medicine-biomedical-sciences/veterinary-physiology-pharmacology/biomedical-research-certificate/)