

CENTER FOR VETERINARY HEALTH SCIENCES

College Administration

Carlos Risco—Dean
Chris Ross, DVM, PhD—Interim Senior Associate Dean
Margi Gilmour, DVM—Associate Dean for Academic Affairs
Jerry Malayer, PhD—Associate Dean for Research and Graduate Education

Campus Address and Phone

Address: 205 McElroy Hall, Stillwater, OK 74078
Phone: 405.744.6651
Fax: 405.744.6633
Website: www.cvhs.okstate.edu (<http://www.cvhs.okstate.edu>)

Doctor of Veterinary Medicine Program

A primary objective of the Center for Veterinary Health Sciences is to educate veterinarians for private practice. In addition, the professional curriculum provides an excellent basic biomedical education and training in diagnosis, disease prevention, medical treatment and surgery. Graduates are qualified to pursue careers in many facets of veterinary medicine and health-related professions.

Accreditation

The College has full academic accreditation status approved by the Council on Education of the American Veterinary Medical Association. Accreditation is based on an assessment of 11 essential factors, namely, the college's organization, its finances, facilities and equipment, clinical resources, library and learning resources, enrollment, admissions, faculty, curriculum, continuing and post-graduate education, and research.

Preparatory Requirements

In preparation for the professional DVM training the student must complete both prescribed and elective collegiate courses. The minimum prescribed preparatory studies, totaling 64 semester hours of undergraduate course work, can be completed in three calendar years. Most of the entering veterinary medical students in recent years have had three to four years of preparatory training, often earning a bachelor's degree.

Admission Requirements

Collegiate course requirements for entry into veterinary medical college may be completed at any accredited university or college that offers the required courses. Pre-veterinary curricula are available at Oklahoma State University through the Division of Agricultural Sciences and Natural Resources and through the College of Arts and Sciences. Both offer programs of study in pre-veterinary medical sciences, which provide for the award of a bachelor's degree after successful completion of the first or second year of veterinary medical studies.

Requests for information on pre-veterinary medical study programs and applications for admission to such programs should be addressed to the dean of either the Division of Agricultural Sciences and Natural Resources or the College of Arts and Sciences.

Listed below are the minimum course prerequisites for consideration for admission to the Center for Veterinary Health Sciences:

English—nine semester hours including six hours of composition and three hours of an English elective. Course work in speech or technical writing is encouraged.

Chemistry—general inorganic chemistry including labs (9 hours); an organic chemistry series (8 semester hours) designed for pre-veterinary and pre-medical students that includes both the aliphatic and aromatic compounds or survey course with lab (5-8 hours); and 3 semester hours of biochemistry.

Physics—Eight hours of general physics.

Mathematics—three semester hours including statistics.

Biological science—16 semester hours. Courses in zoology, general biology, microbiology and genetics are required. All courses, except genetics, must include laboratory work.

Animal Nutrition—three semester hours of the basic principles of animal nutrition, including rumen digestion, absorption and metabolism of the various food nutrients and ration formulation. Courses in human nutrition are not acceptable.

Humanities and social science—six semester hours.

Business electives—although not required, courses in business are encouraged.

The information on admission requirements was current at the time of publication but is subject to change. The admission requirements are under annual review and changes may be made at any time.

Scholarships

The College has scholarships which may be available to matriculating veterinary medicine students; many are based on academic achievement.

Application Process

Admission is competitive and enrollment in veterinary medicine is restricted. Applications for admission must be submitted by September 15th, and a new class enters the College each year at the beginning of the subsequent fall semester.

Applicants who are legal residents of Oklahoma will be given first priority. In addition, a limited number of nonresidents will be selected. Questions about residency should be directed to the Office of the Registrar, Oklahoma State University. Requests for application materials should be directed to the Student Services Office, Center for Veterinary Health Sciences.

Students are admitted as candidates for the Doctor of Veterinary Medicine degree on the basis of records of academic performance in preparatory studies, GRE test, and references to determine personal characteristics and career motivation. Details concerning admissions procedures are available via the Center for Veterinary Health Sciences website www.cvhs.okstate.edu (<http://www.cvhs.okstate.edu>).

The veterinary curriculum extends over four calendar years. The first two academic years conform to the normal semester system of the University. The last two academic years are continuous, with the fourth starting shortly after completion of the third. The fourth year is clinical in nature and classes are primarily in the Boren Veterinary Medical Teaching

Hospital. The fourth year is organized into three-week rotations to provide for lower faculty-student ratio and more efficient use of clinical facilities and resources.

Veterinary Medical Research Scholars

Thanks to opportunities in research for veterinary students at OSU, those receiving degrees can qualify for 'veterinary medical research scholar designation' on the transcript, a valuable designation to achieve. To be considered, the student must:

- For a minimum of two semesters or in full-time summer employment, be engaged in and contribute substantively to research or creative inquiry with a faculty mentor and/or faculty-led team. The supervising mentor may be employed at Oklahoma State University or at another university.
- Present his or her research or creativity project at a state, regional or national conference or juried artistic venues such as art exhibitions, concerts or festivals;
- Publish his or her work or a manuscript related to the creativity product in a refereed research or professional journal (or have it accepted for publication).

Applicants should apply through the Office of the Associate Dean for Academic Affairs, Center for Veterinary Health Sciences and Recognition at least six weeks before the end of their studies at OSU. A committee appointed by the Faculty Council will examine the materials and determine whether or not the candidate will be approved and recognized.

For further information contact the office at 405.744.6595 or email chris.ross@okstate.edu.

Academic Areas

- Veterinary Biomedical Sciences Graduate Program (<http://catalog.okstate.edu/veterinary-health-sciences/veterinary-biomedical-sciences-graduate-program>)
- Veterinary Clinical Sciences (<http://catalog.okstate.edu/veterinary-health-sciences/veterinary-clinical-sciences>)
- Veterinary Pathobiology (<http://catalog.okstate.edu/veterinary-health-sciences/veterinary-pathobiology>)

Graduate Programs

- Veterinary Biomedical Sciences, VBS (<http://catalog.okstate.edu/veterinary-health-sciences/veterinary-biomedical-sciences-graduate-program>)

Faculty

Veterinary Pathobiology

*Jerry Ritchey, DVM, PhD, DACVP—Professor and Department Head

Regents Professors and Endowed Chairs: *Anthony W. Confer, DVM, PhD, DACVP and Walter R. Sitlington Endowed Chair; Clinton J. Jones, PhD, and Sitlington Endowed Chair; *Susan Little, DVM, PhD, DAVPC-Parasitology and Krull/Ewing Endowed Chair

Professors: *Melanie Breshears, DVM, PhD, DACVP; Kenneth Clinkenbeard, DVM, PhD (emeritus); *Jean M. d'Offay, DVM, PhD, DACVM; Richard W. Eberle, PhD; *Robert W. Fulton, DVM, PhD, DACVM (emeritus); Katherine M. Kocan, MSPH, PhD (emerita); *James H. Meinkoth, DVM, PhD, DACVP; *Roger Panciera, DVM, PhD, DACVP (emeritus); Mason Reichard, PhD; *Timothy Snider, DVM, PhD, DACVP

Associate Professors: Tom Oomens, PhD; *Jared Taylor, DVM, MPH, PhD, DACVIM, DACVPM

Assistant Professors: Kelly Allen, MS, PhD; *Craig Miller, DVM, PhD, DACVP; *Akhilesh Ramachandran, BVSc&AH, PhD, DACV

Clinical Professors: *Todd Jackson, DVM, DACLAM; *Theresa Rizzi, DVM, DACVP

Clinical Associate Professors: *Keith Bailey, DVM, PhD, DACVP

Clinical Assistant Professor: *Susan E. Fielder, DVM, DACVP; Yoko Nagamori, DVM; Grant B. Rezabek, DVM, MPH

Associate Research Professor: Edmour Blouin, PhD (emeritus)

Assistant Research Professor: Sahlu Ayalew, PhD

Residents: Rory Chen, DVM; Ryan Kalish, DVM; Maggie McCourt, DVM; Sierra Salopek, DVM; Erin Stayton, DVM

Post-Doctoral Fellows: Kelly Harrison, PhD; Jeff Oster, PhD; Meriam Saleh, PhD; Liqian Zhu, MS, PhD

Graduate Teaching Associates: Nabin Poudel, BVSc; Laximan Sawant, BVSc, MVSc

*Board Certification in Specialty Area

Veterinary Clinical Sciences

*Daniel J. Burba, DVM, DACVS, McCasland Professor of Biomedical Laser Surgery and Interim Department Head

Regents Professor and Endowed Chairs: Kenneth Bartels, DVM, MS, and Cohn Family Chair for Animal Care (emeritus); *Melanie Boileau, DVM, MS, DACVIM, and Clinical Professorship in the Center for Veterinary Health Sciences; *Daniel J. Burba, DVM, DACVS, and McCasland Endowed Chair; *Danielle Dugat, Cohn Family Chair for Animal Care; *Andrew Hanzlicek, DVM, MS, DACVIM, and Kirkpatrick Chair in Small Animal Medicine; *Todd Holbrook, DVM, DACVIM, DACVSMR, and Jack & June Jacobs Chair in Veterinary Medicine; G. Reed Holyoak, DVM, PhD, DACT—Bullock Professor; *Michael D. Lorenz, DVM, DACVIM, and Regents Service Professor (emeritus); *Lara Sypniewski, DVM, DABVP, and Henthorne Clinical Professorship

Professors: *Joseph Alexander, DVM, DACVS (President, CIED) (emeritus); *Kenneth Bartels, DVM, MS (emeritus); *Lionel J. Dawson, BVSc, MS, DACT; *Margi A. Gilmour, DVM, MS, DACVO; *Todd Holbrook, DVM, DACVIM, DACVSMR; G. Reed Holyoak, DVM, PhD, DACT—Bullock Professor; *John P. Hoover, DVM, MS, DACVIM, DABVP (emeritus); *Kip Lemke, DVM, MSc, DACVA; *Charles G. MacAllister, DVM, DACVIM (emeritus); *Mark Neer, DVM, DACVIM (emeritus); *Richard Shawley, DVM, MS, DACVA (emeritus)

Associate Professors: *Robert J. Bahr, DVM, DACVR (emeritus); *Melanie Boileau, DVM, MS, DACVIM; *Mary H. Bowles, DVM, DACVIM (emeritus); *Erik Clary, DVM, PhD, DACVS; *Lyndi Gilliam, DVM, DACVIM; *Nicola Di Girolamo, DVM, MSc, PhD, DECZM; *Andrew Hanzlicek, DVM, MS, DACVIM, and Kirkpatrick Chair in Small Animal Medicine; *Henry W. Jann, DVM, MS, DACVS, DACVSMR (emeritus); *Meredyth Jones, DVM, MS, DACVIM; *John Kirkpatrick, DVM, DABVP (emeritus); Carolyn T. MacAllister, DVM (emeritus); *Gregor L. Morgan, MVSc, PhD, DACT (emeritus); *Michael J. Schoonover, DVM, MS, DACVS, DACVSMR; **Assistant Professors:** *Ryan Baumwart, DVM, DACVIM; *Cara Blake, DVM, DACVS; *Joao Manuel Lemos Brandao, LMV, MS, DECZM; *Danielle Dugat, DVM, DACVS; *Candace Lyman, DVM, DACT; *Shane Lyon, DVM, DACVIM; *Laura Nafe, DVM, MS, DACVIM; *Emily Sharpe, DVM; *Megan Williams, DVM, DACVS

Clinical Professor: *Marjorie Gross, DVM, MS, DACVA (emeritus)

Clinical Associate Professor: *Patricia Cohn, DVM, PhD, DACLAM, *Paul DeMars, DVM, CABVP; *John Gilliam, DVM, DAVBP, DACVIM; *Robert Streeter, DVM, MS, DACVIM; *Lara A. Sypniewski, DVM, DABVP

Adjunct Associate Professors: Wei R. Chen, PhD; Alex Cohen, M.D. PhD; *William Dubois, DVM, DABVP; *Cheryl Lopate, DVM, MS, DACT; *Mark Munson, MD

Clinical Assistant Professors: Kimberly D. Carter, DVM; *Mackenzie Hallman, DVM, DACVR; *Carrie Kuzma, DVM; Katrina Meinkoth, DVM; Sarah Peakheart, DVM

Adjunct Assistant Professors: *Kay Backues, DVM, DACZM; *Jennifer D'Agostino, DVM, DACZM; *Lindsay Donnelly, DVM, MS, DACVIM

Lecturer: Julia Baldrighi, DVM, MS, PhD

Residents: Samantha A. Bailey, DVM, Small Animal Internal Medicine (2018-2021); Kristen Clark, DVM, Small Animal Internal Medicine (2017-2020); Hugh Duddy, DVM, Equine Surgery (2018-2021); Clay Hallman, DVM, Diganostic Imaging/Radiology (2017-2020); Donald Holter, DVM, Small Animal Surgery (2018-2021); Amy Lovett, DVM, Equine Internal Medicine, (2017-2020); Adam Moore, DVM, Small Animal Internal Medicine (2017-2020), Jillian Paegelow, DVM, Equine Internal Medicine (2016-2019); Jane Park, DVM, Small Animal Surgery (2018-2021); Leslie Wagner DVM, Food Animal Medicine (2016-2019); Brian Weaver, DVM, APVP Food Animal (2018-2020); Natasha Williams, DVM, Food Animal Medicine (2018-2021); Alison Wilson, DVM Small Animal Internal (2016-2019); Megan Yanos, DVM, Theriogenology (2017-2020); Jenna Young, DVM, Equine Surgery (2016-2019)

Interns: Kelsey Bailey, DVM, Small Animal Medicine & Surgery; Brittany Cortina, DVM, Small Animal Medicine & Surgery; Conor Doyle, DVM, Small Animal Medicine & Surgery; Alan Glassman, DVM, Small Animal Medicine & Surgery; Emily Guenthner, DVM, Small Animal Medicine & Surgery; Keith Jarrett, DVM, Small Animal Surgery Specialty; Ian Konsker, DVM, Anesthesiology; Anyce Nagle, DVM, Equine Medicine and Surgery; Lauren Schmidt, DVM, Avian Exotics and Zoological

Research Associate: Yurong Liang, BS, PhD; M. Cristina Munteanu, MS, PhD; Pulavendran Sivasami, MS, PhD

Post-Doctoral Fellows: Erin Williams, PhD; Lingyan Wang, BS, MS, PhD; Xiaoyun Yang, PhD

Graduate Teaching Associates: Mallika Achanta, MS; Kalyani Ektate, BVSc; Bhagya Kulasooriya, BVSc; Girish Patil, MVSc; Jennifer Rudd, DVM; Sai Aravindh Sankara-Narayanan, MS; Sri Nandhini Sethuraman, BVSc, MVSc; Mohit Singh, MVSc; Megolhubino Terhuja, U; Joshua VanOsdol, BS; Bo Zhai, MS

Graduate Research Associates: Gayan Bamunuarachchi, BS; Allison Campolo, BS; Austin Ciesielski, MS; Mike Gorbet, BS; Stacey Herriage, BA; Robert Jeyasingh, BVSc; Pramilia Lamichhane, MS; Kirstin Poindexter, BS; Samuel Pushparaj; Roshini Sathiaselalan, MVSc; Ramasamy Selvarani, MVSc; Oluwayemisi Semola, U; Lakmini Senavirathna, BS

Staff: Dallas Karcher, BS; Christopher H. Pivinski, BS; Lana Schler, BS, Erin Langford-LoftisBS

Oklahoma Animal Disease Diagnostic Laboratory

Professor: *Bill J. Johnson, DVM, DACVP (emeritus)

Assistant Professor: *Akhilesh Ramachandran, BVSc&AH, PhD, DACVM

Clinical Associate Professor: *Keith L. Bailey, DVM, PhD, DACVP

Clinical Assistant Professor: Grant Rezabek, DVM, MS

***Board Certification in Specialty Area**

Veterinary Biomedical Sciences Graduate Program

Pamela Lovern, PhD—Associate Professor and Coordinator of Graduate Studies

Physiological Sciences

Martin Furr, PhD—Professor and Department Head

Regents Professors: Lin Liu, BS, PhD (Lundberg-Kienlen Professor of Biomedical Research); Carey N. Pope, PhD (Sitlington Chair in Toxicology)

Professors: James E. Breazile, DVM, PhD (emeritus); Nicholas L. Cross, PhD (emeritus); *Michael S. Davis, DVM, MS, PhD (Oxley Chair in Equine Sports Medicine); Jerry R. Malayer, PhD; *Dianne McFarlane, MS, DVM, PhD (Ricks Rapp Professorship); Charlotte L. Ownby, MS, PhD (emeritus); Chris Ross, DVM, PhD; Alastair G. Watson, BVSc, PhD (emeritus)

Adjunct Professors: David W.A. Bourne, BPharm, MS, PhD; Stephen Brimijoin, BA, PhD; Larry P. Gonzalez, BS, MA, PhD; David Marlin, BSc, PhD; Terence H. Risby, PhD

Associate Professors: Jill Akkerman, DVM, PhD; Guangping Chen, MS, PhD; Myron Hinsdale, DVM, PhD; Veronique Lacombe, DVM, PhD, Diplomate ACVIM, Diplomate ECEIM; James W. Lish, MS, PhD (emeritus); Pamela G. Lovern, BA, PhD; *Lara K. Maxwell, DVM, PhD; Joseph P. McCann, PhD; *Sandra E. Morgan, MS, DVM (emerita); Larry E. Stein, PhD (emeritus)

Adjunct Associate Professors: Joseph R. Bidwell, BSc, MSc, PhD; David R. Wallace, BS, PhD; Guolong Zhang, BS, MS, PhD

Assistant Professors: Shitao Li, PhD; Ashish Ranjan, B.VSc., PhD (Kerr Endowed Chair); Madhan Subramanian, BVSc, PhD

Adjunct Assistant Professor: Terry A. Gipson, BS, MS, PhD

Assistant Research Professors: Chaoqun Huang, MD, PhD; Narasa Raju Teluguakula, BSc, MSc, PhD