

School Resources and Facilities

The UC Davis Setting

The University of California, Davis, lies in the state's Central Valley, 70 miles north-east of San Francisco and 15 miles west of the state capital, Sacramento. The city of Davis has a population of 64,300, which includes the university's student population of 30,360. With about 5,300 acres, UC Davis is geographically the largest of all the UC campuses.

With students comprising about half the city's population, Davis is one of the state's few remaining "college" towns. Known as environmentally aware and socially innovative, Davis boasts more than 50 miles of bicycle paths and more bicycles per capita than any other city in the nation. Quality of life is a high priority in this community, and area residents are closely tied to the university campus. Residents are active in local, national and international political causes, sports, the arts and community organizations.

Davis is surrounded by open space, including some of the most valuable agricultural land in the state. Winters in Davis are mild, and temperatures rarely fall below freezing. Although it hardly ever snows, winter fog and rain are common. Summers are sunny, hot and dry.

The School of Veterinary Medicine, the only veterinary school in the University of California system, is a key component of UC Davis' full range of undergraduate and graduate programs and professional schools, which include medicine, law, education and management.

William R. Pritchard Veterinary Medical Teaching Hospital

The William R. Pritchard Veterinary Medical Teaching Hospital, located in the Health Sciences Complex, serves as the primary clinical teaching setting for professional veterinary students and residents. It also serves the public by offering high quality clinical veterinary services to more than 30,000 patients each year—from the family cat or dog to exotic birds, fish and livestock. Hospital cases support the school's teaching and research programs, while clinical faculty provide the highest quality medical, surgical and diagnostic skills.

Veterinary Medicine Teaching and Research Center

The Veterinary Medicine Teaching and Research Center, Tulare, located in the heart of the nation's dairy industry, offers intensive hands-on training for veterinary students, residents and graduate students in food animal medicine and population health. Services include consultations with local dairy producers and applied research responsive to current trends in food animal medicine and the dairy industry. Several affiliated food safety programs are also based at this center in the largest milk-producing county in the nation.

UC Veterinary Medical Center—San Diego

The UC Veterinary Medical Center—San Diego, a partnership with UC San Diego, enables faculty members from both institutions to collaborate in teaching and research activities and offer specialty services in Southern California. The center offers hemodialysis, nutrition and pharmacy services. Affiliated faculty members also capitalize on regional strengths in wildlife study, zoological medicine and ecosystem health to enhance resident and graduate training as well as collaborations on animal-related health programs.

Computing and Technology Services

All students have access to a collection of software programs and Internet Web sites developed by faculty and staff to complement printed course materials and allow students to study at their own pace. Courseware includes atlases (collections of images to reinforce lecture or laboratory material), laboratory exercises, simulated clinical exercises, reference works and interactive quizzes. Students have 24-hour computer and wireless network access.

Loren D. Carlson Health Sciences Library

The Carlson Health Sciences Library holds essential reference works in medicine, veterinary medicine, biology and other health-related sciences. In addition to a full range of library and reference services, the library provides access to full-text electronic veterinary journals and electronic information resources from online data bases.

Expanded Facilities

Since 2004 the school has completed six new buildings, including a teaching laboratory, a two-story classroom complex and a five-story multipurpose facility as part of a \$354 million long-range facilities plan to modernize infrastructure and provide the best learning environment for students. School officials continue to develop public and private support for programs and facilities that will help to meet California's growing need for veterinarians.



Cell culture is one technique used at the J.D. Wheat Veterinary Orthopedic Research Laboratory to improve the health and welfare of sport horses and companion animals.

Centers of Excellence

Learning and research opportunities are available through collaborative multidisciplinary centers that emphasize species interests or health issues:

- **Center for Equine Health**—promotes research on equine performance, disease, genetics and reproduction.
- **Center for Companion Animal Health**—seeks to improve the health of small companion animals by fostering advanced studies of diseases in dogs, cats and small alternative pets, including inherited conditions, immune disorders, infectious diseases and cancers.
- **Wildlife Health Center**—addresses the health of free-ranging and captive terrestrial and aquatic wild animals. Educational and research programs encompass marine health of the Pacific Northwest, ecosystem health and conservation in Southern California, care for wildlife injured in oil spills, and other complex conservation issues.
- **Center for Food Animal Health**—coordinates resources and faculty research on livestock diseases, foodborne and vectorborne disease problems, diseases that can be transmitted from animals to people, and environmental health aspects of agriculture.
- **California Animal Health and Food Safety Laboratory System**—is a statewide network of four laboratories located in California's top agricultural regions. Faculty and staff perform 1.8 million diagnostic tests each year to control livestock and poultry diseases and enhance health management of food animals, and work to help ensure the safety of foods of animal origin.
- **Center for Comparative Medicine**—investigates the pathogenesis of human and animal disease, using models or naturally occurring animal diseases. The center provides teaching at the professional graduate and postgraduate levels and disciplines such as comparative medicine and mouse biology.
- **Western Institute for Food Safety and Security**—conducts research and training to enhance food safety in all sectors of the food system, from the production environment to the consumer. The institute is a resource for scientific information, innovation and new practices to improve food safety, build protection against intentional harmful acts directed at food systems, and promote economic stability of the food industry.



The Oncology Service at the Center for Companion Animal Health offers patients the most advanced radiation therapy and chemotherapy.



The Claire Giannini Equine Athletic Performance Laboratory features both research and clinical diagnostic treadmills to evaluate horses under exercise conditions.