

Leading Veterinary Medicine, Addressing Societal Needs



School Update – October 2014

NEW FACULTY



Dr. Carrie Finno joined the Department of Population Health and Reproduction as an Assistant Professor of Genetics in July. Dr. Finno received her DVM (2004) from the University of Minnesota, and stayed an additional year to complete an internship in Large Animal Medicine and Surgery. She completed a residency program in Large Animal Medicine and Surgery (2008) at UC Davis and was board certified in the American College of Veterinary Internal Medicine (2008). Dr. Finno completed her PhD (2012) in Comparative Pathology at UC Davis. She joins us from the College of Veterinary Medicine at the University of Minnesota where she was an Assistant

Professor. Dr. Finno's research is focused on companion animal genetics, particularly the genetic and environmental risk factors associated with equine neuromuscular diseases.

Dr. Melanie Gareau joined the Department of Anatomy, Physiology and Cell Biology as an Assistant Adjunct Professor in October. Dr. Gareau received her PhD (2006) in Physiology from McMaster University, Hamilton, Ontario, Canada and a BS (2001) in Biochemistry from McGill University, Montreal, Canada. She joins us from the Department of Medicine, University of California, San Diego where she was an Assistant Adjunct Professor. Dr. Gareau's research focuses on how changes in the composition of the gut microbiota, either by infection, stress, or immune insults, lead to changes in behavior and physiology of the brain.





Dr. Tara Harrison joined the Department of Medicine and Epidemiology as an Assistant Professor of Zoological Medicine in July. Dr. Harrison received her DVM (2000) from Michigan State University and a Masters in Preventive Veterinary Medicine from UC Davis (2002). She completed an internship in zoological medicine at the Toledo Zoo in Toledo, OH and Wildlife Safari in Winston, OR. Dr. Harrison is a Diplomate of the American College of Zoological Medicine (2008) and the American College of Veterinary Preventive Medicine (2014). She joins us from the Department of Clinical Sciences, College of Veterinary Medicine, Michigan State University. Dr. Harrison's research interests are in the areas of viral diseases of exotic canids and felids, neoplasia in felids

and tenrecs, evaluation of treatment methods for neoplasia in captive wildlife, and operant conditioning to accomplish ultrasound, blood pressure monitoring, and blood collection research in anesthetized Amur tigers and snow leopards.

Dr. Meera Heller joined the Department of Medicine and Epidemiology as an Assistant Professor of Clinical Livestock Medicine and Surgery in August. Dr. Heller received her DVM (2001) and PhD in Comparative Pathology (2009) from UC Davis. She completed a Large Animal Medicine and Surgery Internship at the Atlantic Veterinary College (2002) and a residency in Large Animal Internal Medicine at UCD (2005). Dr. Heller is a Diplomate of the American College of Veterinary Internal Medicine – Large Animal (2005). Dr. Heller joins us from the University of Missouri where she was an Assistant Professor of Food Animal Medicine and Surgery. Dr. Heller's research interests are in the areas of innate immunity and juvenile immunity,



especially as they pertain to prevention and treatment of calfhood disease. Her clinical expertise is in internal medicine and surgery of ruminants and swine, with a special interest in goats.



Dr. Timothy Hodge joined the team at the UC Veterinary Medical Center - San Diego in August as a Specialist in Clinical Cardiology. Dr. Hodge earned his DVM in 2007 from Purdue University. He then completed a rotating small animal medicine and surgery internship at the Animal Medical Center of New York, followed by a cardiovascular research fellowship in Columbus, Ohio. He continued his training with a residency at North Carolina State University and passed his specialty certification examination in 2013 to become a Diplomate of the American College of Veterinary Internal Medicine -- Cardiology. After his residency Dr. Hodge relocated to Phoenix, Arizona where he worked as a clinical cardiologist at a busy small animal specialty practice. His expertise lies in

diagnosing and treating cardiomyopathy, valvular disease, arrhythmias, and repairing congenital defects in small and large animals. Dr. Hodge has particular interests in arrhythmia management, minimally invasive interventional procedures, and myocardial diseases.

Dr. Scott Katzman joined the Department of Surgical and Radiological Sciences as an Assistant Professor of Clinical Equine Surgery in July. Dr. Katzman received his Bachelor of Science in Veterinary Science (2002) and his DVM (2004) from the University of Minnesota, St. Paul, MN. He continued his training with an internship in Equine Medicine and Surgery and a residency program in Equine Surgery, both at UC Davis. Dr. Katzman received Diplomate status in ACVS-LA in February 2012. He joins us from the Cleary Lake Veterinary Hospital, Prior Lake, MN where he was an Associate Surgeon and also an Associate Staff Veterinarian in the VMTH. Dr.



Katzman's research interests are in the area of equine lameness and gait analysis. He has established collaborative relationships with faculty in the J.D. Wheat Veterinary Orthopedic Research Laboratory.



Dr. Lillian Cruz-Orengo joined the Department of Anatomy, Physiology and Cell Biology as an Assistant Professor of Neuroimmunology in September. Dr. Cruz-Orengo received her PhD (2006) in Physiology, Neuroscience from the University of Puerto Rico, Medical Sciences Campus, San Juan. She was a Postdoctoral Research Scholar at the Washington University School of Medicine, Department of Anesthesiology (2006-08) and Department of Internal Medicine (2008-14), Saint Louis, MO. She received a BS in Biology, History of Arts from the University of Puerto Rico, Río Piedras Campus. Dr. Cruz-Orengo joins us from Washington University School of Medicine, Department of

Internal Medicine, Division of Infectious Diseases where she was a postdoctoral trainee. Dr. Cruz-Orengo's research focuses on the biological basis of sexual dimorphism in autoimmune disease and on the elucidation of novel therapeutic targets for these diseases.

Dr. Colin Reardon joined the Department of Anatomy, Physiology and Cell Biology as an Assistant Professor of Neuro-immunology in October. Dr. Reardon received his PhD (2008) in Gastrointestinal Science from the University of Calgary, Canada. He received a BSc (2003) in Molecular Biology from McMaster University, in Hamilton, Ontario, Canada. His postdoctoral work focused on mechanisms of immune regulation and repair primarily in the intestinal tract in models of inflammatory bowel disease. Dr. Reardon aided in identifying key components in neural communication to the immune system and how this could alter immune function. This work has formed the basis of his



current research focus. He joins us from the La Jolla Institute for Allergy and Immunology where he was a postdoctoral fellow. Dr. Reardon's research focuses on various aspects of host immune responses. He defines the roles of various players in the adaptive immune system employing well-defined experimental models of human disease.



Dr. Lance Visser joined the Department of Medicine and Epidemiology as an Assistant Professor of Clinical Cardiology in September. Dr. Visser received his DVM and a Master's degree in Comparative Medicine and Integrated Biology from Michigan State University in 2010, completed an internship in small animal medicine and surgery at North Carolina State University in 2011, and a Cardiology residency and Master's Degree in Comparative and Veterinary Medicine at The Ohio State University in 2014. Dr. Visser passed his certification examination for the American College of Veterinary Internal

Medicine, Cardiology Specialty in June 2014.Dr. Visser's research interests are in the areas of noninvasive assessment of cardiac structure and function. Recently, he has characterized several unexplored echocardiographic indices of right ventricular function in the dog.

CURRENT FACULTY RECRUITMENTS

Professor of Genetics (2 positions) Director/Professor CNPRC Professor of Aquatic Animal Medicine Professor of Ophthalmology Professor of Diagnostic Imaging Professor of Microbial Pathogenesis Professor of Infectious Diseases Professor of Clinical Small Animal Medicine (2 positions) Professor of Clinical Diagnostic Imaging Professor of Clinical Zoological Companion Animal Medicine and Surgery (CAPE) Professor of Clinical Diagnostic Microbiology (CAHFS-San Bernardino Lab) Specialist in Cooperative Extension for Urban Agriculture Food Safety

VETERINARY SCIENTISTS ON THE EBOLA FRONTLINE

Beginning in September two veterinary scientists working for the Centers for Disease Control and Prevention (CDC) who received their Ph.D. and DVM degrees from the UC Davis School of Veterinary Medicine traveled to West Africa to work on the front lines of the Ebola outbreak. Professor James MacLachlan, their mentor at UC Davis, says "veterinary researchers like Dodd and Bird with the joint skillset of a DVM and PhD are invaluable in dealing with One Health situations like this Ebola outbreak where emerging and zoonotic diseases have such a devastating impact on global health – a great example for what a veterinary degree can lead to."



Kim Dodd, a current UC Davis combined degree student (Ph.D. '14, DVM '15),

joined her mentor and UC Davis alum Brian Bird in Sierra Leone in early September. Dr. Bird (Ph.D. '08, DVM '09) serves as a veterinary medical officer in the Viral Special Pathogens Branch of the CDC and is now the Lead of the CDC Ebola Field-Laboratory located at an Ebola Treatment Unit in Kenema, Sierra Leone. This field-laboratory supports the international response to this unprecedented outbreak in partnership with the Sierra Leone Ministry of Health, the World Health Organization (WHO) and other international collaborators. The laboratory serves as a regional reference laboratory to provide rapid Ebola testing. The current outbreak in West Africa encompasses five countries with more than 6,000 cases identified and 3,000 deaths to date, more people than the last 38 years combined. Dodd and Bird provide critical testing to identify cases so that rapid tracing of patient-contacts can begin and to reduce the transmission of Ebola within the population. Early and rapid testing is important as the initial clinical signs of Ebola virus infection can be nonspecific and similar to those seen with malaria, lassa fever, or other tropical diseases. Rapid identification of positive cases is essential for referral to Ebola treatment centers, and to send negative cases elsewhere for treatment and follow-up, thus reducing community transmission and control the outbreak.

"ONE CALIFORNIA" AG CAMPAIGN

The school has partnered with the university in a multi-media campaign, "One California," to promote UC Davis's leadership in agriculture and food safety through its College of Agricultural and Environmental Sciences, School of Veterinary Medicine, World Food Center and other programs. Together, we're telling the stories of how veterinarians, food and animal scientists, students and alumni, farmers, ranchers, processors, and others work to keep California's \$45-billion-a-year agricultural industry growing. The campaign will include print/TV/radio features, social media, billboards, events, fact sheets and a web site. For more information: http://www.ucdavis.edu/one/california/

SAFEGUARDING CALIFORNIA'S MILK SUPPLY

The safety of California's dairy products — the state's top agricultural commodity, valued at nearly \$7 billion in annual retail sales — results in part from the efforts of the San Bernardino branch of the California Animal Health and Food Safety Laboratory system. This network of laboratories, headquartered at UC Davis and administered by the UC Davis School of Veterinary Medicine on behalf of the California Department of Food and Agriculture, performs surveillance and diagnostic testing for livestock and poultry.

The San Bernardino laboratory carries out work on milk and dairy products that are submitted by the state's Milk and Dairy Foods Safety Branch. The laboratory's bacteriology section tests for a variety of disease-causing microbes including: *Listeria, Brucella, Salmonella, Campylobacter* and *E. coli* O157:H7. Approximately 1,500 samples of milk, dairy products and water arrive monthly at the San Bernardino laboratory resulting in approximately 4,200 tests conducted by a team of eight technicians. These microbiological assessments monitor bacteria populations and the effectiveness of pasteurization in destroying harmful bacteria in order to safeguard California's milk supply. <u>http://www.ucdavis.edu/ucdavistoday/2014/september/04-ice-cream.html?cp=1</u>

NEW SOUTH VALLEY LAB UNDER CONSTRUCTION

The new 45,000 square foot Tulare branch of the California Animal Health and Food Safety Laboratory System (CAHFS) is currently under construction. This state-of-the-art facility, to be completed in December 2015, will protect the health of California's livestock and poultry populations by providing broad-based surveillance and diagnostic services for



catastrophic animal diseases. The laboratory, part of California's early warning system, safeguards public health from foodborne pathogens, toxins, and diseases common to animals and humans. Designed with an open concept, the one-story building will accommodate current biosafety and biosecurity needs, and provide the flexibility to adopt ever-changing diagnostic technologies.

PARTNERSHIP WITH UNIVERSITY COLLEGE DUBLIN

The University of California, Davis and the University College Dublin have signed an agreement of cooperation to further develop education, research, innovation and cultural links between the two institutions. Dean Michael Lairmore was specifically invited by University College Dublin's School of Veterinary Medicine to participate in the signing ceremony on September 24th at the Irish Embassy in Washington, DC. This agreement builds on the established links between, and internationally reputation of, both institutions--particularly in the areas of agriculture, food and health, and veterinary medicine. http://news.ucdavis.edu/search/news_detail.lasso?id=11037

PHILANTHROPIC SUPPORT – CRITICAL TO ONGOING SUCCESS

Thanks to the generosity of more than 14,000 donors, the school raised \$160 million in philanthropic gifts as part of The Campaign for UC Davis – an 8-year comprehensive fundraising effort encompassing all campus schools, colleges and programs. More than half of this total was directed to research and program support and nearly 20% was used to support students.

The school has long been committed to student support, long before the economic recession and



the growing high student debt of veterinary graduates. Fundraising for student scholarships has been a priority for the last 25 years. In fact, the first student support was received in the early 1950s from the CVMA Auxiliary. This past academic year 745 scholarship or fellowship awards amounting to \$6.5 million were provided to our students. This included \$900,000 from 15 new scholarships.

Private support for the school is critical to the ongoing success of our people and programs, making a real impact in helping the school to advance the health of animals, people and the environment. In 2013-14 philanthropic support for the school reached \$27 million. This year the school has already received \$16 million, including several major gifts, to support the school's oncology, shelter medicine and regenerative cures programs. https://secure.vetmed.ucdavis.edu/public/E_Gifts_vm/

ONE HEALTH SYMPOSIUM

The school hosted the inaugural One Health Symposium on August 24, 2014. Highlighting the wide clinical and research applications of One Health, the event featured presentations from veterinarians and physicians on infectious disease, comparative medicine, international outreach, and more. This public event promoted the concept of One Health and how this approach addresses complex health problems on a platform that recognizes that the health of domestic animals, wildlife, and people are inextricably linked with each other and the environment. The school's faculty works closely with colleagues at the UC Davis School of Medicine on many initiatives that adhere to a One Health approach to medicine.



The symposium included sessions on health issues affecting animals and humans such as emerging infectious diseases, diabetes and cancer, as well as, food and water safety. Food systems are common pathways for endemic and emerging zoonotic diseases. Taking a One Health approach to the production, processing and transport of food is critical to reducing the annual worldwide impacts of illness and death derived from foodborne pathogens.

BIOMEDICAL AND ENGINEERING ENTREPRENEURSHIP ACADEMY

The school partnered with the Graduate School of Management and colleagues in the School of Medicine, College of Engineering and UC Office of Research to offer a unique opportunity for our faculty, graduate students and post-docs working on research with a potential commercialization application. The Biomedical and Engineering Entrepreneurship Academy, a 3-day event held in July, brought together researchers with leading industry executives, investors and entrepreneurs. They discussed current research projects and explored potential marketable opportunities. Topics included:

- Market Opportunity
- Distinctive Competence
- Management Capability
- Financial Understanding Requirements for Business
- Presentation Preparation

An immediate outcome of this academy was realized by two third year veterinary students, Kate Watson and Jamie Peisel, who won First Place and a grand prize of \$10,000 at the inaugural Veterinary Innovation Challenge held at the University Pennsylvania. The team drafted a business plan for their project known as SPEAK, which combines wearable pet technology (a collar with digital display) and a smartphone application to reward owners for more effectively responding to their pets' needs so their pets can live longer, healthier lives. The concept takes advantage of the millennials' interest in video games by creating a system to communicate the unique needs of the pet, when it needs treatment, preventive care or vaccines and a reward system when that care is delivered.



FACULTY AWARDS

School of Veterinary Medicine Faculty Clinical Excellence Award



Dr. Beverley Sturges is recognized for her exceptional commitment to patient care, outstanding clinical instruction for DVM and residency training, and her expertise and achievement in research to advance the discipline of clinical neurology and neurosurgery. Faculty colleagues, students, and residents have described Dr. Sturges as creative in the operating room, with amazing skills and accuracy. She is recognized not only for her expertise, but for her investment in teaching veterinary students and young specialists to excel in their chosen fields of professional interest. As a teacher and mentor she expects her students to be focused, work hard and be dedicated to providing outstanding patient care services. This award was established in order to

honor veterinarians in the school who demonstrate exceptional, sustained, and significant achievements in patient care, clinical instruction, and advancing clinical veterinary medicine. Further, it recognizes faculty whose ability, dedication, character, and leadership contribute significantly to the reputation of the school's clinical programs.

School of Veterinary Medicine Faculty Teaching Award



Dr. Joie Watson is

recognized for excellence in teaching through her sustained efforts in planning, implementing and service to the new professional curriculum; the adoption of and mentoring of others in new teaching

methodologies; and contributions to furthering educational scholarship through the service and leadership to the Teaching Academy. Dr. Watson has embraced the ideals to "develop a curriculum for its students that will set a new standard in veterinary medical education and serve the profession and society well into the future" and worked tirelessly to that end. She carries a substantial teaching load within the DVM curriculum and, along with Geraldine Hunt, has designed and engineered a teambased approach to

student learning in the Comparative Medicine streams.

Zoetis Excellence in Research Award

Zoetis Distinguished Veterinary Teacher Award



Dr. Geraldine Hunt is recognized for her passion, enthusiasm, leadership and innovation in teaching DVM students as well as her leadership in the Small Animal Surgical Service with an

emphasis on working as part of a team and improving the learning environment for both students and residents. Dr. Hunt is recognized and respected by her colleagues for her communication, problem-solving and conflict resolution skills. She is described as a role model for colleagues, residents and students in emulating professional behaviors, listening to all viewpoints on an issue, seeking out feedback, and bringing together people with varying viewpoints to effectively solve problems.



Dr. Dori Borjesson is recognized for the exceptional quality and productivity of her research efforts in regenerative medicine with an emphasis on utilizing mesenchymal stem cells as a therapeutic option for both orthopedic injury (such as bone and tendon damage) and in immunomodulation. Dr. Borjesson and her team are able to generate mesenchymal stem cells from bone marrow, adipose tissue, umbilical cord blood/tissue, and study the effect of these cells on lymphocyte activation. Recent work published in the journal *Stem Cells and Development* has extended this focus to include canine adipose-derived mesenchymal stem cells, where they studied the interaction of these cells with bacterial organisms. This

groundbreaking work is opening up novel therapeutic strategies and generating several ongoing clinical trials. The potential of this work is also recognized by funding agencies, including NIH, who have awarded significant grant funding to support these important studies.

SCHOOL OF VETERINARY MEDICINE DISTINGUISHED SERVICE AWARD



Dr. John Maas is recognized for his outstanding efforts to advance livestock animal health, deliver educational programs on food safety, cattle diseases, nutritional requirements and environmental impacts, and leadership in state and national cattle organizations. Dr. Maas served the veterinary profession for 40+ years with a dedicated focus on livestock animal health, first as a private practitioner, then as a diagnostician with the UCD California Veterinary Diagnostic Laboratory (now CAHFS). In 1993 he joined UC Cooperative Extension and began developing beef cattle outreach programs. An active cattle rancher throughout his life, Dr. Maas is

widely recognized by the cattle industry for his leadership within the industry and his liaison efforts with the scientific and veterinary communities. He provided guidance to develop and implement the National Beef Quality Assurance program that encompasses the contemporary issues of food safety, land stewardship, environmental impacts of cattle operations, along with animal health, welfare and handling. Dr. Maas was also instrumental in educating the entire chain from "farm to fork" which includes beef and dairy producers and management of feed yards, cow/calf operations, auction facilities, hauling and transportation companies, and slaughter facilities.

CAREER NIGHT



The UC Davis School of Veterinary Medicine Career Night, held September 19th, provided DVM and PhD candidates the opportunity to network with practitioners and health care representatives. This hugely successful event was hosted by the school's Career, Leadership and Wellness Center in conjunction with the UC Davis Student Chapter of the AVMA (SCAVMA). This annual event attracts practice representatives from throughout the west coast and affords students the chance to build relationships and set up future externship, internship, and employment opportunities. Similarly, the event exposes students to the diverse range of health care companies and vendors that serve the veterinary field, familiarizing students with the products and services they offer. More than 70 company, practice and government agency representatives and 165 students attended this year's Career Night. This event is held every fall.

NEW ADMISSIONS/STUDENTS WEBSITE

The school's website is extensive and under constant updating and revision providing information on a broad range of programs and initiatives. Most recently a new Admissions/Students website has been created to provide current and future students with advice and guidance on the admissions process, the DVM curriculum, educational goals, teaching facilities and academic schedules. The website also details student resources such as financial aid, career counseling, health and wellness, leadership training and advanced degree educational opportunities – MS, MPVM, PhD and residencies. The website can be accessed from the school's home page or directly at: http://www.vetmed.ucdavis.edu/students/

VMTH CASE OF THE MONTH - OCTOBER



Angel, a 3-year-old female Akita, had been getting progressively inappetant and was experiencing vomiting and diarrhea when she was brought to the teaching hospital. Radiographs and an abdominal ultrasound revealed Angel's uterus was dilated and filled with fluid, an infectious condition known as closed pyometra. Diagnosis of a pyometra is a surgical emergency requiring the immediate spaying of the

dog. Despite Angel's guarded condition, the surgery was successful and after 2 days in the ICU she was able to return home. Angel is a wonderful example of multiple services collaborating to provide her care – community practice, imaging services, soft tissue surgery - and teaching our students and residents hands on clinical practice. <u>http://www.vetmed.ucdavis.edu/whatsnew/article.cfm?id=2985</u>

VETERINARY CENTER FOR CLINICAL TRIALS

School faculty, referring veterinarians, funding partners and pet owners are teaming up to advance animal health through the Veterinary Center for Clinical Trials (VCCT). This national program is dedicated to the accelerated identification and development of diagnostics and therapeutics for the benefit of veterinary and human patients. Current areas of interest for clinical trials include: cardiology, dentistry and oral surgery, genetics, internal medicine, neurology and neurosurgery, ophthalmology, oncology, pain management, reproduction, soft tissue and orthopedic surgery. For specific information on the more than 90 current trials visit our website at:

http://www.vetmed.ucdavis.edu/clinicaltrials/current_trials/index.cfm

Recently a summary of some of the previous clinical trials and their impacts was prepared and posted at: <u>http://www.vetmed.ucdavis.edu/local_resources/pdfs/impact_sheets_pdfs/VCCT_Impacts_Final.pdf</u>

VET MED AT UC DAVIS AGGIE FOOTBALL GAME

The school joined with the UC Davis Aggie Athletics Department to arrange "Vet Med Day" at the September 27th Aggie Football Game. One hundred donors, referring veterinarians, clients, faculty and staff participated in the BBQ, Brewfest and attended the game. The event also featured a booth at the game to promote the teaching hospital's small animal and large animal community practice services. "Pint," a Nova Scotia duck tolling retriever, has been retrieving the tee after every Aggie kickoff since 2012, helping out the



team, and promoting the school. The 3-year-old "Pint" belongs to Danika and Michael Bannasch, who are both affiliated with the school. It was a great way to promote the school and thank our community for their support.

LOST FISHING GEAR PROJECT



The California Lost Fishing Gear Recovery Project, a program of the SeaDoc Society which is part of the school's Karen C. Drayer Wildlife Health Center, has been operating since 2005. Millions of pounds of Dungeness crab are pulled in each year from Morro Bay to the California-Oregon border, making for an industry valued at \$32-95 million each year. But in the process, many thousands of crab pots and miles of fishing line are lost at sea, littering the ocean floor and creating hazards for marine life. As lost fishing gear is recovered, it is sold back to the fishermen to help fund the project's costs and encourage participation by the fisherman. In recent years the fishermen themselves have been taking the lead

to mobilize participants, identify and return the gear and conduct the transaction of funds. This project has been a win-win-win all the way around – cleaning up the ocean, making the coastal waters safer for marine life and divers, and providing economic incentives for the fishermen. http://news.ucdavis.edu/search/news_detail.lasso?id=11028

MURRAY FOWLER CELEBRATION OF LIFE EVENT

On Thursday, October 9th colleagues, family and friends gathered at the Sacramento Zoo for a special celebration of the life and contributions of the late Dr. Murray Fowler. Sponsored by the Zoo, the School of Veterinary Medicine, the American Association of Zoo Veterinarians and the American College of Zoological Medicine, more than 200 participants gathered to share memories and stories of their colleague and mentor. Dr. Fowler is credited with changing the face of veterinary medicine for nondomestic animals and is fondly remembered as the father of zoological medicine. We were fortunate to have him as a member of our faculty for 33 years. After his retirement from the university he continued to be actively involved with the Zoo, his professional societies and continued to publish and give lectures. Many tributes have been written about Dr. Fowler, the school's remembrance is posted at: http://www.vetmed.ucdavis.edu/whatsnew/article.cfm?id=2910

UPCOMING CONTINUING EDUCATION OFFERINGS

- October 17-18 Ophthalmology Symposium, Monterey, CA
- October 17-19 Primary Care Veterinary Educators World Symposium, UC Davis
- October 25-26 Advanced Oral and Maxillofacial Surgery Symposium, Lake Tahoe and UC Davis
- November 2 Year in Review, San Francisco SPCA
- November 7-9 Donkey Welfare Symposium, UC Davis
- November 14-15 9th Annual Veterinary Neurology Symposium, Monterey, CA
- Full CE Schedule: http://www.vetmed.ucdavis.edu/CE/