

Strategic Plan: Progress Actions

April – June 2019

The School of Veterinary Medicine Strategic Plan was developed to evolve and refine the direction of the school to meet its stated mission, vision and goals. The plan is supported by the Principles of Community established by the University of California, Davis, which articulates the values and principles by which the UC Davis School of Veterinary Medicine conducts its mission. The plan can be found at <https://www.vetmed.ucdavis.edu/strategic-plan>.

This report summarizes the progress actions across the school from April through June, 2019.

GOAL 1: EDUCATE WORLD LEADERS

Strategy 1.1. Promote Faculty and Staff Engagement in Career Development Programs and Best Practices for Educators



Strategy 1.1. Professional Education:

Representatives of Washington State University and UC Davis engaged in discussion in a session of the Teaching Academy of the Consortium of West Region Colleges of Veterinary Medicine (RTA) at the 2019 Biennial Meeting hosted by UC Davis June 25th through 27th. The theme of the conference was “The Cognitive Integration of Basic and Clinical Sciences – Beyond the Buzzwords.”

Professional Education: Hosted 4th Biennial Meeting of the Teaching Academy of the West Region Consortium of Veterinary Colleges. <https://teachingacademy.westregioncvm.org/2019-conference-overview/>

Highlights:

- Keynote Workshops led by internationally recognized medical educators: “The Cognitive Integration of Basic and Clinical Sciences – Beyond the Buzzwords.” Drs. Nicole Woods, Maria Mylopolous, Kulamakan (Mahan) Kulasegaram from The Wilson Center at the University of Toronto

- Educational Scholarship: 8 presentations & 6 poster sessions
- Teaching Innovations: 12 presentations & 5 poster sessions
- Wellness – for students & faculty. Living between the lines: Life, Work, and Well-being
- Reports from the RTA's collaborative approaches to shared educational challenges.
- Brainstorming and planning for a new initiative.
- Also 2 Pre-conference Workshops for Faculty Professional Development: VETS 1.0 and 2.0
- Instruction provided by the faculty development working group of the RTA. We had 14 participants in the VETS 1.0 and 8 participants in the VETS 2.0 from each of our 5 original member colleges.
- This year we welcomed new member College Midwestern University. Two of their faculty participated.

Administration: Assistant Dean Mary McNally concluded four years of service as the co-chair of the campus Course Materials and Services Committee.

Strategy 1.2 Promote Dynamic, Up-to-Date Curriculum and Training Programs to Foster Educational Goals and Career Opportunities

Admissions and Student Programs: Confirmed COSMOS Leader (Dr. Damian Genetos) and revamping of curriculum.

Strategy 1.3 Establish and Maintain Programs and Strategies that Promote a Diversified Professional Community

Strategy 1.3. CEH:

Hosted the first week of the UC Davis Pre-college Equine Science Program June 17-21, 2019. Thirty-three high school students from across the country enrolled in this experience-based program, led by Animal Science professor Dr. Amy Mclean, which covers a broad range of topics related to horses. Six of our teaching herd horses were selected for hands-on activities, including measuring body condition scores, learning how to bandage legs, and evaluating



conformation and gait. The students even had the opportunity to spend a morning with the reproduction service to experience firsthand what it is like to be an equine veterinarian.

Admissions and Student Programs:

Selected and matriculated underrepresented students into 2 outreach/pipeline programs:

- High School program = Summer Math and Science Honors (SMASH), June 24-Aug 26
- Undergraduate program = Summer Enrichment Program (SEP), June 27-Aug 2

Hosted UC Merced and Fresno State at campus, April/May

Hosted Future Day (HS students from area schools; Sac/Yolo Counties), April

Provided workshops for a diverse group of UC Davis pre-vet students, June 24-28

CEH: Hosted candidates for the Assistant/Associate Professor of Equine Medicine Field Service Faculty position.

VIRC: VIRC members Dr. Amir Kol and Dr. Kent Leach hosted summer STAR program students to train in regenerative and translational medicine basic science.

Advancement: Communications co-led with the Graduate School of Management the marketing of the new Foundations of Veterinary Business Program, successfully filling all available spaces under budget and before the enrollment deadline.

Strategy 1.4 Implement Multiple Strategies to Reduce Educational Debt for Professional Degree and Graduate Students



Strategy 1.4. Advancement:

Dr. Michael Floyd is surrounded by more than 60 student award recipients of the Floyd Tuition Support Fund and the Whitney (Dr. Joy) Engler Memorial Financial Assistance Fund at the school's 2019 Evening of Gratitude event.

Advancement: In April, the school celebrated the impact of scholarships and fellowships at its annual Evening of Gratitude, a special occasion that brings together donors and student award recipients. Students received more than \$7.2 million in support this year, thanks to the generosity of individual, association and corporate donors. The school is a leader in providing scholarships and fellowships, helping to reduce the financial burden on the next generation of veterinarians.

CLaW:

The Student Programs Office reexamined the scholarship award distribution process and made realignment changes that will be implemented in the 2019-2020 academic year. This change will maximize funding to all students and help reduce student debt. There will be more awards dispersed to students their senior year versus when they graduate which had tax implications for them.

VET440 (Doctoring Course) – held two half-day Debt Management/Loan Repayment Sessions for all 3rd year students entering their clinical year. Outside loan repayment specialists from VIN as well as a member from our Student Accounting Office on campus gave presentations.

Held four Exit Counseling Workshops for 4th year students.

Added outside scholarships to our VetMedJobs online job board system making it easier for students to identify and apply for veterinary specific scholarships.

Held a Phi Zeta Award Ceremony.

Drip.Vet, a financial literacy platform, has been funded and will kick off in the fall to all DVM students

CEH:

Awarded CEH GSSP Fellowship to support 1-year of graduate funding to Anna Dahlgren. Dahlgren is working with Drs. Fern Tablin and Carrie Finno in the UC Davis Integrative Genetics and Genomics Graduate group to analyze the underlying genetic basis of Atypical Equine Thrombasthenia (AET).

Awarded STAR Fellowship to support summer research training for Natalia Sachs in Dr. Susan Stover's laboratory. The project is entitled, "Malarticulation of the fetlock joint as a possible mechanism for catastrophic fracture of the proximal sesamoid bones".

Secured a \$50,000 gift to use toward PhD student support.

Aurora Pharmaceutical donated \$12,231 towards student, graduate student and resident teaching, research and travel.

CEH & VIRC: Awarded a \$25,000 grant from the Pflieger Foundation for support of a Master's student in the Veterinary Institute for Regenerative Cures.

GOAL 2: LEAD IN INNOVATION

Strategy 2.1. Promote Innovative Multi-Disciplinary Collaborations to Address Societal Needs

CCAH: The CCAH in conjunction with the Koret School of Veterinary Medicine at the Hebrew University of Jerusalem funded five joint collaboration research grants totaling almost \$125,000.

Strategy 2.1. Global Programs/ Advancement:

Global Programs and the communications team partnered to create a video for program awareness and donor engagement that highlights the societal impacts of summer experiences and the Knight's Landing clinic. <https://www.youtube.com/watch?v=W9oucyzSteM&feature=youtu.be>



Advancement, VIRC, CEH, Behavior, Integrative Medicine: The Office of Advancement held the annual Spring Showcase event for the Dean's Leadership Council and members of the Shields Society, Dean's Circle and Heritage Society for Animals, where we highlighted translational medicine and one health innovations and awarded the El Blanco Award to Anna Zankel and the Fango Fund. Over 100 donors from throughout the UC Davis campus attended the annual event.

Tulare: Drs. Sharif Aly and Terry Lehenbauer are sharing data and collaborating with research geneticists at the USDA Animal Genomics and Improvement Laboratory in Beltsville, Maryland to gain new insights into genetic factors associated with bovine respiratory disease in dairy cattle.

VIRC: Drs. Jamie Peyton and Natalia Vapniarsky-Arzi were recipients of The Innovative Development Award and the STAIR award to fully evaluate the role of fish skin for tissue regeneration and wound healing.

CEH:

Hosted two booster sessions with returning participants (April 1 & 8, 2019) and three sessions with new participants (April 29, May 6, 13, 2019) as part of the Connected Horse Dementia Project.

With support from CEH Draft horse research, Dr. Finno traveled to Michigan to perform serum sampling and muscle biopsies of a herd of vitamin E deficient Percherons to assist with a farm investigation of muscle atrophy and weakness on April 1st. Horses were diagnosed with vitamin E deficient myopathy and are making a full recovery with targeted supplementation.

Dr. Finno and CDFA veterinarian Dr. Flynn traveled to Los Angeles to meet with USDA representatives and equine import agents. Regulatory mechanisms and disease screening plans for the importation of horses into the U.S. were discussed and potential studies proposed for the fall of 2019.

Global Programs: The Office for Global Programs awarded \$56,020 in funding to fourteen 1st and 2nd year veterinary students through our Global Feline Health and Underserved Communities Fellowship and International Summer Externship programs. These students are engaged this summer in collaborative research projects and externships in Tanzania, Thailand, Indonesia, Namibia, Australia, Taiwan, United Kingdom and the Cook Islands. In addition, senior veterinary students conducted approved global externship experiences this quarter in England, Japan, Dominican Republic, New Zealand, Canada and Australia. (Also relevant to Strategy 2.2)

Advancement: Communications earned media coverage and social engagement by creating an article on standing PET research and directing PR pitches to mainstream media horse racing beats. <https://www.vetmed.ucdavis.edu/index.php/news/uc-davis-pet-research-improve-racehorse-safety-and-welfare>

Strategy 2.2. Enhance Research Training and Experiential Opportunities for Clinician-Scientists, Residents, Veterinary Students, and Graduate Students



Strategy 2.2. Global Programs:

The Office for Global Programs conducted a workshop and one-on-one training on travel safety and security and cultural awareness for all veterinary students with approved global projects and externships, as well as provided training on how to create videos about their experiences.

Administration: Worked with ORGE and OR staff to organize ACCD (campus-wide) support for the T32 training grant for the VSTP.

CCAH:

The CCAH was pleased to continue providing support to SVM residents by funding seven resident research grants and two STAR projects totaling over \$40,000.

The CCAH supported faculty research, which directly impacts companion animal health by funding 16 equipment grants totaling \$143,000, 6 research grants totaling \$106,000 and 1 shelter medicine grant totaling \$128,000. [Also supports Strategy 2.3]

CEH: Hosted Dr. Kenneth H. McKeever, a professor in the Department of Animal Sciences at Rutgers University and Associate Director of the Rutgers University Equine Science Center, for a lunchtime talk on June 10, 2019. Dr. McKeever presented on “The Effect of PD Inhibitors on Pulmonary Artery Pressure in Race Fit Standardbreds” and met with SVM faculty before and after the presentation.

Tulare:

VMTRC Faculty members are hosting 9 international visiting scholars who are participating in research, furthering their experience and education.

Faculty and graduate students presented research summaries at the American Dairy Science Association (ADSA) 2019 Annual Meeting – Attracts more than 1,900 dairy foods and production specialists with common but diverse interests in the future of dairy science.

ADSA participation:

- Dr. Heidi Rossow – National Animal Nutrition Program (NANP) Nutrition Models Workshop – “Molly” (dairy cow nutrition simulation model) and other dynamic models: Lecture and exercises
- Dr. Fernanda Ferreria presented: Economics of embryo transfer use to improve reproductive performance during heat stress.
- 6 Graduate students presented abstracts. Dr. Rossow is the mentor for 4 out of the 6. Dr. Silva del Rio is the mentor for 2 out of 6.
- The VMTRC 3rd year DPM resident, Dr. Wagdy El-Ashmawy presented and won first place at the oral competition for his MPVM research.

Strategy 2.3. Enhance Shared Resources that Support Clinical, Basic, and Translational Science



Strategy 2.3. VMTH:
The VMTH added new equipment to enhance its Ophthalmology Service’s capabilities to diagnose and treat diseases more efficiently. Here, Monica Motta, RVT, assists Drs. Sara Thomasy and Kathryn Good (left to right) in performing a digital slit lamp photography examination. <https://www.vetmed.ucdavis.edu/index.php/news/improving-animal-vision>

VCCT: The VCCT added a clinical trial coordinator supervisor and opened additional clinical trial coordinator positions to run our veterinary clinical trials more efficiently.

CCAH: Four papers were published through the CCAH granting process:

- Characterization of antiviral T cell responses during primary and secondary challenge of laboratory cats with feline infectious peritonitis virus (FIPV) (*BMC Veterinary Research*)
- Efficacy and safety of the nucleoside analog GS-441524 for treatment of cats with naturally occurring feline infectious peritonitis (*Journal of Feline Medicine and Surgery*)
- Cardiorespiratory effects of variable pressure thoracic insufflation in cats undergoing video-assisted thoracic surgery (*Veterinary Surgery*)

- Determination of Total Mercury and Methylmercury Concentrations in Commercial Canine Diets (*Topics in Companion Animal Medicine*)

CEH:

Supported the purchase of a functional electronic stimulator (FES) for use in layup and rehabilitation programs.

Purchased PiaVet electronic monitoring devices for the Center for Equine Health and Large Animal ICU. “A fit bit for horses”, the non-invasive Piavet Measuring Device attaches to a belt that is placed around the horse like a surcingle. The device records vital signs including ECG, heart rate, RR intervals, activity, body core temperature, respiration rate, and breathing pattern, providing instant access to real-time values, as well as opportunities for remote monitoring. The AI-based automated tools provide instant insights into irregularities in a patient’s recordings. The availability of this technology at CEH and the VMTH promises to benefit patient care and provide unique opportunities for research applications.

Continued full support of equine PET lease for the VMTH and research purposes.

Effectively recruited funds for partial support of an equine fluoroscopy unit.

CEH Enduring Legacy Endowment funds were used to support continuing care for a 3.5 week old filly that was diagnosed with severe enterocolitis. This case was a particularly valuable learning opportunity for the equine resident and brought about constructive discussion during rounds with students and faculty.

Opened the 2019 call for proposals for the Center for Equine Health grant program on June 1, 2019.

Partnership established with Platinum Performance to perform nutrigenomic investigations using the CEH Teaching Herd.

Strategy 2.4. Promote Impact of School’s Research to Enhance Recognition and Influence Policy and Stakeholder Engagement

Strategy 2.4. CCAH and CEH:

In coordination with Advancement Communications, CCAH published the [Spring 2019 issue of CCAH Update](#) and CEH published the [Spring 2019 issue of the Horse Report](#).



Tulare:

Drs. Clothier and Lehenbauer participated in the foundational development meeting on May 14-16 for planning future directions and priorities for the National Institute of Antimicrobial Resistance Research & Education in Ames, Iowa.

Drs. Lehenbauer, Okello and Rowe participated in the CDFA Antimicrobial Use and Stewardship (AUS) Expert Workgroup to develop CDFA AUS Judicious Use Guidelines for medically important antimicrobials in livestock.

Dean:

The dean participated in the American College of Veterinary Internal Medicine conference, June 5 – June 8.

The dean participated in the CVMA Joint Board and House Meeting + PacVet, June 21 – June 24.

GOAL 3: PROVIDE CUTTING-EDGE CLINICAL PROGRAMS

Strategy 3.1. Enhance the Veterinary Medical Center (VMC) Services to Promote an Unmatched, Compassionate Patient Care and Client Experience



Strategy 3.1. Advancement:

Alumnus Dr. John Zimmerman pledged a gift to support the Livestock and Field Services Center, a major component envisioned as part of the UC Davis Veterinary Medical Center. In recognition, a naming opportunity honors his remarkable career through the John E. Zimmerman, DVM, Sonoma Marin Veterinary Service open workstation—where faculty, residents, staff and students will work together, helping train tomorrow’s veterinarians while providing excellent care.

VMTH:

A volunteer program has been successfully implemented which improves client service and supports our hospital staff.

The VMTH is opening a call center in August which aims to provide an optimal client experience as well as improve workflow within the hospital.

Hospital implementing new PACS system that provides cutting-edge clinical, teaching, and research imaging functions for clinicians, students, faculty, staff, referring veterinarians, and clients. Article: <https://www.vetmed.ucdavis.edu/index.php/news/hospital-improves-imaging-communication-technology>

Advancement: The Office of Advancement held several events focused on the VMC and closed several gifts towards the capital campaign.

Strategy 3.2. Support Veterinary Medical Center (VMC) Programs that Promote a Culture of Collaboration, Excellent Educational Experiences, and Innovative and Effective Clinical Care

Strategy 3.2. VMTH/Advancement:

Bobby, a 12-year-old miniature Schnauzer, can see again thanks to a collaboration between Ophthalmology, Anesthesia, and Cardiology. They successfully treated his cataract despite his systemic heart issue causing problems while under anesthesia, which earned Bobby a spot as Communications' June "Case of the Month." The surgery could not have been performed anywhere else in California. <https://www.vetmed.ucdavis.edu/news/collaborative-effort-helps-dog-see-again>



VMTH: The VMTH has continued to work with Partners in Leadership and has moved into phase 2 of the new culture initiative.

San Diego: The UCVMC-SD, in collaboration with the VMTH and FARAD, established a Fellowship in veterinary clinical pharmacy.

VIRC:

Drs. Aijun Wang and Bev Sturges enrolled one new patient in a clinical trial for English bulldogs born with spina bifida that uses a novel regenerative medicine approach to help dogs born with this disease.

Dr. Boaz Arzi enrolled four new feline patients to supply novel regenerative medicine treatments to help heal and cure patients with feline chronic gingivostomatitis (FCGS).

Dr. Karen Vernau enrolled one new patient in a clinical trial for inflammatory brain disease.

Strategy 3.3. Advance Veterinary Medical Center (VMC) Facility Plan, Operations and Infrastructure

VMTH: The All Species Imaging Center has been moved to Phase 1 of the VMC plan where it is now the focus of activity, in addition to several ongoing VMTH renovation projects. These include completion of the large animal support facility, moving and updating the VMTH laundry facility, and renovation of the feline ward to create a cat specific housing and a cat-only treatment room.

Strategy 3.4. Promote Expertise, Program Breadth and Innovation for Reputation and Philanthropic Success

In collaboration with internal partners
and through support of our donors, the school raised
a total of **\$49,320,533** in the **2018-19** fiscal year.



In a visit to partner university Pontificia Universidad Catolica de Chile, the dean received a tour of the Salmon Chile facility. Chile is a world leader in salmon production, in part because the MPVM program has generated important research through its Chilean connections regarding maintaining health in farmed salmon populations.

Dean:

In a visit to Pontificia Universidad Catolica de Chile (March 29 – April 9) – Dean Lairmore continued to build the relationship with the university, signed an MOU and provided 3 talks on “Role of Veterinarians in Global Health from Food Security to Disasters Preparedness and Management”, “Role of Veterinarians in Disaster Recovery” and “Partnerships in Food Safety and Security.” He also gave a CNN Chile interview, attended the OIE Global Conference on Aquatic Animal Health and received a tour of the Salmon Chile facility.

In a visit to the Royal Veterinary College (April 25 – May 6) – Dean Lairmore gave a talk on “One Health” and received Honorary Fellow of the Royal Veterinary College.

Dean Lairmore met with Waltham Centre for Pet Nutrition as an add-on to RVC visit

Dean, Advancement and various programs: Hosted Spring Showcase for the Dean’s Leadership Council and Heritage Society, featuring VIRC, CEH, Clinical Animal Behavior and Integrative Medicine. Dr. Boaz Arzi gave the keynote address during this year’s Spring Showcase 2019 highlighting the accomplishments and necessity of regenerative medicine for both animals and humans.

VMTH & Advancement: Promoted Faithful Partner Fund through storytelling of successful cases of treating K9 patients. <https://www.vetmed.ucdavis.edu/index.php/news/uc-davis-veterinarians-successfully-treat-k9-officers-mysterious-illness>

Advancement/CCAH/CEH: In separate sessions with CCAH and CEH, Communications collaborated to strategize for more effective communications. An action item is to increase the reach of publications by increasing client subscriptions and cross-promoting existing publications to other subscription lists.

CEH:

Dr. Finno attended the [ACVIM Forum](#) in Phoenix, AZ June 6-8, 2019 where she presented on “Identification of a Putative Genetic Mutation for Idiopathic Hypocalcemia in Thoroughbred Foals”, “Atypical Equine Thrombasthenia in the Thoroughbred”, and “Validation of an Antemortem Diagnosis for Equine Neuroaxonal Dystrophy”. All three studies were funded by the UC Davis Center for Equine Health. Dr. Lisa Edwards presented an abstract entitled, “Phosphorylated neurofilament heavy subunits as an antemortem biomarker in equine neurodegenerative diseases” and was awarded the 2019 ACVIM Resident Research Award for Equine. Dr. Edwards also received a travel grant from ACVIM to attend the 2019 conference.

CEH-supported Research Seminars were presented at the ACVIM Forum:

- Dr. Emily Berryhill – “Pharmacokinetics of maropitant citrate after oral administration of multiple doses in healthy adult horses”
- Dr. Emily Schaefer – “Comparison of white and red blood cell counts between Warmbloods and other breeds of horses”
- Dr. Bruno Karam “Performance of single versus dual dose equine influenza vaccination in immunized horses after changing manufacturers” (horse use)
- Drs. John Madigan/Monica Aleman – “Equine neonatal maladjustment syndrome: Evidence for the etiology and treatment?”
- Dr. Lauren Bookbinder, a resident from the University of Michigan, was awarded the Kindred Biosciences ACVIM Large Animal Internal Medicine award to speak at the 2019 European College of Equine Internal Medicine Congress. Dr. Bookbinder had performed a study with Dr. Finno as a co-mentor entitled, “Effect of alpha-tocopherol deficiency and repletion on skeletal muscle morphology in horses”. As a collaborative initiative, the study used horses at CEH to evaluate the effects of vitamin E on skeletal muscle.

Animal Resource Manager, Dr. Tatiana Viau, presented “Vivarium Spotlight: The Center for Equine Health” to the IACUC Scientist-in-Charge and Technician-in-Charge (SIC TIC) group on June 11, 2019.

Participated in the 27th annual [UC Davis Horse Barn Production Sale](#). In the second year of our partnership with the Animal Science Horse Barn, two CEH-bred yearlings were included in the sale, held June 22, 2019. The Horse Barn Foal Managers began working with the yearlings in early 2019, teaching them basic handling, including how to lead, longe, and load in a trailer. All proceeds from the sale benefit the Horse Barn Teaching Program and the CEH teaching herd.

GOAL 4: ADVANCE THE WELLBEING OF ANIMALS AND PEOPLE

Strategy 4.1. Prioritize School Resources that Focus on Initiatives to Address Societal Needs

Admin:

Finalized Quarterly Ledger Review for the SVM.

Presented 2018-19 and 2019-20 budget review for the Faculty Executive Committee.

Prepared financial and HR data for State of the School address.

Presented 2018-19 and 2019-20 at the annual Provost’s budget meeting.

Met with the California Department of Finance and the California Department of Food and Agriculture to address \$2.5M cost over-run in the building of the Ardans Laboratory in Tulare.

Worked with the departments, centers and the VMTH to identify security roles for funding entry for the new system-wide payroll and HR system UC Path.

Strategy 4.2. Enhance Local and Global Communications, and Engagement to Advance the School's Impacts

Strategy 4.2. CEH:

CEH director Dr. Carrie Finno traveled to Kentucky with Dr. Scott Katzman and members of the Office of Advancement to host a behind-the-scenes look at “all things equine” with our UC Davis Alumni at this year’s Cal Aggie Alumni Association Kentucky Derby trip. The trip covered farm and racetrack tours, the Kentucky Bourbon Trail and a unique look at Rood and Riddle Equine Hospital before culminating in this year’s historic race.



VMTH/Advancement: Communications hosted two “Evening with Vet Med” public lectures:

“Coping with Pet Loss” <https://ucdsvm.mediasite.com/Mediasite/Play/3a2bea4af1364dccb3ec485155d746ba1d>

“Summer Health Hazards for Dogs” <https://ucdsvm.mediasite.com/Mediasite/Play/e09f30dfc4b6479b9cea430b055fce261d>

Student Groups/Advancement/CEH: Student leaders and organizations and Advancement Communications collaborated with the Picnic Day committee to present a centralized location of school booths and activities in and around the ARC Pavilion at the 105th UC Davis Picnic Day on April 13, 2019. In addition, CEH hosted an exhibit in the same area with two CEH teaching herd horses. The day provided an opportunity to engage with alumni, prospective students and clients, and the general public regarding the school.

CEH/Advancement: Participated in the SVM Spring Showcase with CEH equine ambassador and teaching herd horse, Liberty. CEH director Dr. Finno hosted groups of Spring Showcase attendees and shared Liberty’s story along with research being done at the center on vitamin E deficiency in horses.

CEH:

Displayed a booth at the Western States Horse Expo at Rancho Murieta Equestrian Complex from May 9-13, 2019. Visitors were excited to see UC Davis Veterinary Medicine represented at the Expo and there were many positive interactions. On Sunday, May 12th, Dr. Callum Donnelly presented a talk on “Vitamin E Deficiency in Horses” at the Horse Expo University educational forum.

Hosted members of the SVM Office of Advancement for a tour of the Center for Equine Health to learn about the center, how it operates, and to meet the 2019 foals.

Hosted several tours for prospective donors and students.

CEH/Advancement: Hosted a film crew from KVIE for filming of a news piece on the Connected Horse pre-dementia therapy program, which has hosted its research sessions at CEH for the past two years. The story aired on May 24, 2019 at <https://www.kvie.org/local-programs/connected-horse-project-focus-on-health-figcp5/>.

Advancement: In collaboration with StratComm and internal units, Communications promoted experts and facilitated stories that advanced public knowledge and understanding.

External Media: Story Examples

California Considers the Unthinkable: Canceling Horse Racing at Santa Anita Park	Washington Post
23 Thoroughbred Deaths Force Santa Anita To Change. Will The Racing Industry Follow?	NPR
Abandoned Puppy to Undergo Heart Surgery	Fox5 San Diego
Bulldog Spina Bifida Research	Good Day Sacramento
Whole-body PET for Your Pet	Physics World
10 Years of Upper Respiratory Diseases in Horses	The Horse
Gray Whales Are Starving to Death in the Pacific, and Scientists Want to Know Why	Los Angeles Times
The Aftermath of An Epic Disaster (Blue Dot #142 Podcast)	NPR
California's Canine Blood Banks Harvest from Caged Dogs and Operate in Secrecy	Los Angeles Times
Stronach Group Announces Funding Of 'Cutting-Edge' PET Scan For On-Track Hospital	Paulick Report
For Killer Whales in the Northwest, The Doctor Is In	VIN
Homemade Cat Food Diets Low on Nutrients	Veterinary Practice News
Doris Day Remembered for Unending Devotion to Animal Welfare	New York Daily News
Where on Earth is the Salish Sea?	Phys.org
Pet Blood Donation Sites May Become More Common Under New Bill	ABC10 Sacramento
Connected Horse Project	PBS KVIE
Report Supports Rational Administration of Gastroprotectants to Dogs and Cats	JAVMA News
8 Signs Your Dog Could Have Dementia	Reader's Digest

To Stop a Virus, California Has Euthanized More Than 1.2 Million Birds	Los Angeles Times
The (Real) Secret Life Of Pets	Science Friday
UC Davis Repairs Dog Bones with Protein from Human Medicine	DVM360
More Dogs are Getting Sick as Climate Change Pushes Diseases into New Parts of the US	USA Today
Santa Anita Resists California Board Recommendation to Shut Down After Latest Fatality	USA Today
Trio of Animal Welfare, Human-animal Bond Awards to be Presented Together at This Year's AVMA Convention	AVMA News

VetMed/UC Davis stories

Pre-empting zoonotic disease threats
Statement regarding the Warmblood Fragile Foal mutation in Thoroughbreds
Building Collaborations to Benefit Human and Animal Health
Applying Tech Innovation to Improve Animal Health
Preliminary Study Suggests Mercury Not a Risk in Dog Foods
Life-Threatening Foot Disease Found in Endangered Huemul Deer in Chile
Endangered White Abalone Program Yields Biggest Spawning Success Yet
Homemade Cat Food Diets Could Be Risky
Where on Earth Is the Salish Sea?
Rocky Mountain Spotted Fever Risks Examined
Congratulations Class of 2019!
Dean Lairmore's State of the School 2019
A New App Helps Estimate Herd Prevalence of Bovine Respiratory Disease
Wildfire and Health
Emergency Team Administers First Aid Course for K9 Handlers

Publications

Advance, Winter 2019	Heartbeat, Spring 2019	Heartbeat, Special Edition Vol. 7
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Strategy 4.3. Increase Multicultural Awareness and Outreach to Underserved Populations and Communities



Strategy 4.3 VMTRC:

Staff Research Associate Karen Tonooka describes what it takes to keep up milk quality to a group of teachers who were brought to the Tulare Research Center through the Education and Agriculture Together Foundation.

Admissions and Student Programs: Participated in “Soaring to New Heights”, UC Davis’ multi-cultural celebration of diversity

Global Programs:

The Office for Global Programs held a Cultural Awareness Workshop for SVM Students travelling abroad who received funding through STAR and the Office for Global Programs.

Thanks to donor support, the office is in its second year of providing funding for student projects with a focus on underserved communities, this year we funded 2 SVM students whose projects focus on virulent Newcastle Disease and Rift Valley Fever in Tanzania.

The Knights Landing One Health Clinic is in the planning stage to expand their clinic services to include educational resources for clients on poultry health.

Tulare: VMTRC Faculty and staff hosted a tour for 40 California teachers enrolled in the Education & Agriculture Together Foundation (E.A.T.) program. The E.A.T. program offers continuing education classes to increase educators’ knowledge and experiences in the areas of production of food, nutrition, environmental technologies, protection of natural resources and equip them to educate future generations as to the importance of agriculture, rural stewardship for a healthy society.

Strategy 4.4. Promote and Support the One Health Approach to Advance the Mission



Rx One Health 2019 IMMERSIVE & EXPERIENTIAL FIELD COURSE **TANZANIA**

Strategy 4.4. One Health Institute:

The OHI launched the Rx One Health Summer Institute for its third year, providing an intensive One Health field experience short course in Tanzania for graduate students and early career professionals from 9 countries.

VIRC: The VIRC hosted regenerative medicine special and distinguished seminars that were open to all SVM staff, students and faculty.

- Dr. Michael Detamore, The University of Oklahoma: “Gradients and chondroinductive biomaterials in regenerative medicine”. May 2019
- Dr. Jamie Peyton, UC Davis SVM: “The use of fish skin biological bandages for skin regeneration in burn injuries”. April 2019

One Health Institute:

To promote capacity building in the USAID PREDICT Program, the One Health Institute hosted a data conference, bringing together mid-level veterinary and public health scientists from 12 countries in Africa and Asia to work together collaboratively on learning how to conduct One Health data analyses and risk messaging.

The UCGHI Planetary Health Center of Expertise kicked off a cross-college and multi-campus Sustainability, Health and Environment Working Group with participation from the Schools of Medicine, Veterinary Medicine, and Nursing.

The OHI Lab, as part of the PREDICT project funded by USAID, found Marburg virus, a close relative of Ebola virus, in six cave-dwelling Egyptian fruit bats and additional positives of the new ebolavirus, Bombali virus, in three more bats in Sierra Leone.

SeaDoc Society served as a scientific resource for legislative and management actions by the WA state Governor’s Southern Resident Killer Whale Task Force meetings to recover chinook salmon, save southern resident killer whales, and remove toxins that affect chinook, southern residents and humans.

The Karen C. Drayer Wildlife Health Center, following its recent Annual Meeting, embarked on new initiatives focused on strengthening the aquatics and urban wildlife focuses of the SVM across departments, disciplines, and programs.

The Mountain Lion Project, as part of the Karen C. Drayer Wildlife Health Center, has successes both in the publication of a number of key research publications and reports to California agencies, and also successfully launched an eight-part web series to promote the plight of this species in southern California.

Strategy 4.5. Advance Strategic Communications and Use Information Technologies to Demonstrate Program Success and Impacts of Education, Research, and Outreach Programs

Strategy 4.5. VMTH:

Dr. Steve Epstein shows K9 handlers how to treat a wound on K9 Officer Cort. Emergency/ Critical Care Service presented a first aid training session for nearly two dozen California Highway Patrol and other area officers.



Advancement: Communications launched a new web calendar with advanced functionality, including the ability to embed custom calendars on web pages, enable automatic placing on individual Outlook calendars, embedding images, sharing to social, forwarding, and other features. The calendar is available under the “News” tab on the VetMed site as “Upcoming Events.”

Advancement & CEH: In a partnership between Communications and CEH, the school relaunched its “Animal Health Topics” site. The new site has additional content, cross-promotes effectively, is optimized to bring in Google search traffic, and is easy and pleasant for consumers to use.

Admin:

Published new SiteFarm web sites for Grad Group in Epidemiology and Urinary Stone Analysis Lab, Advanced Imaging, Atwill Lab, Integrative Pathology, EIDRL, Aquatic Health, CVEC, and Interventional Radiology.

Solved complex network issues at VMC – San Diego (team made on-site visit to diagnose and solve).

Completed server and workstation setup for the new PACS system.

SVM IT completed 642 service requests in April, 701 in May, and 614 in June.

Racked new backup storage hardware with over 410TB of storage capacity that should allow for 5 years of growth given current backup projections.

Uwe Rossbach and Jason Petty presented from SVM-IT at the 2019 UC Davis Information Security Symposium.

VMTH/Advancement: Communications facilitated a video interview with AP for Sue Stover regarding deaths of racehorses at Santa Anita and UC Davis’ research surrounding racehorse safety. Picked up by many media outlets, including USA Today. <http://www.aparchive.com/metadata/youtube/b6d7f473f30a1e3cd14f3e16e53fade9>

GOAL 5: PROMOTE A VIBRANT AND DIVERSE COMMUNITY

Strategy 5.1. Build Community through Value, Respect and Awareness for All



Strategy 5.1. Student Programs/Dean:

SVM Commencement, May 24. Among those graduating were 138 DVM students, 30 residents and 11 students in the Master of

Preventive Veterinary Medicine program. Dean Lairmore served as Master of Ceremonies, and he and Provost Hexter both provided opening remarks. Dr. Sharon Stevenson was the guest speaker; Dr. Munashe Chigerwe served as faculty speaker; and David Garcia was selected by his peers to speak for the graduating class. The speeches all included a shared theme regarding overcoming adversity. Dr. Joie Watson presented Jennifer Chan with the school medal, and Dean Lairmore presented Drs. Gregg Cutler, Michael Kent, S. Wayne Martin, Elizabeth Sabin and Stephanie Valberg with Alumni Achievement Awards.

CLaW:

The Vet Med Health and Wellness Club organized a Week of Wellness full of activities and speakers.

CLaW held two Mindfulness Training Sessions (organized by the Health and Wellness Club and led by our part-time therapist).

A generous donation made it possible to resurrect The Healer's Art program to take place Spring 2020; two faculty (Chohan and Outerbridge) were selected to serve as co-directors and will be attending training in July in Ohio.

CLaW rolled out our Recreational Equipment Checkout program funded by a donor in support of wellness activities (hammocks, croquet, giant Jenga, Yard Yahtzee, jump ropes, footballs/soccer balls, etc.).

Advancement: Communications promoted key awards, including:

- Dr. Jamie Peyton Receives Chancellor's Innovation Award: <https://www.vetmed.ucdavis.edu/index.php/news/dr-jamie-peyton-receives-chancellors-innovation-award>
- Two Veterinary Professors Named Academic Senate Award Winners: <https://www.vetmed.ucdavis.edu/index.php/news/two-veterinary-professors-named-academic-senate-award-winners>
- Joanne Paul-Murphy Wins 2019 AVMA Animal Welfare Award: <https://www.vetmed.ucdavis.edu/index.php/news/joanne-paul-murphy-wins-2019-avma-animal-welfare-award>
- Karen Vernau Wins 2019 AVMA Bustad Companion Animal Veterinarian of the Year Award: <https://www.vetmed.ucdavis.edu/news/karen-verna-wins-2019-avma-bustad-companion-animal-veterinarian-year-award>
- Royal Veterinary College Honors UC Davis School of Veterinary Medicine Dean Michael Lairmore with Honorary Fellowship: <https://www.vetmed.ucdavis.edu/news/royal-veterinary-college-honors-uc-davis-school-veterinary-medicine-dean-michael-lairmore>
- Congratulations 2019 Alumni Achievement Award recipients <https://www.vetmed.ucdavis.edu/news/congratulations-2019-alumni-achievement-award-recipients>

Strategy 5.2. Clarify and Support Expectations for Career and Personal Development of Faculty, Staff, and Students

Personnel:

Woutrina Smith from VME and OHI was selected as 2019-20 participant in the AAVMC Leadership Academy.

Beate Crossley, Christine Kreuder-Johnson, Catherine Outerbridge, and Sharif Aly were selected as SVM participants in the UC Davis 2019-20 Faculty Leadership Academy.

CLaW:


CLaW held a Staff Retreat to brainstorm initiatives and goals for 2019-2020.

Tina Maher attended the National Association of Colleges and Employers (NACE) Conference+Expo in Orlando, FL

Janel Lang organized a Mock Interview Lab for all students in VET440 which included recruiting and training area. She recruited DVM and campus career/HR specialists to serve as Mentors for the lab.

CLaW designed a new Leadership Development Training Program (if funded, all-day sessions will be held on a Saturday in the fall and spring)

Strategy 5.3. Recognize the School's Sustainability and Success Depends upon our People



Strategy 5.3: New academic appointments

left: Emily Berryhill, DVM, Assistant Professor of Clinical Equine Internal Medicine, May 1, 2019

right: Natalia Vapniarsky Arzi, DVM, PhD Assistant Professor of Anatomic Pathology, June 1, 2019

Resources

Admin:

Hired new VSR Chief Administrative Officer Denise Pennington. She started May 1, 2019.

Hired new Facilities and Safety Director Scott Cooling. He started May 1, 2019.

Hired new SVM Fiscal Officer Shireen Lovell. She started April 15, 2019.

Finalized final year (2019-20) of the five-year faculty hiring plan and submitted to the campus budget office.

Finalized the submission (in collaboration with the school's managers and chairs) 290 unrepresented staff EPARs.

Assisted in the recruitment of the Veterinary Center for Clinical Trials – Clinical Trials Coordinator and Clinical Trials Supervisor.

Leadership Appointments/Reappointments: John Adaska, Interim Co-Director of CAHFS, April 1, 2019