CCAH – Major Impacts
Celebrating 25 years of advancing the health of companion animals

Programs Launched
- 1st companion animal hemodialysis in U.S.
- International veterinary exchange – Koret School of Veterinary Medicine, Hebrew University of Jerusalem, Israel
- 1st veterinary genetics residency in the world
- 1st Canine Health Foundation grant (Canine Hypothyroidism Seminar)
- 1st academic shelter medicine program and residency in the world
- Million Cat Challenge – joint project with University of Florida
- Stereotactic radiosurgery for more accurate and safer cancer treatments

Research Achievements
- Pioneered research in feline immunodeficiency virus, feline coronavirus, and feline calicivirus
- Engineered a reconstructive procedure to regrow jawbone in dogs following traumatic injury or disease
- Identified the impact of copper on feline reproductive efficiency
- Determined the nutritional requirements and kidney effects of folate and Vitamin D in kittens
- Identified feline requirements and toxicity levels for Vitamins A, B, and K, choline, chloride
- Linked taurine with feline pregnancy failure
- Defined causes/risk factors for cats living in multi-cat facilities
- Established strategies to reduce morbidity of shelter animals due to infectious diseases
- Discovered decreased zinc results in cleft palate in kittens
- Developed nutrition strategies for obese dogs and cats
- Developed the feline leukemia vaccine
- Discovered and/or identified genetic causes for:
  - feline hypertrophic cardiomyopathy
  - feline polycystic kidney disease
  - Alaskan husky encephalopathy
  - spinal dysraphism in Weimaraners
  - bladder stones in Dalmatians
  - heart disease in Newfoundlands
- Designed a surgical technique for corneal disease in dogs
- Discovered a stem cell therapy to successfully treat feline chronic gingivostomatitis
- Determined safe antibiotic dosage for rabbits

UC DAVIS VETERINARY MEDICINE