Dear Friends,

This past year has been a good one for animal health – although we have a lot more work to do. The Center has never produced an annual report before but we realized this might be an excellent way to show you the impact we have had and also show you what our researchers are currently working on to improve the health and well-being of companion animals. Additionally, as our work is entirely funded by philanthropy, we thought putting together this report was another way to thank our supporters and show them how we have put their donations to work.

As you look through the report I think you will get a feel for the breadth and depth of the types of studies we do to learn how to better understand, diagnose and treat diseases while addressing the most pressing issues facing dogs, cats, rabbits, birds, and fish among others.

Putting together this report has also made me reflect on what we do and how we do it. Studies are funded and equipment is purchased on a competitive basis after scientific review. We want to fund what is most likely to have impact, but one of the tricky things about research is we do not know what the results are going to be until we do the work. Even negative studies can have impact by leading to new questions or pathways to pursue even if the first time something did not work out as planned. This is why support and funding of high risk projects that have the possibility of high gain can also be just as important. It is balancing these two factors - incremental progress versus pie in the sky aspirations, something I think we do particularly well and what will keep us moving forward steadily and allow us to make significant breakthroughs in animal health.

So again, thank you, to all of you who have supported the Center’s efforts this past year.

My best,

Michael S. Kent, MAS, DVM, DACVIM, DACVR
Director, Center for Companion Animal Health
Friends of Companion Animals

A special thanks to those who have supported our work with donations of $1,000 or more this past year:

Maxine Adler*
Anonymous
Stacey Baba and James Vokac Char Foundation
Linda Bloom
Renee Cali
Michael and Debra Charest
Glen and Angela Charles Family Foundation
Jennifer Cheung
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Winfred Fong
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Gail Lawrence
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Christina and Chee Louie
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Billie Sarzin
Brian and Olga Sassaman
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Shor-Line
SOCK-FIP
William Sommers and Sandra Black
Gary and Cathy Spratling
Eugene and Marjorie Stambaugh
James Stimson
William and Joan Strohauer
Mariko Sugiyama
Janell Sumida-Riker and James Riker
Maureen Tolson
Michael Tracy and Debra Lelek
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Suzanne Walchli Charitable Fund
Lauren Westreich and Robert Emerson
Franklin K. and Deborah A. Wyman 2011 Charitable Annuity Trust
Karen Young
Tatyana and Lev Yurovsky
Zalec Familan and Lilian Levinson Foundation
Lin Zucconi

*Estate gift
Our mission is to improve the health of companion animals by encouraging and supporting academic studies and clinical research on diseases affecting dogs, cats, and other small pets. We are committed to develop and support programs that benefit pets and their owners. By doing this, we directly impact animal health.

The Center for Companion Animal Health is fully-funded through the generous support of donors. This is done by individual gifts and through the growth of our endowments over the years, which were given by people and organizations committed to supporting animal health. Your support allows us to grow our programs by providing:

**Faculty Research Grants**
These grants are awarded to our faculty for the ongoing advancement of veterinary best practices. To fund the most promising research in our field, proposals are competitively reviewed and grants are awarded to the most innovative research with the greatest possibility of positively impacting companion animal health.

**Resident Research Grants**
These mentored research awards allow our residents to receive research training while also contributing to projects that have a lasting impact. This allows us to help develop the next generation of people working on animal diseases.

**Equipment Funding**
Research cannot happen without equipment. These grants allow our faculty to repair and replace old equipment and also purchase much needed new equipment to carry out research.
Leadership Team

Dr. Michael Kent, MAS, DVM
Director

Dr. Kate Hurley, DVM, MPVM
Associate Director – Shelter Medicine

Dr. Robert Rebhun, DVM, PhD
Associate Director – Cancer

Dr. Danika Bannasch, DVM, PhD
Associate Director - Genetics

Scientific Advisory Committee
Dr. Peter Dickinson, BVSc, PhD
Dr. Amy Kapatkin, DVM, MS
Dr. David Maggs, BVSc

Dr. Denis Marcellin-Little, MS, DVM
Dr. Bruno Pypendop, DrMedVet, DrVetSci
Dr. Jodi Westropp, DVM, PhD

Center Team
Nancy Bei, Manager
Helen Sutton, Grants Administrator
Lyra Pineda, Administrative Assistant
ACTIVE RESEARCH PROJECTS

FACULTY SUPPORT

$3,057,302 → 138 Studies

RESIDENT SUPPORT

$130,134 → 28 Studies

NEW PROJECTS FUNDED FOR THE COMING YEAR

**Anesthesia/Critical Care**
- Non-invasive measurement of cardiac output

**Anesthesia**
- Skull profile effects on breathing during anesthesia

**Cancer**
- Exosomes in glioma brain tumors
- Characterization of glioma-associated microglia
- Targeting chemotherapy resistance in cancer
- Receptor targeting in brain tumors
- Non-visceral leiomyosarcoma: How does this tumor behave? (resident grant)
- Evaluation of transanal minimally invasive surgery
- Microwave ablation to treat bone tumors
- Radiation effects on the immune system
- Tumor mutational burden in brain histiocytic sarcomas
- Control of glioma stem cell growth
Genetics – Cancer
- Genome-wide association for susceptibility to bladder cancer
- Pigment intensity and cancer

Genetics – Disc Disease
- Genetic effects of retrogenes on dog morphology

Genetics – Ophthalmology
- Heritable progressive retinal atrophy in Greyhounds
- Jack Russell terriers with corneal endothelial dystrophy

Neurology
- Blood-brain barrier disruption during immune-mediated encephalitis

Regenerative Medicine – Arthritis
- Tissue-engineered cartilage

Regenerative Medicine – Neurology
- Stem cells to treat myasthenia gravis

Regenerative Medicine
- The role of histone deacetylation in somatic cell reprogramming

Reproduction
- Improving the quality of frozen sperm

Surgery
- Development of a better bone plate to fix broken bones in small dogs
- Evaluation of allergies to metals with orthopedic metal implants
- Fluorescence imaging of thoracic ducts

Heart Disease
- Wildfire pollution: Heart disease and clots

Infectious Disease
- Characterizing late stage FIV
- Discovering essential genes in toxoplasma sporozoites

Infectious Disease
- Disinfection and antimicrobial susceptibility of Erysipelothrix piscicicarius

Clinical Pathology
- Platelet measurement methods (resident grant)
- The causes of transudative chyloous effusion (resident grant)

Surgery
- Development of a 3D-printed nasopharyngeal stent
2018-2019

Equipment Support

21 Projects

$304,591
Feline nutrition and pet care center upgrades will improve current facilities to provide more enrichment and to help ensure the well-being of cats.

Rapid resorbable bone fixation system kit will be used for research to advance and improve oral reconstructive surgeries.

Bacteria incubator and PH meter will be used for culturing bacteria, such as E coli, which can produce recombinant DNA or protein, and for measuring the PH of a solution.

Micro Osmette measures osmolality of body fluids and has many research applications. Urine osmolality is essential for evaluation of many disease states and is a unique measurement that is not generally available so it lends itself to numerous research applications.

MapCHECK 3 is used in radiotherapy to perform quality assurance studies for each patient treated with complex radiation therapy techniques. It plans and ensures the proper dose is being given before the patient is actually treated.

Cloud computing server - this high performance compute cluster is used for sequencing data analysis of companion animal genomes.

Camera Axiocam 305 mono fits seamlessly onto an existing microscope and provides superb imaging capability for multiple fluorescence dyes that are being used for sperm imaging for reactive oxygen species, calcium imaging, and membrane lipid and protein integrity.

Tekscan Strideway expands our force plate equipment for lameness evaluation. These features increase our capabilities to allow assessment of neurologic and muscular gait deficits, and can be used for a wider range of animal sizes and experimental conditions.

Sirona dental x-ray unit allows research by our dentistry faculty in the best way to image oral disease. This replaced a 1989 unit that is no longer functional.

Mydriatic retinal camera with Imagenet is the most advanced fundus camera available with several unique features that will be used by the Ophthalmology Service. It captures high-quality fundic photographs in order to monitor disease progression and/or response to treatment in patients.

The Heidelberg Spectralis combines two technologies to provide clinicians with unique views of the eye. Specifically, this unit provides detailed cross-sectional imaging of the cornea, anterior chamber, iris, retina and optic nerve and is useful in assessing diverse eye diseases, including keratoconjunctivitis sicca, corneal endothelial dystrophy, glaucoma, and sudden acquired retinal degeneration syndrome (SARDS).

The Pulse Oximeter and EKG monitor for exotic animals can record rapid heart rates and EKGs of small mammals, like rabbits and guinea pigs: the pulse oximeter monitors blood oxygen levels.

The accelerometers are used to monitor rabbits and guinea pigs with arthritis before and after treatment to help evaluate improvement at home.

High resolution manometry and endoscopy equipment allows us to evaluate motility disorders of the esophagus in fully awake dogs with a variety of functional esophageal disorders, allowing the development of new therapies for these disorders.

Gel imaging system allows visualization of PCR products when doing gel electrophoresis to verify and determine the purity and size.

Absorbance plate reader is necessary to complete fundamental experiments in the laboratory from serum and cerebrospinal fluids by ELISA.

Tormach Computerized Control Milling Machine is integrated into our medical modeling and manufacturing laboratory, which supports orthopedic research, advanced training of veterinarians and graduate students, and advances in clinical practice. UC Davis’ first 3D- printed custom total joint replacement surgery was done in October 2018.

Eppendorf™ 5810R Centrifuge is significantly improving handling, everyday operation, versatility, and capacity at the Real-time PCR Research and Diagnostics Core Facility.
MAKING AN IMPACT

Investigation of immune cell markers in feline oral squamous cell carcinoma
*Veterinary Immunology and Immunopathology* (Feb. 2019)
Sparger EE, Murphy BG, Kamal FM, Arzi B, Naydan D, Skouritakis K, Cox DP, Skorupski K

Association of macrophage and lymphocyte infiltration with outcome in canine osteosarcoma
*Veterinary and Comparative Oncology* (Mar. 2019)

Cardiac effects of a single dose of pimobendan in cats with hypertrophic cardiomyopathy; a randomized, placebo-controlled, crossover study
Oldach MS, Ueda Y, Ontiveros ES, Fousse SL, Harris SP, Stern JA

Echocardiographic evaluation of velocity ratio, velocity time integral ratio, and pulmonary valve area in dogs with pulmonary valve stenosis
*Journal of Veterinary Internal Medicine* (Sep. 2018)
Nishimura S, Visser LC, Bélanger C, Oldach MS, Gunther-Harrington CT, Stern JA

The diagnostic yield of dental radiography and cone-beam computed tomography for the identification of dentoalveolar lesions in cats
Heney CM, Arzi B, Kass PH, Hatcher DC, Verstraete FJM

Efficacy of manual ventilation techniques during cardiopulmonary resuscitation in dogs
Hopper K, Rezende ML, Borchers A, Epstein SE

Genetic heterogeneity and diversity of North American golden retrievers using a low density STR marker panel
*PLOS One* (Feb. 2019)
Ontiveros ES, Hughes S, Penedo MCT, Grahn RA, Stern JA

Evaluation of the major histocompatibility complex (MHC) class II as a candidate for sudden acquired retinal degeneration syndrome (SARDS) in dachshunds
*Veterinary Ophthalmology* (Feb. 2019)
Stromberg SJ, Thomasy SM, Marangakis AD, Kim S, Cooper AE, Brown EA, Maggs DJ, Bannasch DL

Influence of needle gauge used for venipuncture on measures of hemostasis in cats
*Journal of Feline Medicine Surgery* (Feb. 2019)
Solbak S, Epstein SE, Hopper K

Multi-color flow cytometry for evaluating age-related changes in memory lymphocyte subsets in dogs
*Development & Comparative Immunology* (Oct. 2018)
Withers SS, Moore PF, Chang H, Choi JW, McSorley SJ, Kent MS, Monjazeb AM, Canter RJ, Murphy WJ, Sparger EE, Rebhun RB
Infectious Disease

Efficacy and safety of the nucleoside analog GS-441524 for treatment of cats with naturally occurring feline infectious peritonitis
Pedersen NC, Ferron M, Bannasch M, Montgomery E, Murakami E, Liepnieks M, Liu H

Pilot study of the safety and solerability of a subconjunctival penciclovir implant in cats experimentally infected with herpesvirus
Journal of Ocular Pharmacology and Therapeutics (Jan/Feb 2019)
Covert JC, Thomsy SM, Kado-Fong H, Kon LN, Kass PH, Reilly CM, Lappin MR, Margulies BJ, Maggs DJ

Prophylactic and therapeutic effects of twice-daily famciclovir administration on infectious upper respiratory disease in shelter-housed cats
Journal of Feline Medicine Surgery (Jun 2019)
Cooper AE, Thomsy SM, Dzeninovich TL, Kass PH, Potnis SS, Leutenegger CM, Maggs DJ

Babesia conradae infection in coyote hunting dogs infected with multiple blood-borne pathogens
Journal of Veterinary Internal Medicine (Sep. 2018)
Dear JD, Owens SD, Lindsay LL, Biondo AW, Chomel BB, Marcondes M, Sykes JE

Nutrition

Determination of mammalian DNA in commercial canine diets with uncommon and limited ingredients
Veterinary Medicine and Science (Feb. 2019)
Fossati LA, Larsen JA, Villaverde C, Fascetti AJ

Determination of total mercury and methylmercury concentrations in commercial canine diets
Topics in Companion Animal Medicine (June 2019)
Sires RA, Fascetti AJ, Puschner B, Larsen JA

Pain Management

Evaluation of the thermal antinociceptive effects and pharmacokinetics after intramuscular administration of buprenorphine hydrochloride to cockatiels (Nymphicus hollandicus)
American Journal of Veterinary Research (Dec. 2018)
Guzman DS, Houck EL, Knych HKD, Beaufraër H, Paul-Murphy JR

Surgery

Surgery cardiorespiratory effects of variable pressure thoracic insufflation in cats undergoing video-assisted thoracic surgery
Veterinary Surgery (Jun. 2019)
Mayhew PD, Pascoe PJ, Giuffrida MA, Mitchell J, Steffey MA, Culp WTN

Effects of hole diameter on torsional mechanical properties of the rabbit femur
Veterinary and Comparative Orthopaedics and Traumatology (Jan. 2019)
Massie AM, Kapatkin AS, Garcia TC, Guzman DS, Chou PY, Stover SM

Neurology

Intracranial pressure monitoring in normal dogs using subdural and intraparenchymal miniature strain-gauge transducers
Journal of Veterinary Internal Medicine (Mar 2019)
Sturges BK, Dickinson PJ, Tripp LD, Udaltsova I, LeCouteur RA

Pharmacokinetics and safety of zonisamide after oral administration of single and multiple doses to Hispaniolan Amazon parrots
American Journal of Veterinary Research (Feb. 2019)
Keller KA, Guzman DS, Boothe DM, Visser M, de Matos RE, Petritz OA, Kass PH, Paul-Murphy JR
Paying it Forward: The Koret Shelter Medicine Program brings veterinary best practices to homeless animals across North America

For too many years, the “pound” was a forbidding place - a scary building from which few animals left alive. Sadly, the image of lonely, frightened animals behind chain link fences is still a reality in some places.

At the UC Davis Koret Shelter Medicine Program (KSMP), our team is committed to protecting the most vulnerable of animals, those who are the victims of cruelty, neglect and abandonment. We are the first such program in the world to comprehensively address the unique challenges of maintaining the health and well-being of shelter animals on their way to a forever home.

Since our inception, we’ve championed humane housing, solved for deadly diseases, and spearheaded the world’s most successful feline lifesaving initiative: the Million Cat Challenge. We’ve published textbooks, and guidelines to equip veterinarians and shelter leaders with the tools they need to run a successful lifesaving organization – no longer a “pound” but a place they can be proud of; a place where community members bring their children to pick out the new family dog, or to volunteer their time and talent.

A place where every animal is valued and respected

Whether a shelter is well-resourced or over burdened, in a new or old facility, the answer does not have to be euthanizing healthy animals to make room for animals with equally grim odds.

We’re working towards a day when every shelter organization can proudly promise every animal under their roof “It’s going to be okay, friend. You’re safe here.”

2018-19

As of June, 2019, 286 UC Davis veterinary students have performed over 6,591 high quality spay and neuter surgeries on homeless animals sheltered at the Yolo County Animal Services.

KSMP conducted 29 onsite shelter consultations and led intense, online trainings for an additional 18 shelters.
One million was never enough

On May 15, shelter workers huddled shoulder to shoulder in a packed conference room at the 2018 Animal Care Expo to hear a momentous announcement about the Million Cat Challenge. Were they on track to meet their seemingly outlandish goal to save a million cats in five years?

Dr. Kate Hurley revealed a map of North America with a number emblazoned across it. Not only had Challengers beat the goal of saving 1M additional lives by 148,129 - they did it an entire year early.

The Million Cat Challenge is the largest and most successful feline lifesaving effort to date. More than 1,500 shelters have adopted the Challenge's five key initiatives, leading to dramatic reductions in euthanasia and increased lifesaving success.

What began with individual shelters adopting evidence-based best practices, and transforming one-by-one, became a sea of change that swept the nation.

Now the Challenge, co-led by the UC Davis School of Veterinary Medicine, and University of Florida, continues with an even more audacious goal, hashtagged #allthecats. The right outcome for all the cats, all the time, at every animal shelter in North America.

As of July 2019, we have over 2,100,000 witnesses that shows it's possible.

"I am very thankful to have been a part of the movement that has saved thousands of lives AND lightened the burden placed on our souls and that of our staff that have had to euthanize these cats all these years."

–Betty Cochran
City of Clovis Animal Services

2018-19: Shelters have dropped feline euthanasia by 71% compared to their own baseline from when they first enrolled in the challenge.
Since 1998 the CCAH has funded over $24 million in studies.

Awards for Fiscal Year 2018-2019

Total:
$2,183,696

CCAH fiscal year is from July 1, 2018 - June 30, 2019

Faculty Research Support: $1,710,275 (78%)
Faculty Equipment Grant: $304,591 (14%)
Resident Research Support: $65,917 (3%)
Program Support: $68,877 (3%)
Student Research Support: $12,408 (1%)
Facilities/Operations Support: $21,628 (1%)
Partner Veterinary Hospitals

Through our Companion Animal Memorial Fund your local veterinarians and clinics support our research. A total of 237 hospitals and in individual veterinarians donated to the fund this past year raising a total of $233,375.

A Gentle Rest
ABC Veterinary Hospital
Acorn Hills Animal Center
Acorn Veterinary Clinic, Inc.
Adobe Animal Hospital
Advanced Veterinary Specialists
Aggie Animal Dental Center
Agoura Animal Clinic, Inc.
Alamo Animal Hospital
Alfred V. Atkinson, D.V.M.
Alison P. Pilbury, D.V.M.
All Creatures Animal Hospital & Bird Clinic allCREATURES Veterinary Hospital
All Pets Medical & Surgical Center
allcreatures Veterinary Clinic, Inc.
Altovent Veterinary Hospital
Amador Valley Veterinary Center
Animal & Bird Clinic of Mission Viejo, Inc.
Animal Clinic at Lake of the Pines, Inc.
Animal Clinic of Encino
Animal Hospital of Cloverdale
Animal Hospital of Sebastopol
Animal Housecall Service
Animal Medical Center
Araya Animal Clinic
Aragon Veterinary Clinic, Inc.
Arbor Animal Hospital
Arbor View Veterinary Clinic
Ark Veterinary Hospital, Inc.
Arnold S. Gutlaizer, D.V.M.
Atchison Veterinary Hospital
Atchinson Vet Hospital
Balboa Pet Hospital
Banderas Pet Hospital, Inc.
Bay Area Animal Eye Care
Bear Valley Animal Clinic
Bet Marin Animal Hospital
Belmont Pet Hospital, Inc.
Bishop Ranch Veterinary Center
Bishop Veterinary Hospital, Inc.
Blue Cross Pet Hospital
Blue Cross Veterinary Hospital, Camarillo
Blue Cross Veterinary Hospital, Signal Hill
Blue Oak Veterinary Hospital
Blue River PetCare
Boulevard Pet Hospital
Brander Veterinary Hospital, Inc.
Broadway Pet Hospital, Inc.
Calvin G. Lum, D.V.M.
Camarosa Veterinary Clinic
Camba Veterinary Clinic
Cameron Park Veterinary Hospital, Inc.
Camino Real Pet Clinic, Inc.
Canyon Hills Animal Clinic, Inc.
Care Veterinary Hospital
Castlewood Animal Hospital, Inc.
Cat and Bird Clinic
Cat Clinic
Cats Only Veterinary Hospital, Inc.
Centralia Animal Hospital, Inc.
Central Coast Veterinary Acupuncture
Ceres Veterinary Clinic, Inc.
Chabot Veterinary Clinic
Chad S. Alves, D.V.M.
Charlene Lea-Shouse, D.V.M.
Chirby Ridge Animal Hospital
Coastside Veterinary Clinic, Inc.
Codonix Veterinary Clinic, Inc.
Coffee Road Veterinary Clinic
College Veterinary Hospital
Colyer Veterinary Service
Companion Pet Clinic - Aloha
Companions, A. H., Inc.
County Line Animal Hospital, Inc.
Cress Street Small Animal Veterinary Hospital
Crystal Springs Pet Hospital, Inc.
Cuatroma Animal Hospital, Inc.
Dana Niguel Veterinary Hospital
David Bruyette, D.V.M.
Debra K. Mcllroy, D.V.M.
Del Mar Heights Veterinary Hospital, Inc.
Det Mar Pet Hospital
Dentistry for Animals
Discovery Bay Veterinary Clinic
Doctor’s Office for Pets
Doctors Pet Clinic
Dog’s Best Friend & The Cat’s Meow, Inc.
Donner-Truckee Veterinary Hospital
East Bay Veterinary Services Inc.
East San Rafael Veterinary Clinic
Edgewood Veterinary Clinic, Inc.
El Cerrito Veterinary Hospital
Emergency Pet Clinic of Tecomella
Evergreen Animal Clinic, Inc.
Evergreen Veterinary Clinic
Evers Veterinary Clinic, Inc.
Exeter Veterinary Hospital
Fairview Animal Hospital
Foot Hill Pet Hospital
Four-Legged Friends Animal Hospital, Inc.
Global Veterinary Services, PLLC
Granteville Veterinary Hospital, Inc.
Hampton Veterinary Hospital
High Valley Veterinary Hospital
Hillcrest Veterinary Hospital
Howard Veterinary Consultation & Research
Illi V. Medearsis, D.V.M.
Indian Creek Veterinary Clinic, Inc.
Irving Pet Hospital of San Francisco
Jennifer M. Rau, D.V.M.
Jessica A. Dugan, D.V.M.
July A. Martin, D.V.M.
Keely A. Commins, D.V.M.
King City Veterinary Hospital
Kingsburg Veterinary Clinic
Kriwet Inc.
Krisitin A. Finch, D.V.M.
La Costa Animal Hospital, Inc.
La Cumbre Animal Hospital, Inc.
Ladera Ranch Animal Hospital, Inc.
Laguna Grove Veterinary Hospital
Laguna Veterinary Hospital
Larkspur Lancing Veterinary Hospital, Inc.
Livermore Veterinary Hospital
Los Altos Veterinary Hospital
Los Amotis Animal Hospital, Inc.
Los Altos Veterinary Hospital
Los Osos Pet Hospital
Madera Veterinary Hospital, Inc.
Maria I. Kutty, D.V.M.
Marina Hills Animal Hospital, Inc.
Matlja Veterinary Hospital, Inc.
Mckenzie Animal Clinic, Inc.
Michael Gaddis, D.V.M.
Michael Ramos, D.V.M.
Michele C. Chinn, D.V.M.
Mid-Peninsula Animal Hospital, Inc.
Midtown Animal Hospital
Mid-Valley Veterinary Hospital
Miramar Veterinary Hospital
Mobile Paws Veterinary Services
Modesto Veterinary Hospital, Inc.
Mono Way Veterinary Hospital, Inc.
Montecito Animal Clinic
Moore Veterinary Care
Monoga Veterinary Hospital
Morro Bay Veterinary Clinic
Mount Shasta Animal Hospital, Inc.
MSSAH, Inc.
Muir Oaks Veterinary Corporation
Murphy Avenue Veterinary, Inc.
Napa Valley Veterinary Hospital, Inc.
National Veterinary Associates
Newbury Park Veterinary Clinic
Newport Hills Animal Hospital, Inc.
Northgate Veterinary Hospital, Inc.
Northridge Veterinary Center, Inc.
Northtown Animal Hospital
Oak Park Veterinary Hospital, Inc.
Ocean Beach Veterinary Clinic
Oakridge Veterinary Clinic, Inc.
Oasis Veterinary Hospital
Occidental Veterinary Hospital
Ocean Beach Veterinary Hospital
Old Towne Animal Hospital
Ontario Veterinary Hospital, Inc.
Orange Canyon Pet Clinic
Oxnard Veterinary Hospital
Park Centre Animal Hospital, Inc.
Peninsula Center Pet Hospital, Inc.
Perrin Valley Veterinary Associates
Pet Vet’s of Florida, Inc.
Petaluma Central Animal Hospital, Inc.
PetVet Care Centers Mgmt LLC
Pleasant Valley Veterinary Center
Point Reyes Animal Hospital, Inc.
Powellos Pet Hospital
Rancho Bernardo Pet Hospital
Rancho Pet Hospital
Rancho Viejo Animal Hospital
Red Rabbit Veterinary Hospital
Redlands Animal Hospital, Inc.
Redwood Veterinary Hospital
Redwood Veterinary Hospital
Redway Veterinary Hospital
Rochford Veterinary Hospital
Rocklin Road Animal Hospital
Sacramento Animal Hospital
Sage Rock Veterinary Services P.C.
San Carlos Animal Hospital
San Diego Pet Hospital
San Francisco Pet Behavior Consulting
San Joaquin Veterinary Hospital
San Marcos Vet Clinic
Scotts Valley Veterinary Clinic, Inc.
Seven Hills Veterinary Hospital, Inc.
Shane L. Silver, D.V.M.
Shasta Valley Veterinary
Shelia D. Langrock, D.V.M.
Shenyi Eckstein, D.V.M.
Slater Creek Animal Hospital
South County Animal Hospital
South Nvato Animal Hospital
Steele Canyon Veterinary Clinic
Summit Veterinary Hospital & Kennels
Sunnyvale Veterinary Clinic, Inc.
Sunset Cliffs Animal Hospital
Susan Chen, D.V.M.
Tamalpais Pet Hospital, Inc.
Tarzana Pet Clinic, Inc.
Tassajara Veterinary Clinic
Tehachapi Veterinary Hospital, Inc.
Terra Linda Veterinary Hospital, Inc.
The Ark Pet Hospital, Inc.
The Country Vet
Tina M. Taylor, D.V.M.
Town & Country Animal Hospital
Valley Veterinary Clinic RB, Inc.
VCA McClave Veterinary Hospital, Inc.
VCA West Los Angeles Animal Hospital
Vet N Care Disney Pet Hospital, Inc.
Veterinary Centers of America
Veterinary Housecall
Veterinary Medical Center of Turlock, Inc.
Village Oak Veterinary Hospital
Village Veterinary Clinic, Lompoc
Village Veterinary Clinic, Stockton
Village Veterinary Hospital
Walker Street Dog & Cat Hospital
Walnut Creek Veterinary Hospital
Washington Square Veterinary Clinic
Waterhouse Animal Hospital, Inc.
Wayne L. Berry, D.V.M.
Wkup Veterinary Hospital
Willbark Corporation
William L. Klein, D.V.M.
Willow Rock Pet Hospital, Inc.
Winston M. Acocella, D.V.M.
Woodside Veterinary Clinic

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