

# ***State of School 2015***

**Michael D. Lairmore**

**Dean and Distinguished Professor  
University of California-Davis  
School of Veterinary Medicine  
May 20, 2015**

## Mission

**Advance the Health of Animals,  
People, and the Environment**

## Vision

**Leading Veterinary Medicine  
Addressing Societal Needs**

# Comparative Data and Recent Rankings

## Total Research Funding

UCD #1 = \$74,463,556

#2 = \$50,034,020

#3 = \$44,944,930

## Total Faculty FTE

UCD #1 – 340 – 98 (residents) = 242

#2 - 272 – 70 (residents) = 202

#3 - 270 – 75 (residents) = 195

## Clinical Cases

UCD #1 = Small Animal = 38,375

#1 = Equine = 4,807

#2 = Food Animal = 1,519

## Ranked #1

Veterinary College/School  
US News and World Report  
March 2015

## Ranked #1

QS World University Rankings  
Veterinary Sciences  
May 2015



# Educate world leaders in academic veterinary medicine, veterinary medical practice, public and environmental health

- Attract, mentor and support the best and brightest students and trainees
- Design curriculum & training programs to meet current & future societal needs
- Lead the field of veterinary medicine by sharing educational expertise and best practices locally, nationally and internationally





# Attract, mentor and support the best and brightest students and trainees – Veterinary Students



## Class of 2019

- 140 students (730 applicants)
- 113 California residents
- 119 females, 21 males
- 2 international
- Average overall science GPA 3.69
- Average age 23 (range 19-42)
- 31% URM students

**Areas of interest species specific:** small animal (58), mixed (26), zoo (4), wildlife (18), small/equine (3), equine (9), avian/exotics (2), food (5), large (7), lab animal (6), poultry (1), fish (1)

**Areas of veterinary interest at application:** Academics/Research/Teaching (21), Private Practice/Specialty Practice (92), Public Health (27)

**Ethnicity:** African American/Black (1), Asian/Other Asian (28), Caucasian (87), Hispanic/Mexican American/Other Spanish (5), Multi-Ethnic (19)

# Diversity and Inclusion Activities



Yasmin Williams,  
Diversity Director

- **Multi-Cultural Advisory Board and Multi-Cultural Seminar Series**
- **On-line Training Certificate Program** – partners with Center for Diversity and Inclusion at Purdue
- UC Davis **Veterinary Students as One in Culture and Ethnicity (VOICE)** Chapter, led by seven very dedicated students
- VOICE Chapter, Lesbian, Gay, Veterinary Medical Association (LGVMA) Club, and Veterinary Student Outreach (VSO) Club developed **Coalition of Veterinary Students for Diversity and Inclusiveness**



# Student Recruitment

- **COSMOS program for high school students** – biomedical camp
- UC Davis **Early Academic Outreach Program** - high school students exposure to careers in veterinary medicine
- >8,000 undergraduate underrepresented students attended 12th Annual **Pre-Medical and Pre-Health Professions Conference**; October 2015 planning underway
- Veterinary student members of UC Davis **Pre-Vet Students Supporting Diversity (PSSD) organization** hosted pizza social for pre-veterinary students on January 21, 2015
- At **VMTRC Central Valley** >8,000 students > 12 years - direct, hands-on learning about veterinary medicine
- **VMTRC staff visits elementary schools and 4-H clubs** with its ‘traveling cardboard cow’

# Career Center Activities

**VetMedJobs** Launched to allow students and employers to interface and find each other

- **“Personal Development & Leadership”** developed to provide students in-depth training opportunity
  - 1st year DVM or SVM graduate students & faculty members
  - Topics include: Self-Awareness & Management; Ethical Leadership; Leadership Styles; Organizational Awareness
- ***Healer's Art program***, an innovative course focused on personal exploration - values of service, healing relationship, reverence for life and compassionate care

# Curriculum and Academic Support



## Curriculum

- All four years of the curriculum have now been implemented
- Implementation complete → Assessment and refinement
- Collecting data, reviewing blocks and then revising based on data
- Formalize the Evaluation Process for ongoing curricular improvement
- EC gathering faculty input on curriculum via survey and focus groups
- Career emphasis in clinical year under discussion



# Curriculum and Academic Support



## Academic Programs Curricular Support Team

- DVM Curriculum - Oversight of development, content, scheduling, examinations, etc.
- Teaching Facilities - Gladys Valley Hall, Multi-Purpose Teaching, AV support, Gourley Labs, etc.
- Academic Support Services - Academic counseling, absences, tutoring, disability, etc.
- Student Performance Standards - Academic difficulties, code of conduct, etc.
- Curricular Applications - CERE, CREST, CTS, Examsoft, Educational surveys

# Faculty Curriculum Committee



**Dr. Munashe Chigerwe and  
Dr. Helen Raybould –  
Co-chairs of SVM Curriculum  
Committee**

- Block reviews
- Student and faculty concerns
- Coordination with Clinical Education Committee
- Policies on curriculum
- Block leader expectations and coordination
- Curricular change policies
- Curricular review processes

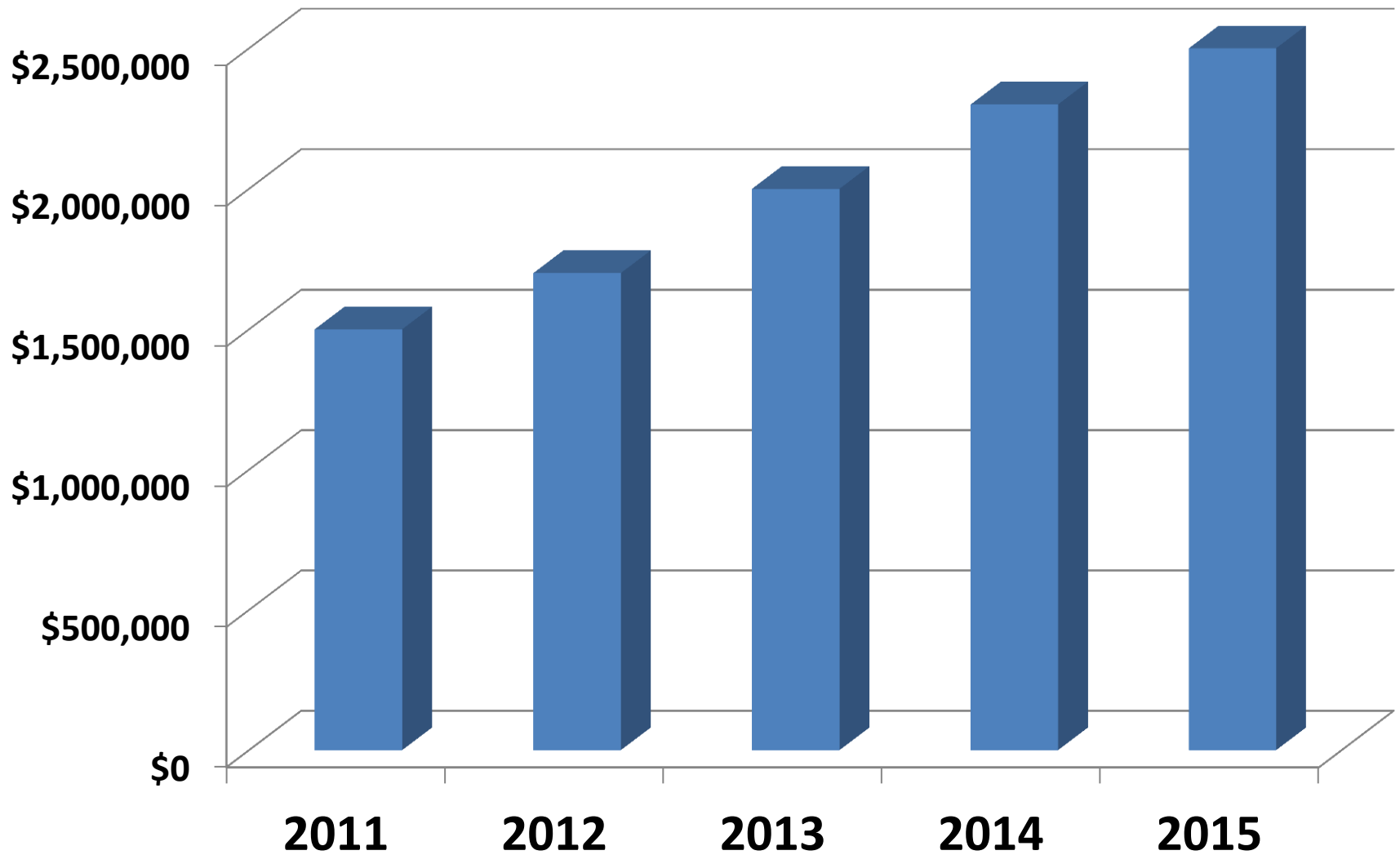
# Student Scholarships



- Scholarship program, gifts and endowments, ~\$2.5 million.
- Additional \$4.2 million in grants, → \$6.7 million in total support

- 70% of students receive scholarship & fellowship awards
- 23 new scholarships created, totaling \$480,000+
- Alumni scholarships, reunion class celebrations → 17 classes with endowed scholarships
- Many department and unit-based graduate fellowships, e.g., Peter C. Kennedy Fellowship, Richard A. Freedland Fellowship, and recently created *Murray E. Fowler Legacy Award*

# Scholarship Trend 2011-2015



# IMPACT OF GIVING – ANOTHER RECORD YEAR!



## Gifts to date – FY 2014-15

- **Total \$40,205,844** from 6,464 donors
- **98** gifts of \$25K or more
- **8** gifts of \$1M or more
- **3** gifts of \$5M

## 15 major alumni/donor-focused events

- Spring Showcase – **165** guests
- Evening of Gratitude – **250** guests
- Alumni reunion weekend: **330 alumni and guests, \$46,000+** in reunion class gifts, **3** new scholarships established
- Alumni receptions at **PacVet, AVMA, NAVC, AAEP, WVC, Dallas, Rancho Santa Fe, Santa Ana**
- More than **\$2.9** million in estate gifts since July 1, 2014
- Online Giving = **1,055** gifts / **\$157,476**; **Average size = \$149.26**

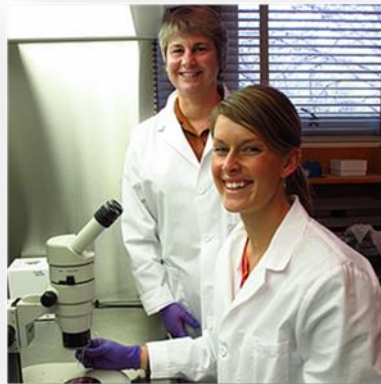
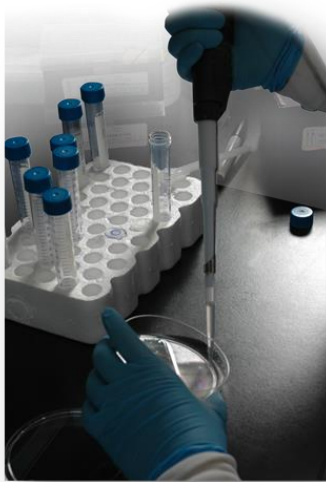


## IMPACT OF GIVING – NOTABLE CONTRIBUTIONS

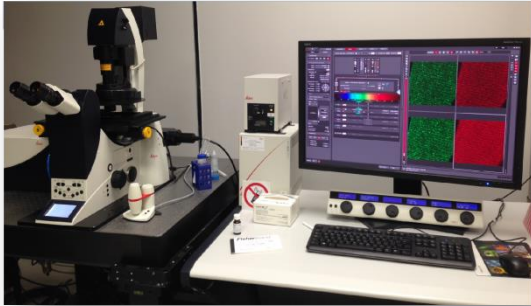
- \$5 million – oncology program support  
*Grateful Clients who prefer to remain unnamed (5-yr pledge)*
- \$5.7 million – Veterinary Medical Center, CCAH programs  
*Grateful Client – anonymous*
- \$5 million – shelter medicine & exchange program with Koret Veterinary School in Israel  
*Koret Foundation (5-yr pledge)*
- \$1,575,355 – Center for Equine Health, laminitis research  
*Carol Green Estate*
- \$900,000 – Veterinary Institute for Regenerative Cures  
*Dick and Carolyn Randall (5-yr pledge)*
- \$440,000 – CEH, Linear Accelerator, Continuing Education  
*Joyce Williams Estate*

# Be at the forefront of high-impact trans-disciplinary research

- Provide supportive infrastructure and efficient services to facilitate research
- Actively pursue trans-disciplinary research programs and extramural support



# Supportive Infrastructure and Services

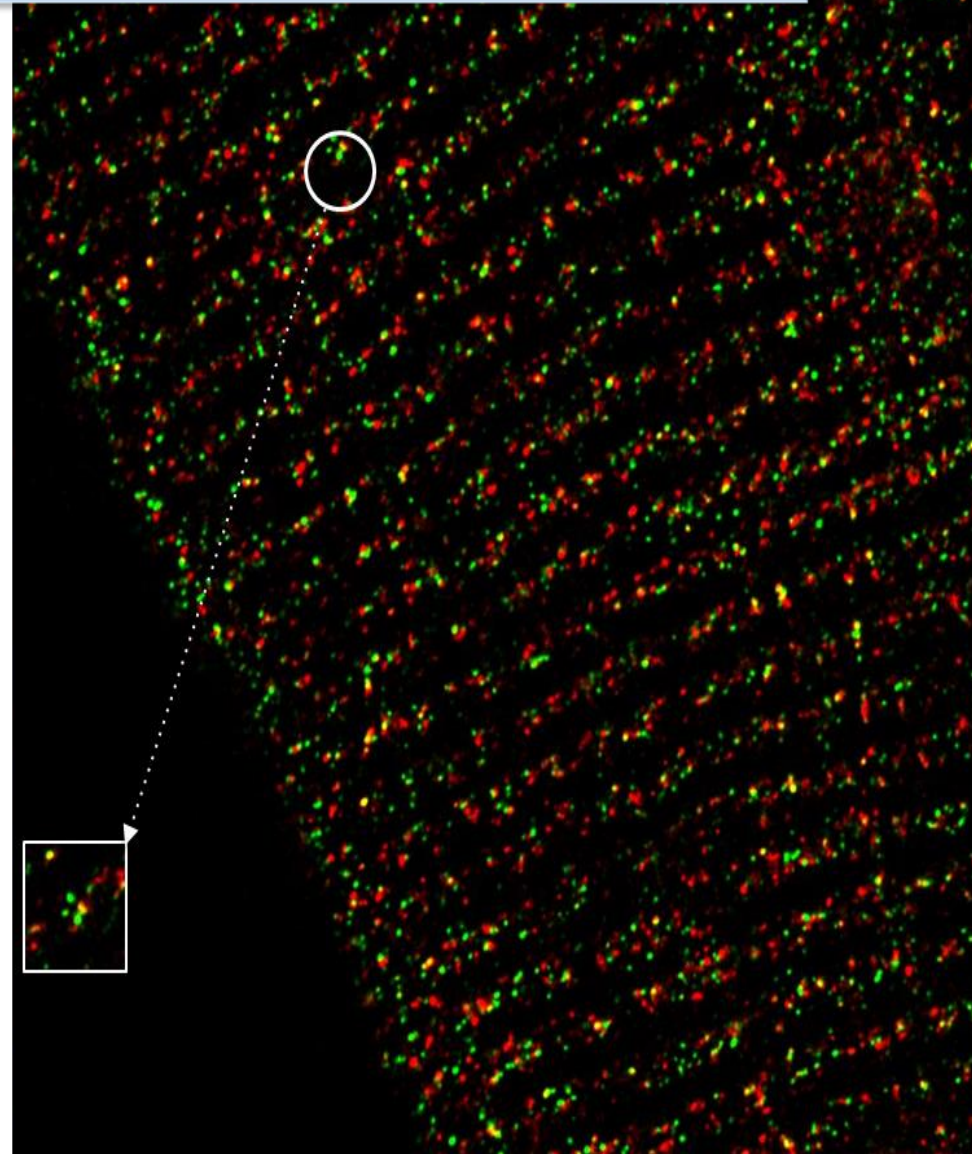
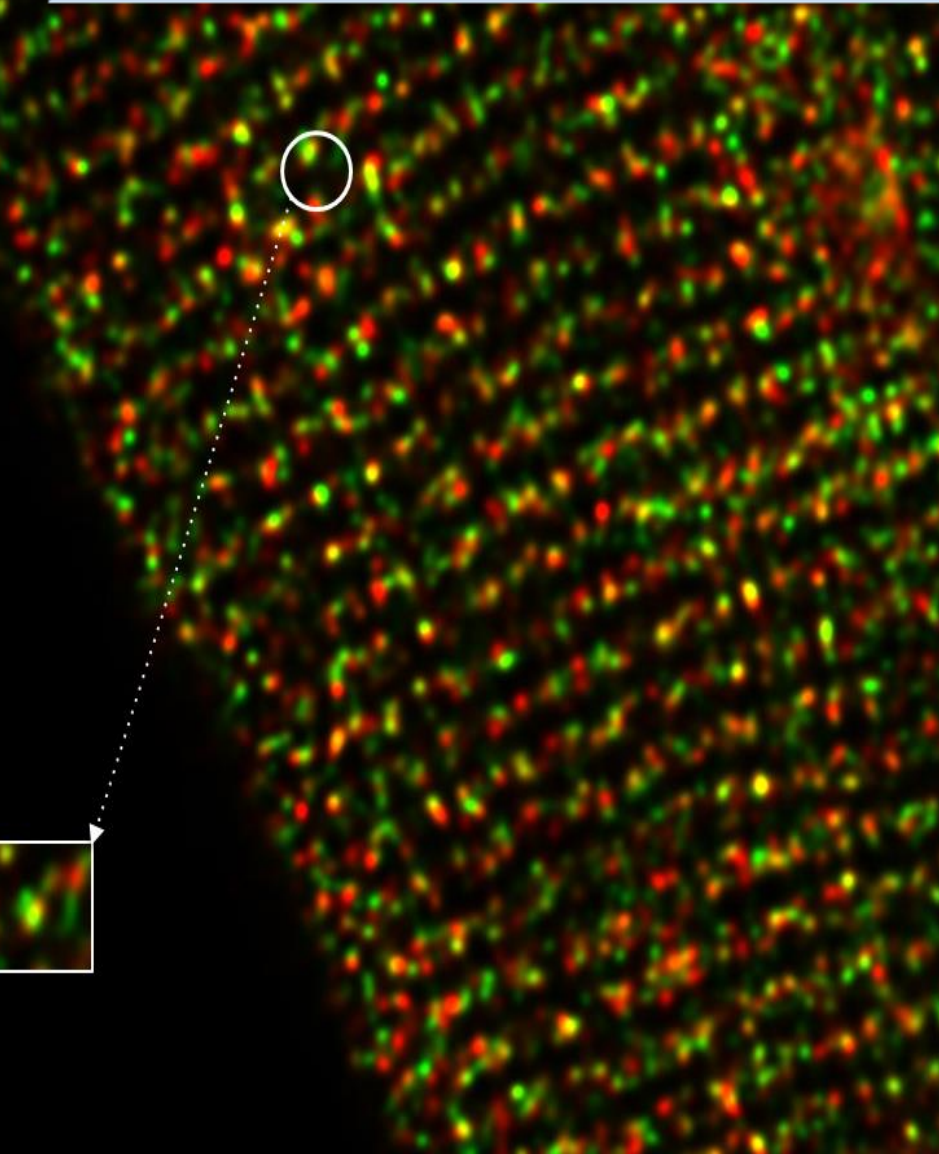


## Advanced Microscopy Facility

- Collaboration with School of Medicine and College of Biological Sciences
  - Organized by Associate Dean Isaac Pessah
  - Faculty Supervisor : Dr. Colin Reardon
  - CBS Technical Specialist: Dr. Ingrid Brust-Mascher
- 
- **Leica 3D STED Super Optical Confocal Microscope** - can image structures below the limit of diffraction in 3D. High speed resonance scanner allows the use of live samples
  - **Multiphoton Confocal with CLARITY** - permits intravital live imaging, high resolution 3D images of whole tissues/samples

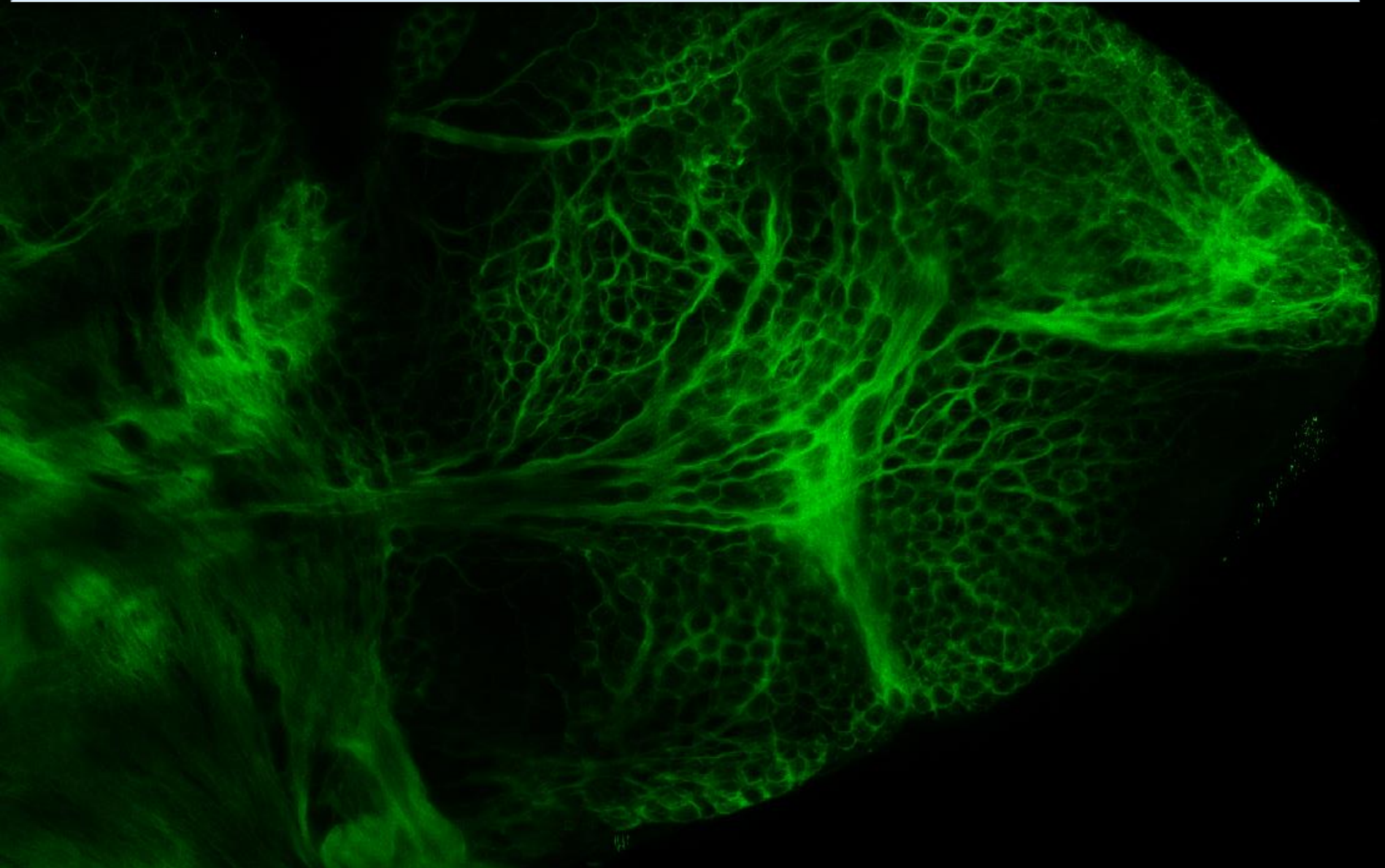


## 3D Confocal and 3D STED of mouse FDB Fiber (Pessah lab)





# Multiphoton microscopy of zebrafish acetylated tubulin (Lein Lab)





# New Networking and Research Collaboration Tools

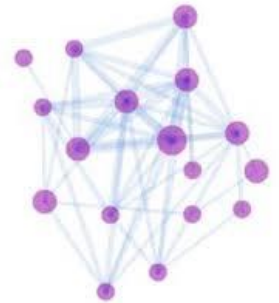


Identify expertise and  
enable collaboration

Collaboration with School of Medicine,  
Clinical and Translational Science Center

Online search engine to perform  
research analysis and performance  
analysis

- Expertise profiling and research networking tool - fully integrated research information system - reports, performance assessments, researcher profiles, etc.
- Maps connections between researcher and collaborators
- Create fingerprints representing collective expertise and experience of a researcher



# Training Grant Leadership



- NIH Year-long Advanced Research (YEAR) Training Program (**H. Raybould**)

- NIH STAR- Short-term Research Training Program (**I. Pessah**)

- NIH Training Program Comparative Medical Sciences (**N. Baumgarth**)

- NHLBI Training Program in Comparative Lung Biology (**R. Wu**)

- Veterinary Scholars Training Program (VSTP) (**X. Chen**)

- NIEHS Training Program in Environmental Health Sciences (**P. Lein**)

- Research & Education Advanced Clinical Health (REACH) (**I. Pessah**)

# Interdisciplinary Graduate Groups

## Student Leaders in Discovery

### Masters in Preventive Veterinary Medicine

- **Dwi Fania** (August 2014): FAO UN National Technical Advisor
- **Tricia Andrade and Jaber Belkhiria** (December 2014): Awarded Blum Center Poverty grant
- **Liv Greve-Isdahl and Tricia Andrade** (December 2014): Invited Research Presentations, World Congress on Disaster and Emergency Medicine, Cape Town, South Africa

### Epidemiology

- **Jessica Healy**: Epidemic Intelligence Service fellowship with the CDC
- **Nistara Randhawa**: Wildlife Disease Association's student poster presentation and video challenge for UC Global Health Day
- **Alireza Javidmehr**: Elected to represent GGE at the Special Luncheon discussion with Assistant Secretary of Agriculture for Administration, Dr. G. Parham
- **GGE students** have numerous publications, presentations at conferences, and fellowships through Graduate Studies and external agencies

# Interdisciplinary Graduate Groups

## Student Leaders in Discovery



### Graduate Group in Immunology

- **Anthony Zamora** selected 2015 St. Jude National Graduate Student Symposium (NGSS)
- VSTP student **Hannah Savage** received an AAI student travel award to present at the Merinoff World Congress
- **Annie Mirsoian's** article was featured on the cover of JEM (see left)
- GGI students coauthored 31 publications, including 19 as first author and 6 in journals with impact factors >10

### Graduate Group in Integrative Pathobiology

- **Chrissy Eckstrand** received the prestigious UC Davis Dissertation Year Fellowship for 2015-2016
- **Chrissy Eckstrand & Steve Kubiski** awarded ARCS Fellowships
- **Kasen Riemersma** awarded a Graduate Scholars Fellowship
- **Sara Garcia** was awarded the Beatrice Oberly and S. Atwood McKeehan Fellowship
- **Francisco Mercado & Ezzat Hashemi** awarded the Floyd and Mary Schwall Fellowship



# Veterinary Scholars Coming to UC Davis

## Welcome to the 2015 Merial - NIH National Veterinary Scholar Symposium

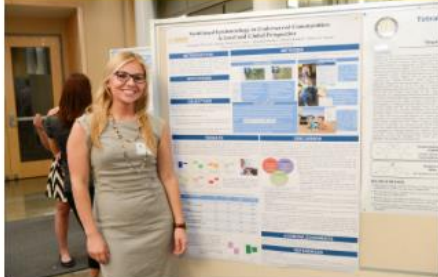
July 30 - August 2, 2015

UNIVERSITY OF CALIFORNIA

Welcome to the 2015 Merial - NIH  
National Veterinary Scholar  
Symposium



### POSTER PRESENTATION INFORMATION



Poster requirements, location and poster session schedule.

[More information](#)

### VISITING UC DAVIS AND SURROUNDING AREAS



Things to do and places to see in and around UC Davis!

[More Information](#)

### SYMPOSIUM SCHEDULE AND ABSTRACTS



Complete Symposium proceedings and schedules (.pdf)

[More Information](#)

### SYMPOSIUM NEWS

[SYMPOSIUM SCHEDULE](#)

[ABSTRACT SUBMISSION INSTRUCTIONS](#)

[LINKS TO LODGING](#)

[CURRENT WEATHER IN DAVIS, CA](#)



# Supporting Undergraduate Research



**2015 UNDERGRADUATE RESEARCH WEEK** MAY 1-8

For more information, visit [ucdavis.edu/ResearchWeek](http://ucdavis.edu/ResearchWeek)

**EVENTS** all over campus all week:

- May 1-2 Undergraduate Research, Scholarship and Creative Activities Conference
- May 3 Genus 100 Run/Walk

UC DAVIS UNDERGRADUATE EDUCATION

GENIUS RUN/WALK

**Celebrate Undergraduate Research!**



**Veterinary Medicine Research Symposium**  
**May 8, 2015**

***SVM Lab Tours***

**J.D. Wheat Veterinary Orthopedic Lab**

Dr. Susan Stover, Director

**Advanced Microscopy Facility**

Dr. Ingrid Brust Mascher, Technical Director

**VM3B Basic Science Laboratories**

Ray Zhang, PhD Candidate

**Center for Companion Animal Health**

Dr. Michael Kent, Director

**Veterinary Medicine Teaching Hospital**

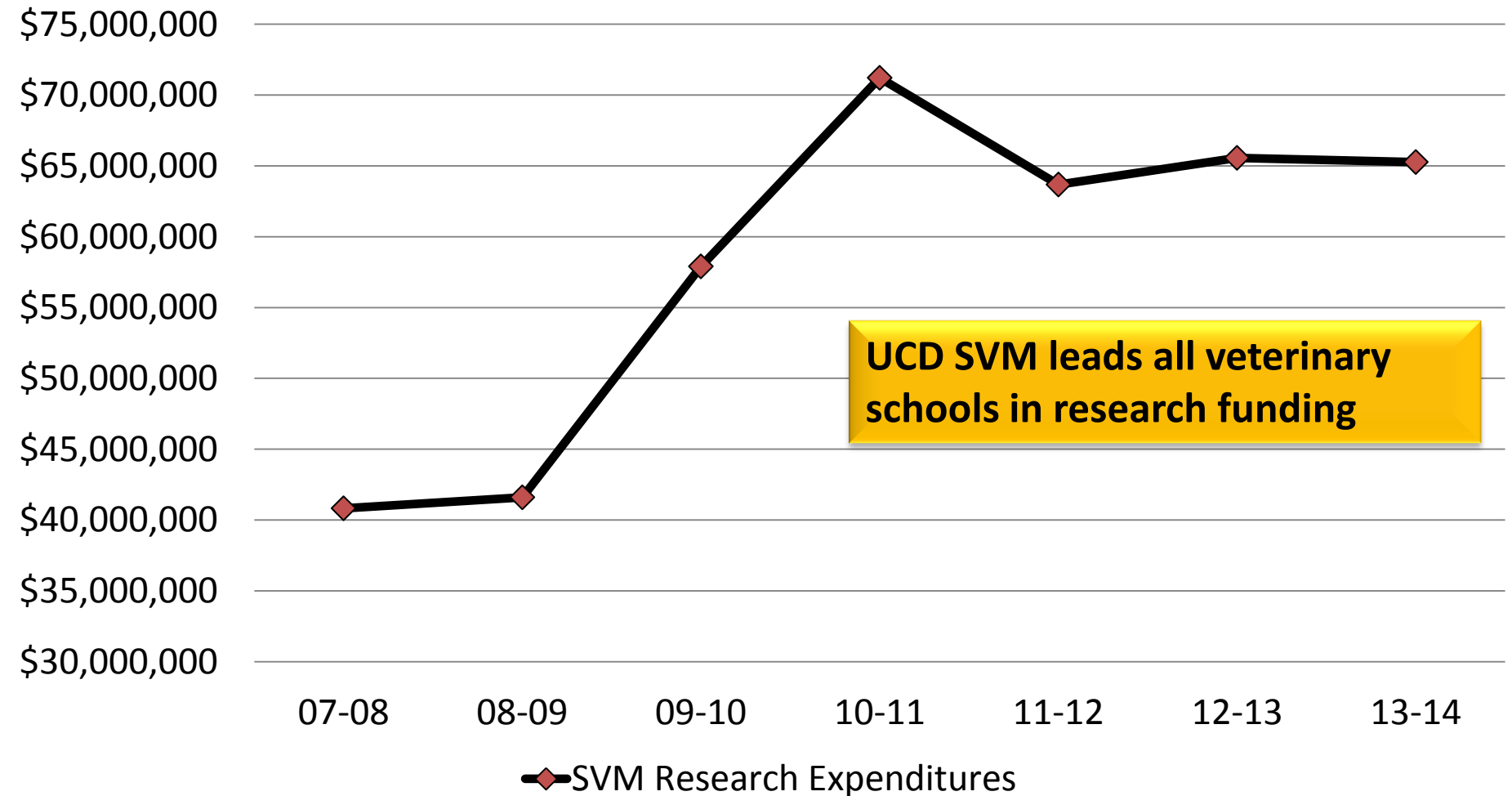
Dr. W. David Wilson, Director

**Short Oral Presentation Schedule**

**Poster Presentations**

Poster viewing, munchies and refreshments

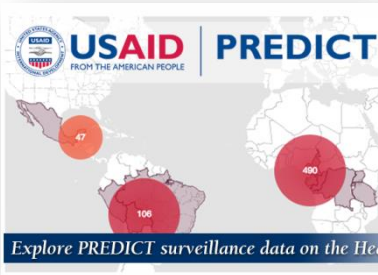
## Trends in Research Expenditures 2007 - 2014



## Centers – Mission Focused Excellence

*The School values individual research attainment and collaborative programs - interdisciplinary and trans-disciplinary teams that identify solutions to society's most complex challenges*

- 36 Centers of Excellence, Institutes, and Program Projects that represent sponsored and organized multidisciplinary research activities led by our faculty
- Broad impact: One Health, Oncology, Biodefense, Equine Health, Wildlife Health, Companion Animal Health, Aquatic Health, Children's Health, etc.



# One Health Institute

## PREDICT

THE WORLD'S MOST COMPREHENSIVE  
ZOOONOTIC DISEASE SURVEILLANCE &  
CAPACITY DEVELOPMENT PROGRAM

**TRAINED** 2,500 government personnel, physicians, veterinarians, resource managers, laboratory technicians, hunters, and students on biosafety, surveillance, lab techniques, and disease outbreak investigation.



**SAMPLED** 56,000+ nonhuman primates, bats, rodents, and other wild animals (including bushmeat samples) at human-wildlife interfaces with high-risk and opportunity for viral spillover from wildlife hosts to humans.



**DEVELOPED & OPTIMIZED** low-cost viral family level consensus PCR methods and synthetic controls for the detection and discovery of new viruses from the target viral families in 32 labs in 20 developing countries around the world.



**DETECTED** a total of 984 unique viruses in wild animals and humans: 815 novel viruses and 169 known viruses – the most comprehensive viral detection and discovery effort to date.



## Surveillance Laboratory

- Support response to two unusual marine mammal mortality events
- Diagnostic support to Marine Mammal Health & Stranding Capacity assistance in 34 labs globally

## Defense Threats Reduction Agency (DTRA)

- Training award for epidemiology
- Global emerging disease prediction models
- Specific pathogen dynamics research (tuberculosis, Rift Valley fever)



# Karen C. Drayer Wildlife Health Center



## Oiled Wildlife Care Network

- World-leading program expanded to include inland spill response

## SeaDoc Society

- Publication of the best-selling *The Salish Sea – Jewel of the Pacific Northwest*

## Gorilla Doctors

- Emergency care saved the lives of 20 critically endangered mountain gorillas in the wild in Africa

## California Conservation

- New research on mountain lion genetics proved the conservation impact of habitat fragmentation in California

## Latin America

- Lead in waterfowl and wetlands informed policy on use of lead shot in Argentina

## KCDWHC Fellowships

- Close to \$20,000 allocated to wildlife-focused student projects



## Center for Companion Animal Health

- Funded 46 Faculty Studies (\$616,138)
- Equipment Grants in Review
- Funded 15 Resident Studies (\$47,775)
- Funded 6 Publications (\$8,465)
- Funded 9 Matching Funds Grants (\$57,500)
- Increased Endowment - \$583,750 to date

### Impact Studies:

- Gene mutation for heart disease in Newfoundland dogs identified
- Feline Health Research Endowment Fund
- Feline Herpes Virus-induced Eye Disease
- Koret Shelter Medicine Program – Yolo County Strategic Alliance
- Comparative Oncology Program



# Center for Equine Health

**Advances the health, welfare, performance and veterinary care of horses through research, education and public outreach**

- \$12.5M Endowment portfolio for research
- \$600K in Research Grants
- \$55K in Resident Research Grants
- Dissemination of research findings through the *Horse Report*
- \$100K in equipment support to VMTH

## **Impact Studies:**

- Regenerative medicine
- Genetic basis of disease
- Equine infectious diseases
- Orthopedics and lameness
- Neurology, Imaging, etc.



## Departments - Excellence in Research, Teaching, and Service



- Six academic departments form the teaching hub of the School
  - Integrate discoveries into teaching, performing research in animal, public, and environmental health
  - Collaborative with multidisciplinary centers and units
- 
- Anatomy, Physiology & Cell Biology
  - Molecular Biosciences
  - Medicine and Epidemiology
  - Pathology, Microbiology & Immunology
  - Population Health and Reproduction
  - Surgical and Radiological Sciences



## Departments – Examples of Faculty Excellence



- Leadership of **Major Research Centers**, e.g., CCEH – Center for Children's Environmental Health (VMB)
- **Leaders in One Health**: Jonna Mazet, PREDICT II Global Disease Surveillance (VME)
- **Leaders in Food Safety and Genetics** – Bart Weimer (PHR)
- **National Award Winning Faculty** - Stephen McSorley – elected Fellow in American Society for Microbiology (APC)
- **Breakthroughs in Microbiology** - Foothill Abortion Vaccine, Jeff Stott; Bluetongue overwinter mechanism, N. Jim MacLaughlan; new viral discoveries, Patty Pesavento (PMI)
- **Innovative clinical techniques** in surgery and radiology – Boaz Arzi, Frank Verstraete, Michelle Steffey & Bill Culp (VSR)

# Provide cutting-edge clinical programs that support education, research and service

- Provide outstanding patient care
- Foster excellence in clinical teaching
- Capitalize on the large and diverse clinical caseload to support excellence in translational and clinical research



## Excellence in Animal Patient Care

*VMTH consistently ranks at the top among all academic veterinary hospitals in reputation and patient visits, caring for ~50,000 patients per year through 34 specialties.*



- More than 120 board-certified faculty members
- More than 340 staff members
- 109 house officers training in 34 specialty disciplines
- More than 135 4th year students
- VMTH now has 15 Veterinary Technician Specialists – certification of specialty discipline for RVTs

## Advancing Equine and Livestock Health

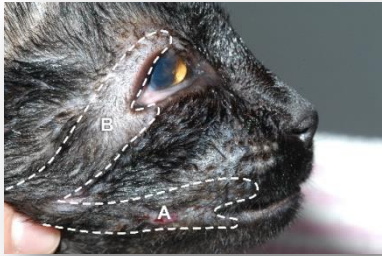


- **New Equine Ophthalmology Service** - dedicated ophthalmology specialist to focus on horses
- **New Internship in Equine Integrative Sports Medicine** - Advanced training opportunity
- **Advancements in Livestock Herd Health and Reproduction Service** - includes embryo transfer, laparoscopic artificial insemination, semen services for small ruminants
- **Maladjustment Syndrome in Foals – Clues to Autism** – multidisciplinary team formed to investigate links between the two conditions





# Advancing Companion Animal Health



## Ophthalmology

- Nasolacrimal Endoscopy: Improvements in instrumentation and access
- Lip Commissure to Eyelid Transposition: Creating new eyelids from cheek/lip tissue for cats with eyelid agenesis

## Soft Tissue Surgery

- Novel interventional oncology applications using cryoablation (nasal tumors, bone tumors)
- Near-infrared fluorescence imaging to ID lymph nodes
- Advancements in minimally invasive surgeries



## Cardiology

- Performed heart surgery with UC Davis Health System cardiologists to treat rare congenital heart defect in cat that is also seen in children



## Dentistry and Oral Surgery

- Advancing jaw surgeries with use of bone growth promoters and surgical implantation

## Quality Customer Service – VMTH Staff Success Daily



***The best way to find yourself is to lose yourself in the service of others.***  
Mahatma Gandhi



# Veterinary Center for Clinical Trials

- Veterinary clinical trials in **10 services and 3 species**
- **> 90 studies** with client-owned animals
- **10 major new trials** to date (\$1.5mil total funding) with increasing industry inquiries
- Core member of **newly established** CTSA affiliated veterinary clinical trials centers
- **1 new clinical trials coordinator** (Schrader)
- Institution of RedCAP for **standardized data capture**
- Ongoing efforts with central campus units to **streamline processes** necessary to initiate and conduct clinical trials



Erik Wisner



Chrissy Kinkade



Heather Schrader



Teri Guerrero

# Stem Cells : Clinical Applications



**Neurologic diseases**



Laryngeal hemiplegia

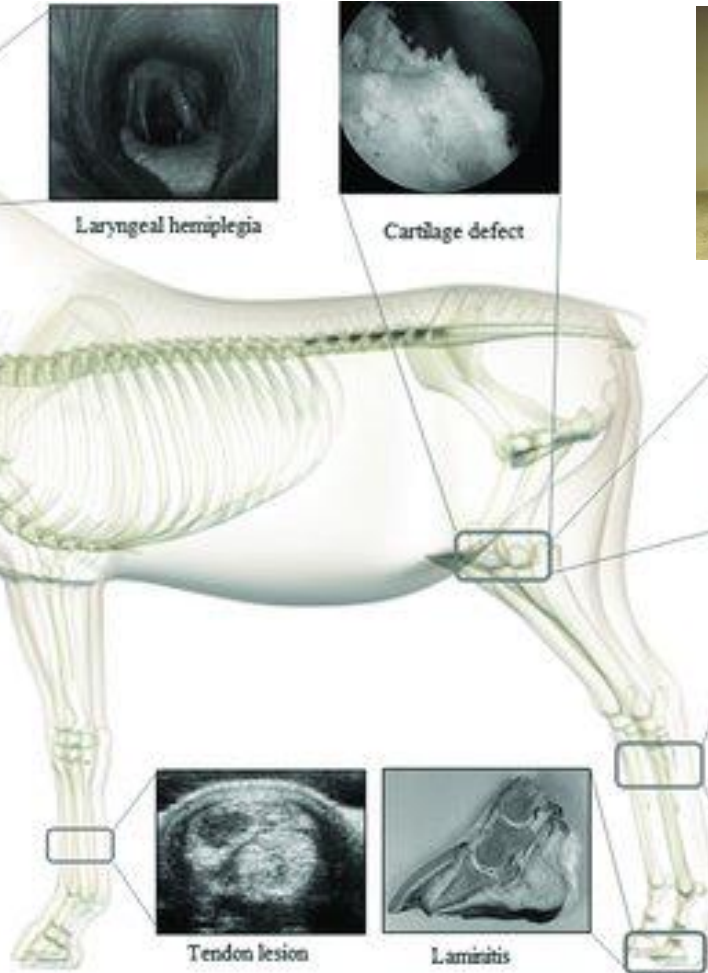


Cartilage defect



Corneal ulcer

**Recurrent Uveitis**



Bone cyst



Chronic wound



Tendon lesion



Laminitis

D. Borjesson 2015



# Strategic Communications and Marketing – Telling the Story

- New website
- Targeted communications – external & internal
- Local and national news stories, e.g., NY Times
- Social media outreach
- Case of the Month

## The New York Times

### Cardiologists, Veterinarian Work Together to Fix Cat's Heart

By THE ASSOCIATED PRESS MAY 15, 2015

SACRAMENTO, Calif. — A California cat named Vanilla Bean with a congenital heart defect got a rare chance at another life.

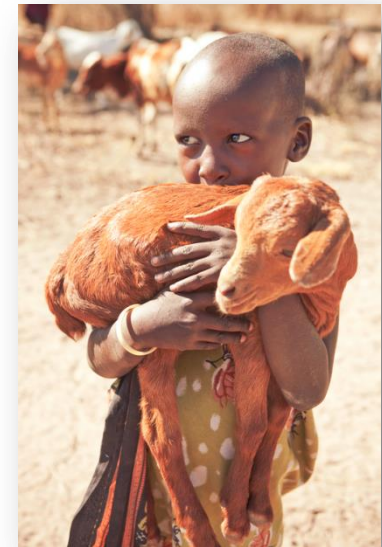


## Role of Development in the Veterinary Hospital – Partnerships in the Mission



# Advance the well-being of animals and people in California and around the globe

- Identify pressing societal problems where the School can make an impact and align efforts to develop meaningful solutions
- Broaden the diversity of the veterinary medicine community at UC Davis and beyond

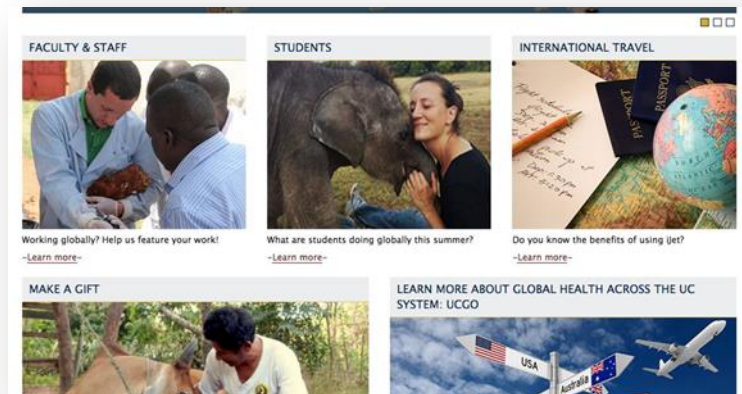


# Office of Global Programs

**Mission:** Promote, facilitate and support global programs that advance the health of animals, people and the environment

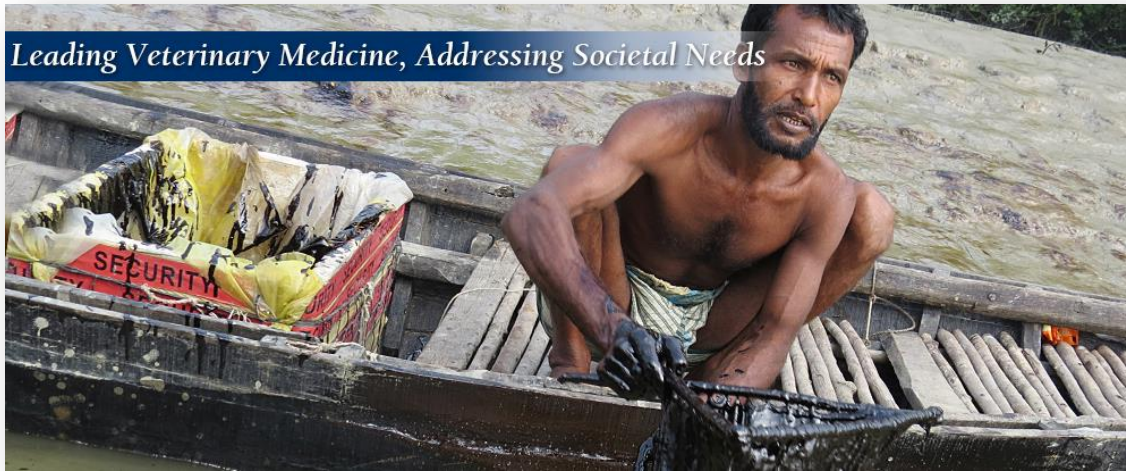
## Selected Accomplishments:

- Established **new student travel agreement and safety training**
- Strengthened **partnerships** across campus & UC (e.g. USAID project w/ CAES; SVM-SOM Global One Health; Bay Area Global Health Seminars; NIH-Fogarty GloCal Fellowships)
- Launched Office for Global Programs **website**
- Paulina Zielinska joined as the **Staff Program Director**





## Oiled Wildlife Care Expert Assists World Heritage Site



- A cargo ship rammed a tanker in **Bangladesh's** Sela River in December of 2014, spilling 92,000 gallons of oil into the world's largest mangrove forest
- Sundarbans, site of the spill at 3 different wildlife sanctuaries, and a **world heritage site**
- OWCN Director Mike Ziccardi was called in to help with assessment, spending ~2 weeks during the spill's aftermath

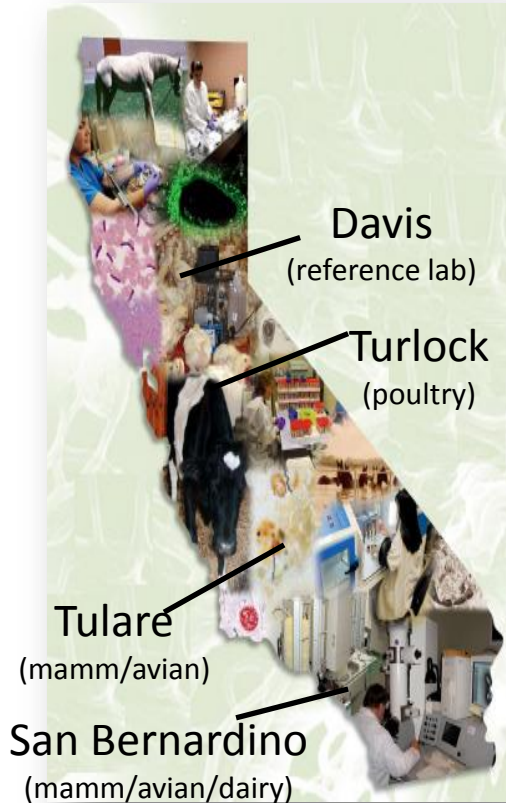
# Identifying Future High-Producing Dairy Cows for Sustainable Dairy Herds



Dr. Heidi Rossow,  
VMTRC

- Effect of mitochondrial function on **energetic efficiency and health** in dairy COWS
  - Central to **nutrient processing** due to their role in fatty acid oxidation, TCA cycle, amino acid degradation, and urea cycle
  - Mitochondria that have impaired function or damage impact metabolism and susceptibility to metabolic disease

# California Animal Health and Food Safety Laboratory System



- Partnership with CDFA, vets and livestock/poultry industries
- California's only comprehensive veterinary diagnostic lab system
- **Example** - Highly Pathogenic Avian Influenza (HPAI) detected in a commercial poultry operation in Kings County, California → Containment from widespread state-wide outbreak



# New Diagnostic Laboratory in Tulare



- **Funding from the California Department of Food and Agriculture**, part of the California Animal Health and Food Safety system - completion Spring 2016

- Located at Veterinary Medicine Teaching and Research Center **in Tulare**
- ~53,000 gross sq. ft. new veterinary diagnostic testing laboratory
- Safeguarding **public health** with rapid and reliable diagnosis of animal diseases
- **New student housing** units for rotations in dairy production







## Programs:

- **28 on campus**, regional, international
- Continuing Education Hours: 257
- We reached:
  - **867 veterinarians**
  - **509 RVTs**
  - **1,073 animal owners**
  - *And a few Allied Health Professionals*

## Examples

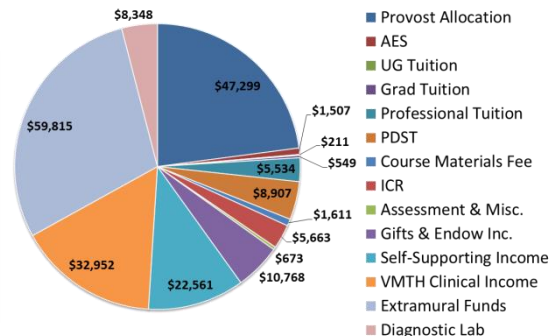
- One Health Symposium
- Conference on Feline Health
- Backyard Poultry
- Fall Symposium
- Primary Care Veterinary Educators World

- **New website**
- Managed finances with rolling budget
- Maximized use of Salesforce for client and vendor database
- **New endowment established**



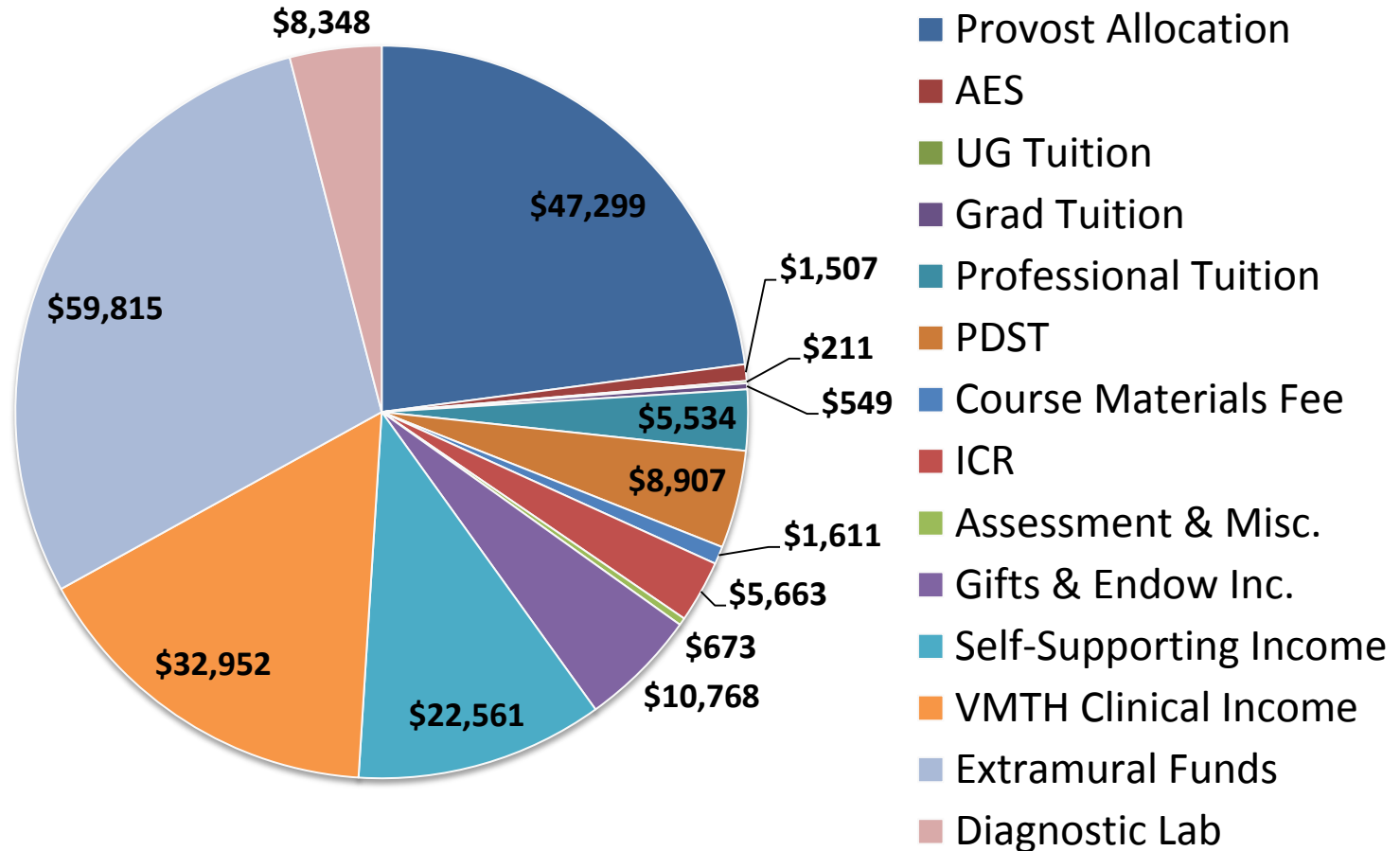
# Ensure effective School-wide management infrastructure and sustainable financial resources for the future

- Optimize the financial position of the School of Veterinary Medicine
- Strengthen internal communication, transparency and collaboration
- Elevate the School's capability in marketing, branding and public relations
- Review and optimize the School's organizational structure



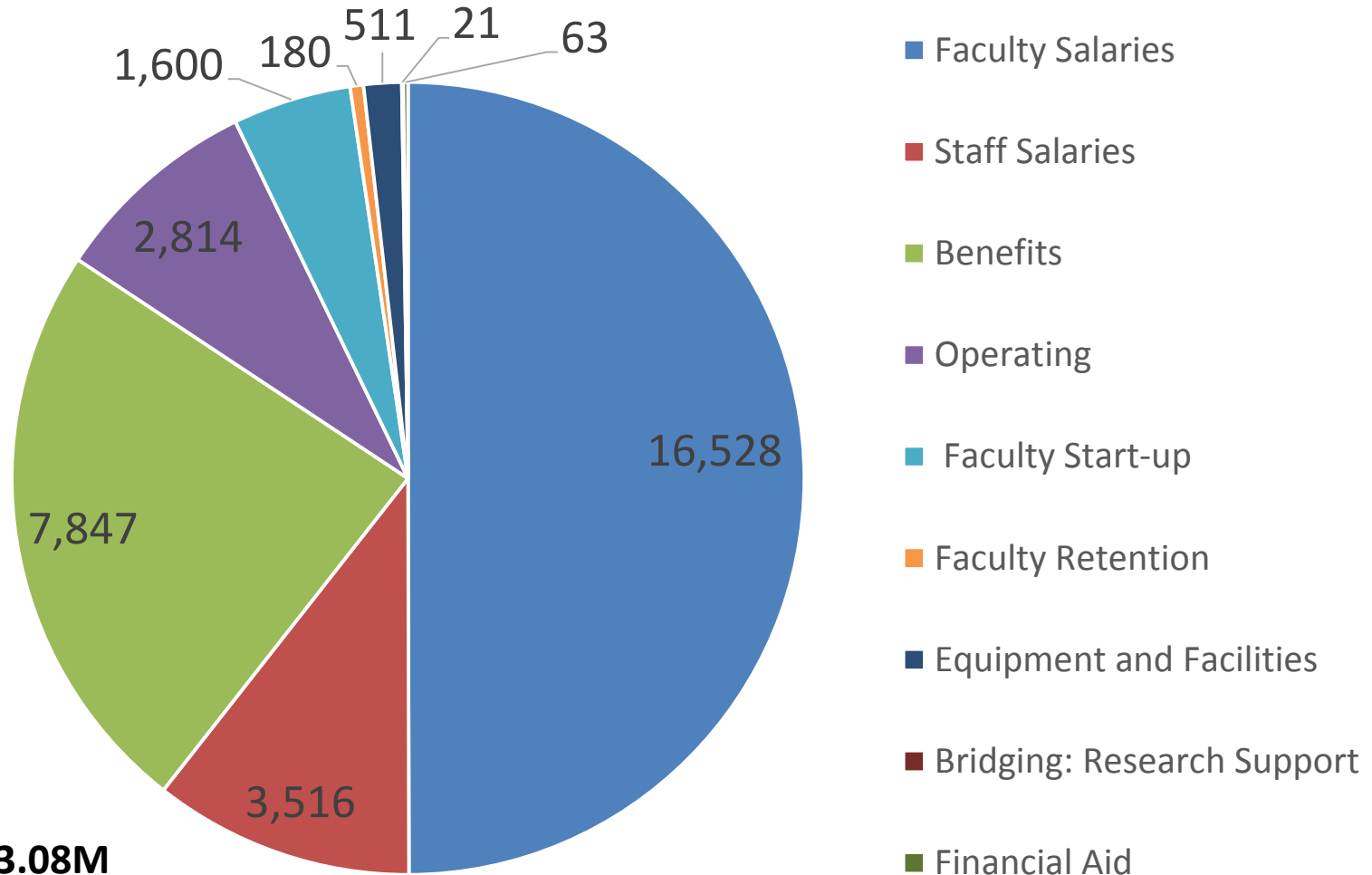
# Overview: Total SVM Projected Revenues 2014-15

Revenues (in thousands)



**Total Projected Revenues (includes extramural funds projection) = \$206,398,000**

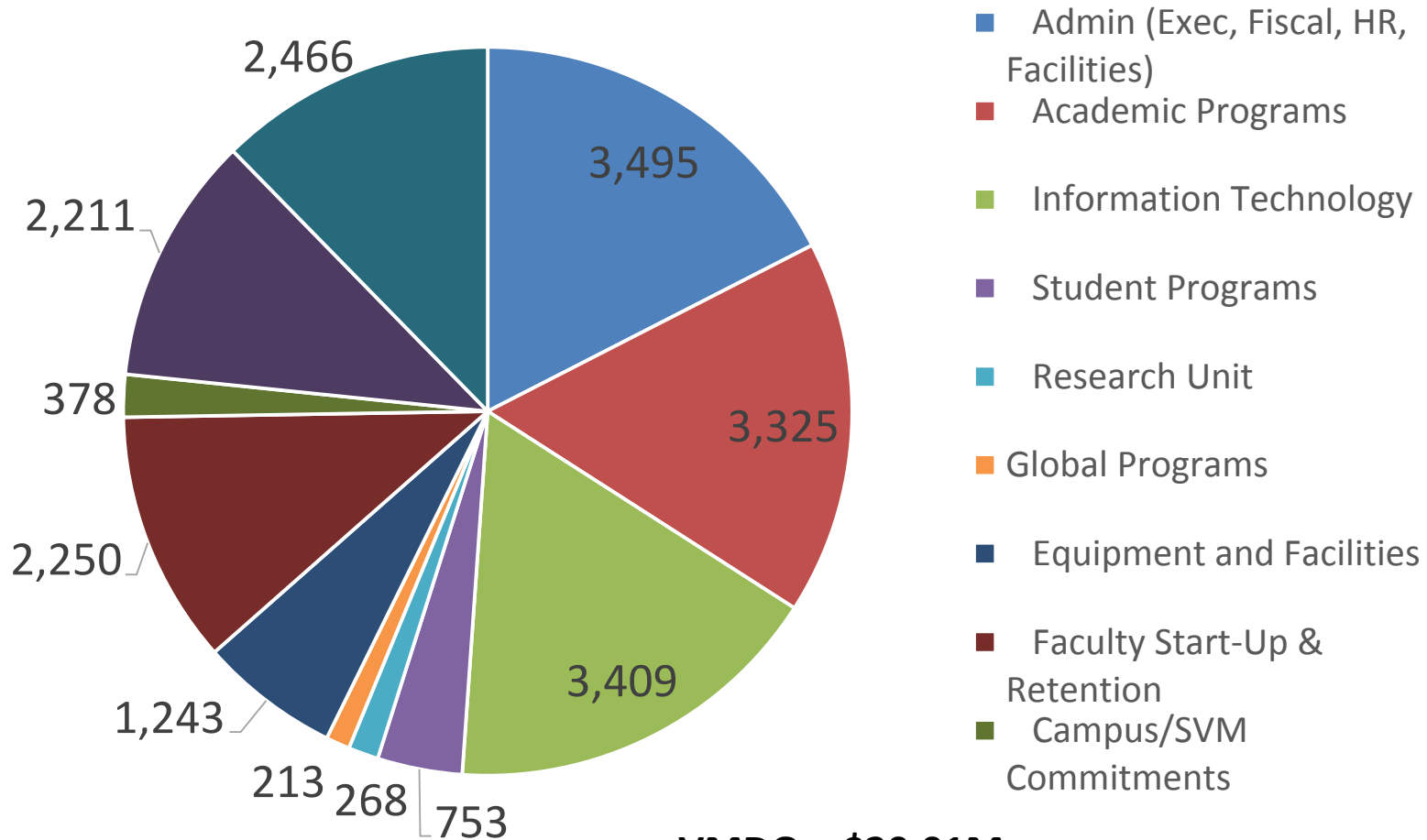
# Core Funds – Allocation to Departments 2014-15



**Total: \$33.08M**  
**45% of core funds**

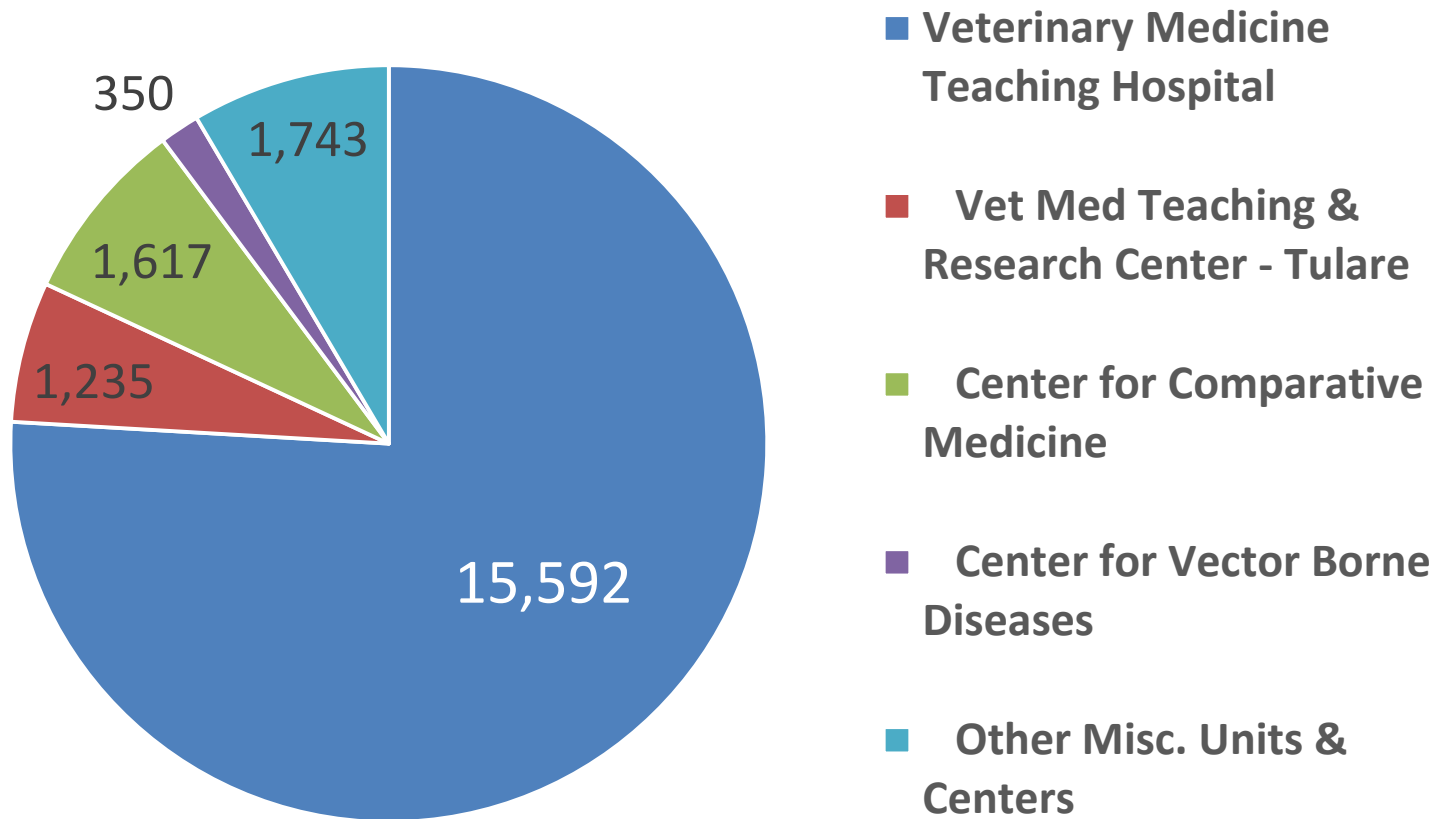


# Core Funds - Allocation – VMDO, 2014-15



**VMDO = \$20.01M**  
**27% of Core Funds**

## Core Funds Allocation – VMTH and Centers, 2014-15



**VMTH & Centers = \$20.54M**  
**28% of Core Funds**

# SVM Priority Investments: Teaching and Student Focus



- 1. Developing a clinical skills laboratory**
  - Hiring 2 staff members as technical support
- 2. Scholarships and Outreach**
  - USAP funds for targeted outreach
  - Scholarship Program SVM allocates ~\$6.6 million per year to our DVM students
- 3. Enhanced Grad Group support:**
  - Support 3.5 Grad Coordinators' salaries and benefits
  - Graduate fellowship program
  - Graduate group for outreach events

## SVM Priority Investments: Teaching and Student Focus (continued)



Launched a **Career, Leadership and Wellness Center**

**1. Career Development Director, Janel Lang**

- Career coaching, resume/CV writing, interview techniques, tools, internships/externships, etc.
- New **VetMedJobs** online job board



**2. Leadership Program Director, Gene Crumley**

- Professional development
- Leadership styles; groups and organizational
- Ethical leadership, and leadership for life

**3. Mental Health and Wellness program, Dr. Zachary Ward**

- Counseling to our DVM students
- Mental health services: students, faculty, and staff





## SVM Priority Investments: Research Initiatives



### (1) Research mentoring, core facilities management, and web resources

- EGRiT - research proposal submission portal database
- SciVal –faculty & institutional research performance
- Research mentoring – grant applications and writing

### (2) Veterinary Institute for Regenerative Cures (VIRC) – gift

### (3) Veterinary Center for Clinical Trials (VCCT)

### (4) STED Microscopy Shared Resource Facility Pharmacokinetic-Pharmacodynamic (PKPD) Research Core – gift

### (5) Biomedical and Engineering Entrepreneurship Academy

## SVM Priority Investments: Information Technology Initiatives

1. Created an **IT Shared Service Center** by merging our two IT groups
  - Leverage support across VMTH and VMDO units
  - New project management software tool, Trello
2. Enhance our **Healthcare Information System (HIS)**
  - SVM Task Force reviewed - current system best tool
  - ~ 30 years of patient records
  - Developing project plan for new platform
3. Adaptive Insights as a **budgeting and reporting tool**



# SVM-IT Help Portal

SVMITHelp

Personalize Log out

Home Requests Solutions My Details

Request Catalog

## My Requests Summary

Pending 15

Awaiting Approval 0

Waiting Update 0

## Announcements

No active announcements found

Show all



## Submit your request

Click above link to report an issue or to request a service.



## Popular Solutions

Search Solution

### Onboard of people

a. New Account i. For service xyx b. Email Address c. Are there ...

### How to setup a cell phone or computer for access to email or calendar services at UC Davis

a. The Campus' central IT Support, IT Express, supports Office 365 ...

### How do I dispose of old electronics or e-waste?

a. If you have electronic equipment that requires disposal, SVM-IT may...

### I am getting poor cell phone coverage, what can I do?

a. Coverage is provided by your Cellular Carrier. Service on the campu...

### How do I get a Computer Account?

a. All employees of the UC Regents and students enrolled in a course o...

More...

## SVM-IT Help Portal

Contact us:

- By emailing [svmithelp@ucdavis.edu](mailto:svmithelp@ucdavis.edu)
- By calling 530-752-8953
- By visiting the [Service Desk office](#) (8-5, M-F)

SVM and VMTH Resources:

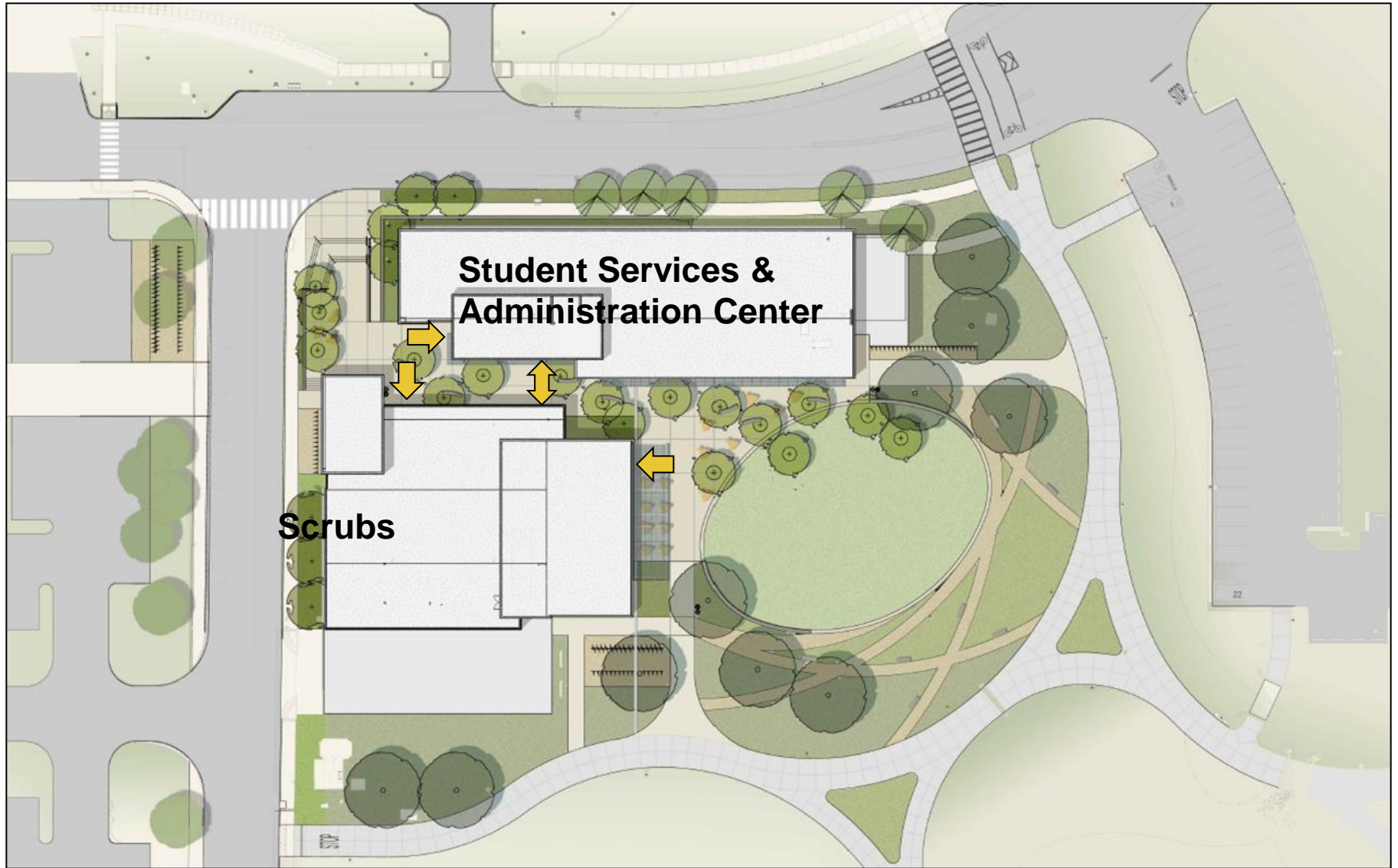
- [SVM's website](#)
- [CERE](#)
- [CREST](#)
- [VIPER](#)
- [VMACS - VMTH](#)
- [VMACS - Gourley](#)
- [VMACS - San Diego](#)
- [Infoshare](#)

## Student Services and Administration Building (2016)



- New Student Services and Administration building stimulated by the generous gift from the Kootenay Trust
- The building will include Student Programs, Academic Programs, Research and Graduate Education units as well as the Dean's office administrative units and a subset of the VMTH administrative units (finance, HR, and IT)
- A dining service and café (with a window for walk-up service) that will replace our Scrubs dining facility





# Student Services and Administration Building

View from Northeast





# Student Services and Administration Building

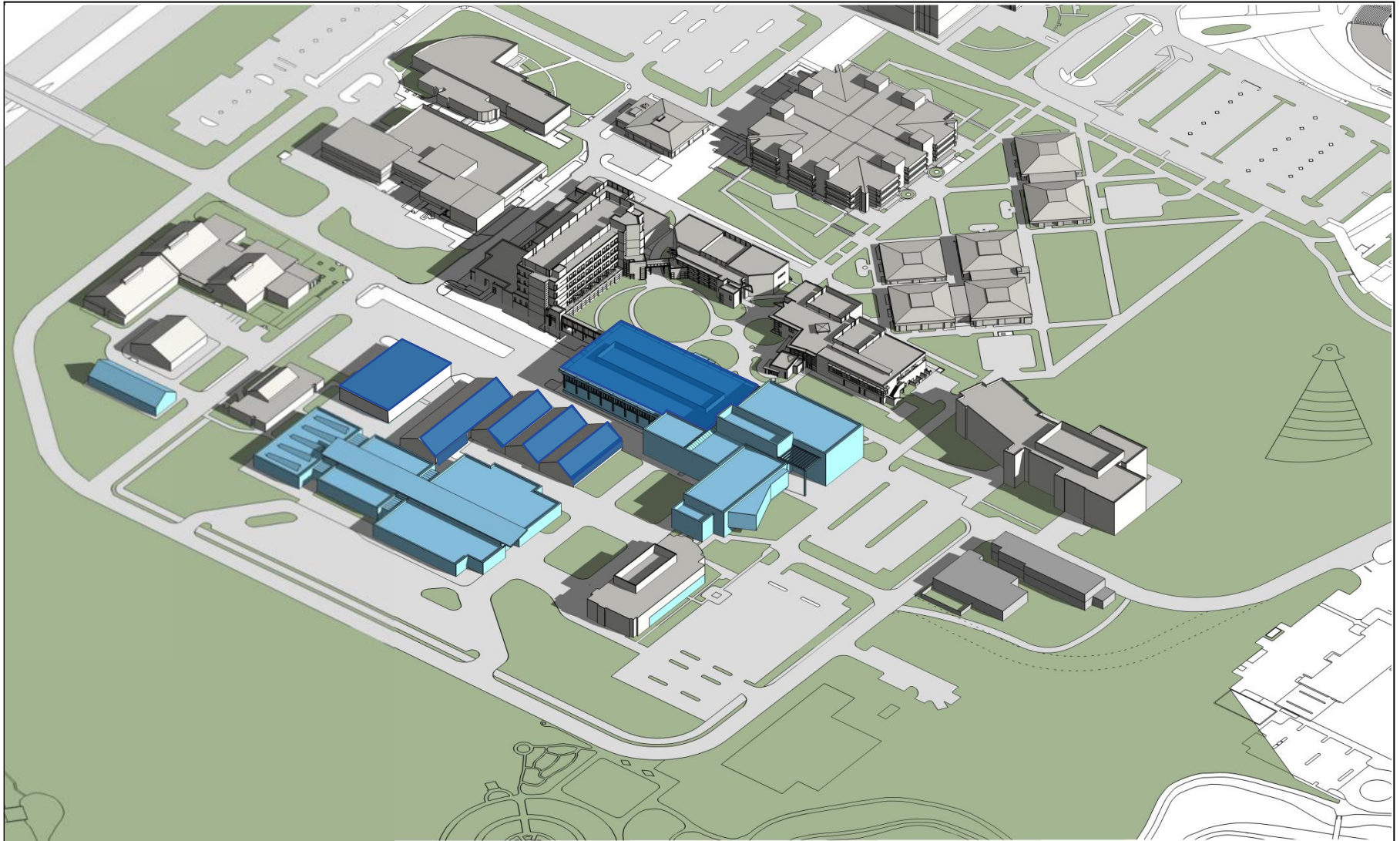
# Entry Plaza





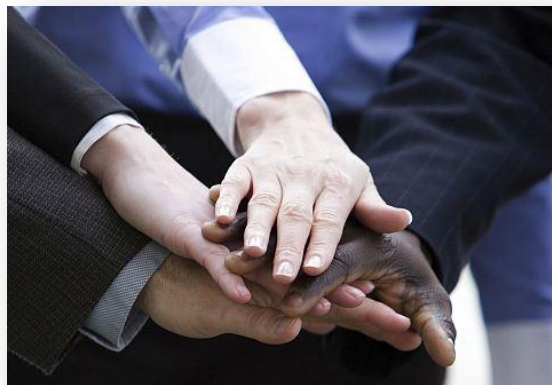
# Veterinary Medical Center

All Phases





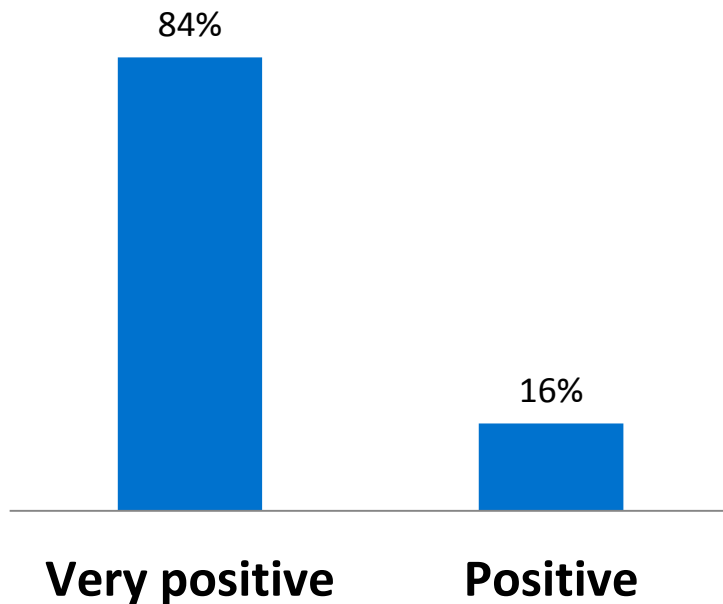
# FUND RAISING CAMPAIGN ASSESSMENT



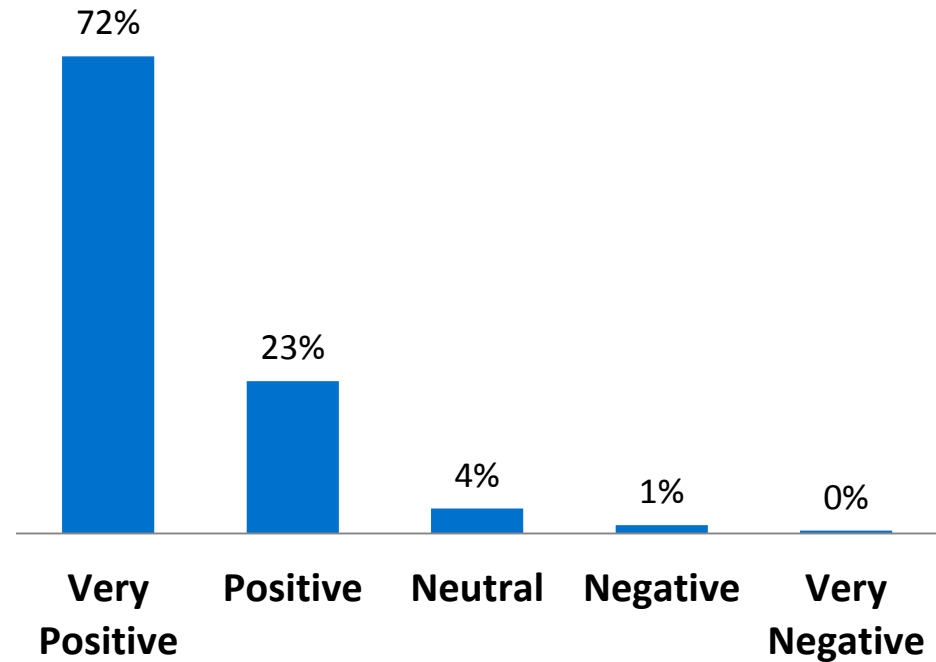
- Marts & Lundy Consultants, February – March 2015
  - **Objective:** determine level of interest in proposed \$200 million campaign for first phase of VMC Master Plan
- 
- Conducted by **Personal Interviews** - 31 past top donors
  - **Online survey - 4,443 individuals:** donors, clients, alumni
  - Study designed to elicit responses to the following key predictors of campaign success:
    - **Attitude** towards the School of Veterinary Medicine
    - **Priority of the School** among interviewees' philanthropic interests
    - **Perceptions** of the School's programs and reputation
    - **Willingness to give**

# How do you feel about the School of Veterinary Medicine?

## Personal Interviews

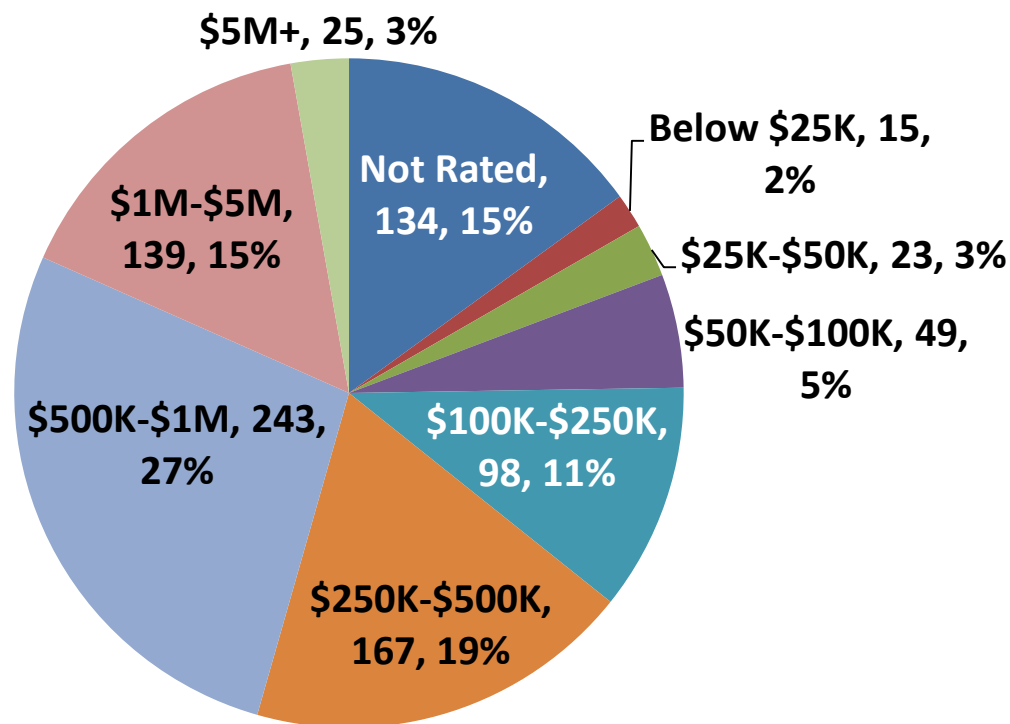


## Online Survey



# Capacity to Give

**\*\* 164 respondents (18%) have an estimated philanthropic capacity of \$1M or more over a five-year period \*\***



# FUND RAISING GOALS

- **Articulate the priorities**, benefits, and impact of VMC
- Speak with **one voice** internally and externally on importance
- **Engage academic and volunteer leadership** in support of philanthropy for the VMC and SVM
- **Maintain focus** by Faculty, Staff, Administration, & gift officers
- Procure significant **lead gift** commitments
- **Planning and Building Funds Established**



# Recruit, retain and cultivate excellent and productive faculty and staff

- Recruit faculty to support strategic initiatives and succession planning
- Provide a supportive environment to foster faculty and staff success





# New Faculty

- Diagnostic Imaging
- Internal Medicine
- Shelter Medicine
- Exotic and Zoological Medicine
- Livestock Medicine
- Cardiology
- Equine Surgery
- Community Surgery
- Orthopedic Surgery
- Integrative Medicine
- Behavior
- Ophthalmology
- Neuroimmunology
- Bioinformatics
- Epidemiology
- Diagnostic Pathology
- Genetics
- Aquaculture Medicine
- Microbial Pathogenesis

# Faculty Recruitment and Retention Resources



- An innovative **regional employer network**
- Fee for service non-profit provides **dual career support, family integration services and cultural transition resources to new employees**
- **Ease transition** for newly relocated hires and families during their first year of relocation



## **John R. Pascoe**

Executive Associate Dean

- New initiatives, curriculum, academic personnel and facilities planning
- **Faculty recruitment and retention**

## Faculty Awards and Leadership – Recognition of Excellence

- Specialty College Awards
- Practitioner of the Year Award
- Career Achievement Awards
- Clinical Research and Education Awards
- Exotic Mammal Health Awards
- Plenary Speakers at National Meetings
- Internationally Recognized Scientific Association Awards
- New Center Directors
- New Graduate Training Directors
- New Clinical Directors





## Progress on Faculty Salary Improvements



**March 2015:** Academic Affairs supported SVM-funded equity proposal and request a combined proposal for UCOP to review SVM salary scale and allowing faculty to keep non-patient consulting fees

**April 2015:** *Focused equity increase of 2% implemented effective April 1, 2015.* We identified \$3 million in endowment funds to support this equity program for faculty in the SVM Professorial series at the Associate or Full rank, without an off scale salary and with a progress rate of  $\geq 1.0$

**April 2015:** SVM, the Budget Office, the Academic Affairs Office met with UCOP Vice Provost Susan Carlson to discuss the entire salary scale review → Identified next steps

**Next Steps:** SVM, Budget Office, and Academic Affairs Office will **develop a timeline for funding the faculty salary scale increase**

## Selected Staff Awards



**Jessica Drushell**, program coordinator for the Graduate Group in Immunology, received the 2015 Award for Excellence in Service to Graduate Students



**Darlene Riel**, Gourley Teaching Lab Supervisor, received the 2014 Disability Awareness Recognition Award based on her contributions to the campus community



**Celeste Borelli**, external relations manager, received the UC Davis Development Collaborator Award, one of five Excellence Awards presented by University Development

# UC Davis Staff Assembly Citation of Excellence Recipients and Nominees



## Team Staff Award Recipients

Rob Warren  
VMTH Communications Officer

Trina Wood  
SVM Communications Officer

## *Honorable Mention*

*Patrick Van Dyke  
SVM Central Services*

## *Nominees*

*Innovation:  
Candace Aguilar -- Gourley Center*

*Teaching:  
Nicole White -- Gourley Center*

*Service:  
Megan Badgley -- VMTH AHT III (Dentistry)*



# Examples of our excellent staff: Members of the VMTH's Clinical Laboratory Services

*Leading Veterinary Medicine, Addressing Societal Needs*



*“Productivity is never an accident. It is always the result of a commitment to excellence, intelligent planning, and focused effort.” -- Paul J. Meyer*



# Build strong collaborations across UC Davis and with other academic, government, agricultural and business partners

- Strengthen external collaboration in all mission areas
- Promote collaboration with other schools and programs at UC Davis



# Western Veterinary Colleges Teaching Academy



The **mission** - ensure that the members of the consortium collaborate to develop, implement, and sustain the best practices in veterinary medical and biomedical education in our colleges, and to establish veterinary medical educator/biomedical educator as a valued career track



Joie Watson, Chair  
Steering Committee

- The Academy preparing for this summer's Biannual Conference (July 22-24) in Pullman, WA
- The Spring Newsletter highlights the conference schedule, and provides updates of the two working groups and the membership committee

# CA Dairy Management Seminars Bring Together Researchers, Dairy Employees



- >100 dairy farm employees, dairy managers and owners, veterinarians, nutritionists and members of allied industry **attended seminars in Modesto and Tulare** in February on feed preparation and delivery on California dairy farms
- Free seminars were presented in **Spanish and English** by Dr. Noelia Silvia del Rio, a UC Agriculture and Natural Resources CE Dairy Specialist (PHR) and Jennifer Heguy, a UC ANR CE Farm Advisor in Merced, Stanislaus and San Joaquin Counties



## Helping California stay #1 in milk production

*We couldn't love that mooore.*

- UC Davis College of Agriculture and Environmental Sciences, “One California,” to promote leadership in agriculture and food safety
- SVM represented in **Dairy, Beef and Poultry**

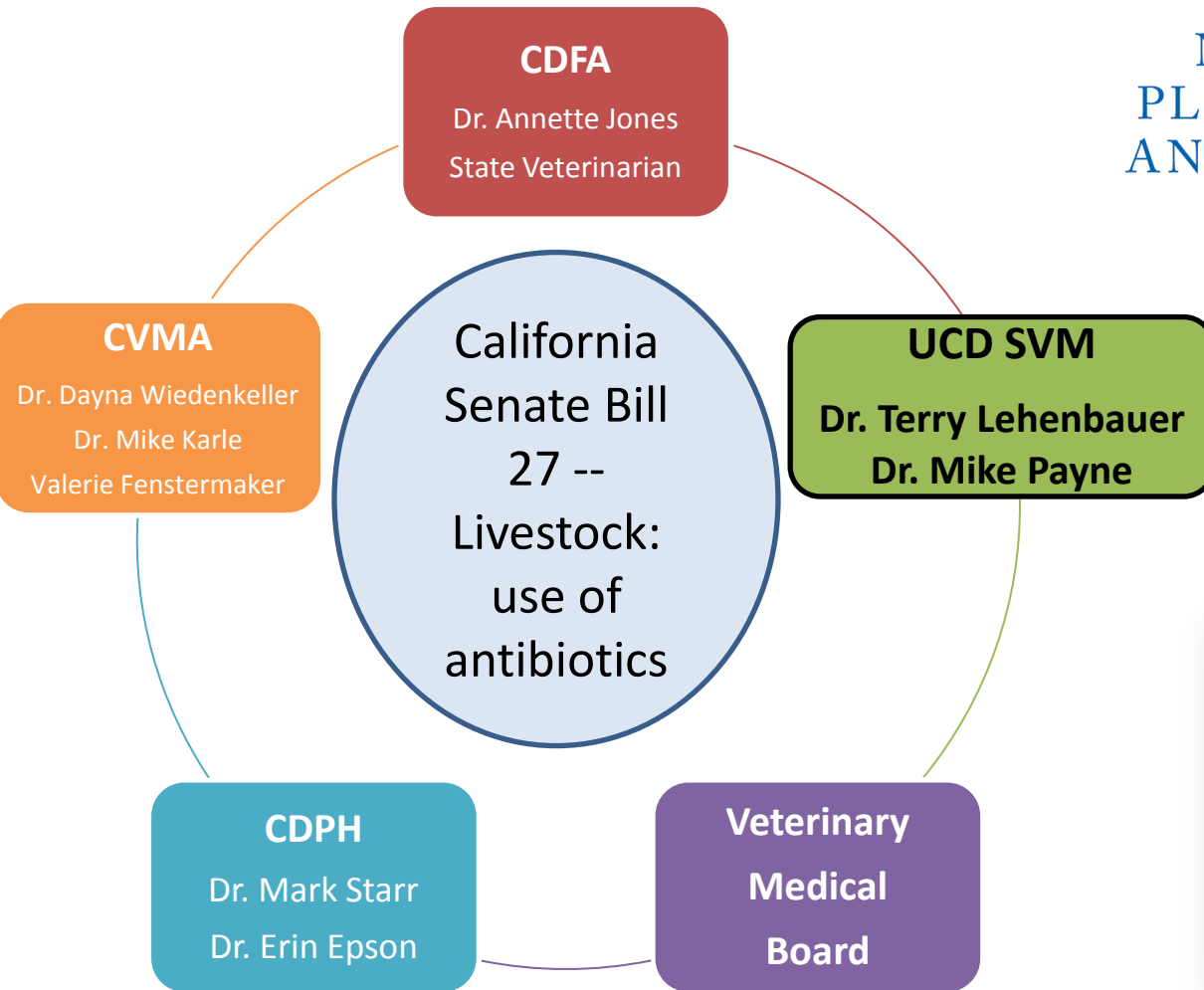
### Key Messages:

- Showcase impact of UC Davis on agricultural economy through voices of industry leaders and alumni, faculty researchers, and students
- Remind Californians of UC Davis’ land-grant tradition and service to people and society



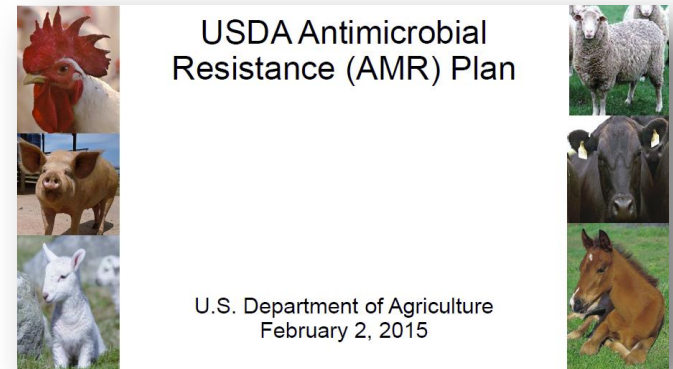
# Academic, Government, and Industry Collaborations

## Antimicrobial Stewardship & Antimicrobial Resistance



## NATIONAL ACTION PLAN FOR COMBATING ANTIBIOTIC-RESISTANT BACTERIA

MARCH 2015



# UC Veterinary Medical Center – San Diego



- Expanded Cardiology Service and Collaborations with VMTRC – Dr. Timothy Hodge
- New Pharmacy to Facilitate Teaching Veterinary Pharmacy
- Started Nephrology, Hemodialysis Fellowship
- San Diego is testing the first hemodialysis machine for infants



- “One Medicine” through interdisciplinary comparative medical research, teaching, and model development
- Research mission - investigate the pathogenesis of human disease and naturally occurring animal diseases

- Improving health and advancing science with interdisciplinary biomedical research on significant human medical conditions throughout lifespan
- Research - new diagnostics, therapeutics, and clinical procedures that enhance quality of life for both humans and animals

# Partnerships in Global Food Safety



- **Western Institute of Food Safety and Security** facilitated One Health Food Safety Symposium October 23 -24, in Nanjing, China
- Co-sponsored by the University of California, Davis, and Nanjing Agricultural University
- Academia and government officials meet to discuss global education system to address the challenges of food safety in the 21st century, faculty, and student exchanges







## Challenges Faced/Facing the School

### Death of Whitney Engler – Community in Sorrow

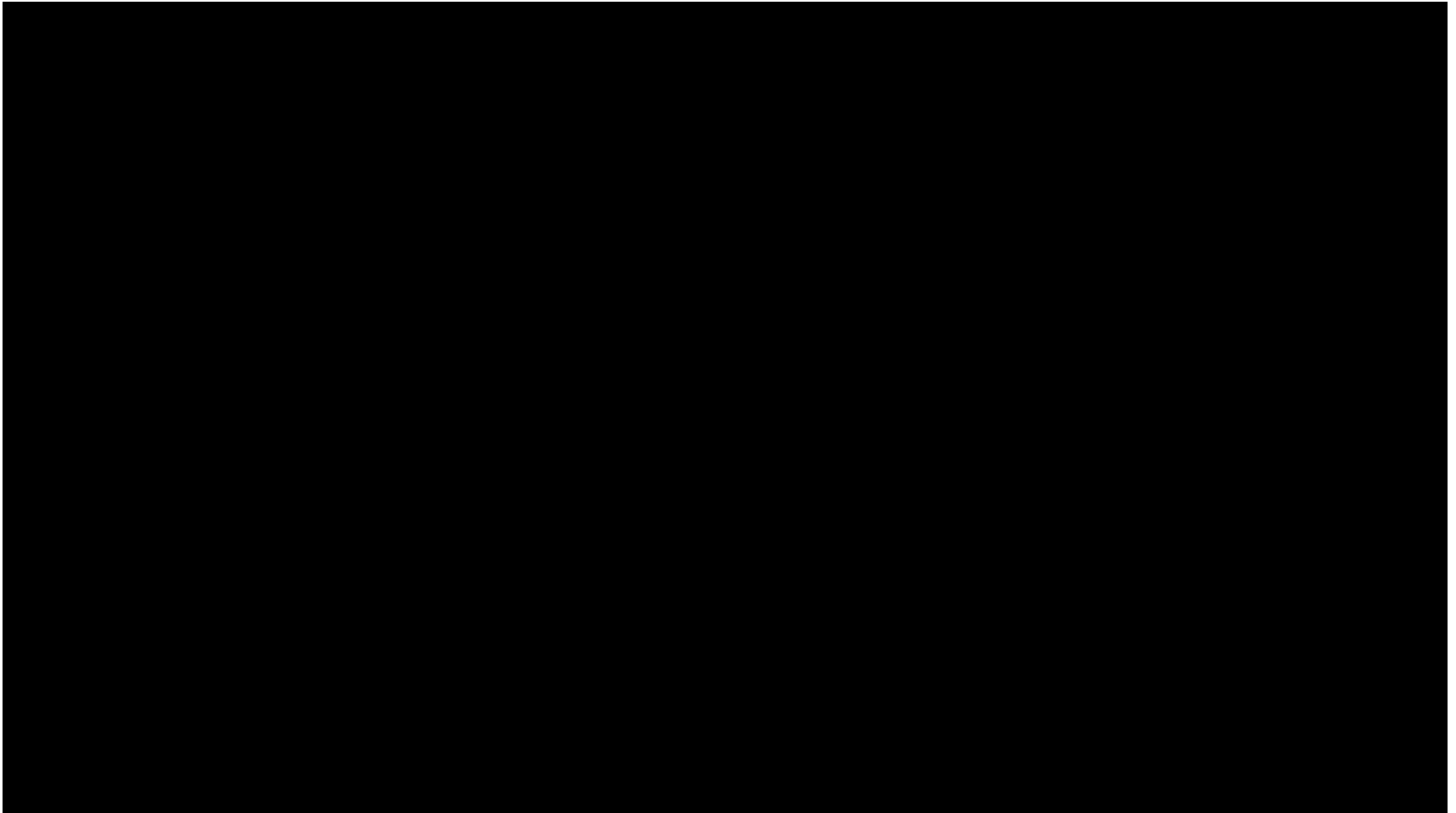
- Student debt and rising cost to educate veterinary students
- State support unlikely to be increased as substantial portion of budget
- Fundraising for new Veterinary Medical Center – largest capital project in SVM history
- Faculty salary scale and gap among peers
- Increasing benefit costs for faculty and staff
- Managing conflicts and professional behavior
- Balancing wellness in a high-performance environment
- Diversification of workforce
- Innovative ways to enhance revenue to maintain #1 status

# Opportunities and Strengths



- Exceptional quality of faculty, staff, and students
  - Resources and reputation of SVM at UCD and beyond
  - Innovation and entrepreneurship among faculty and staff
- 
- Funding base in California and beyond – capacity
  - Stakeholder engagement and support – partnerships to enhance mission
  - Client-base and community support
  - Alumni – as network to enhance mission and connect to School
  - Scientific impact of discoveries to advance animal, human, and environmental health

## Pint, our Animal Ambassador and UC Davis Mascot



# Questions?

