

Office of Continuing Medical Education, David Geffen School of Medicine at UCLA

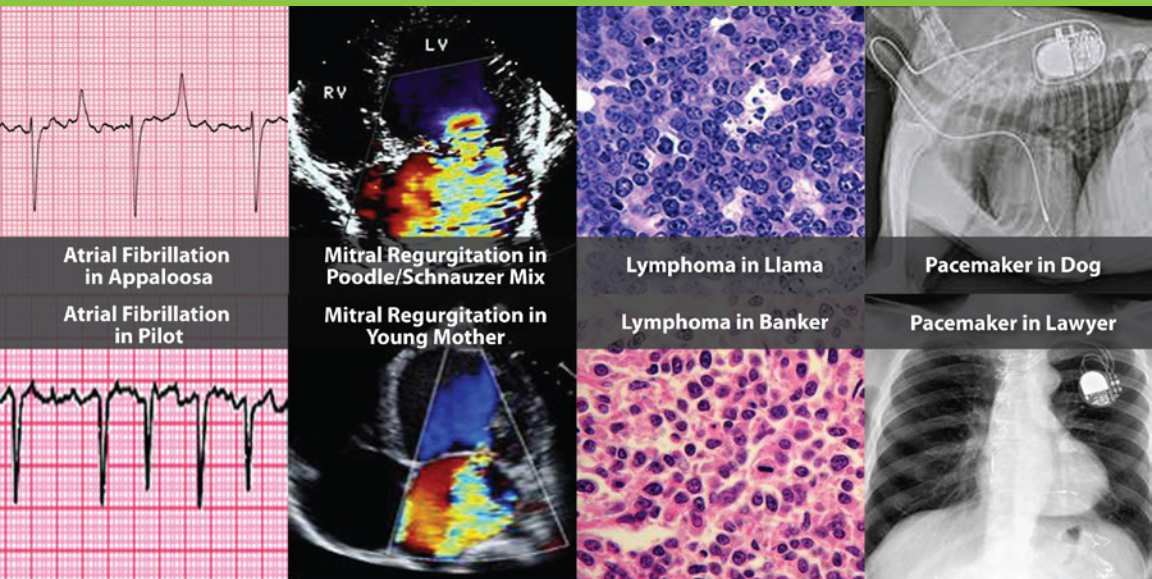
In conjunction with

UC Davis School of Veterinary Medicine & the Los Angeles Zoo

Present the first

ZOOBIQUITY™

A Species Spanning Approach to Medicine



A conversation between veterinarians and human physicians
caring for the same diseases in different species

Saturday, January 29, 2011

Ronald Reagan UCLA Medical Center
Tamkin Auditorium

and

Los Angeles Zoo & Botanical Gardens
Los Angeles, California

CME OFFICE OF
CONTINUING
MEDICAL
EDUCATION

DAVID GEFGEN SCHOOL OF MEDICINE at UCLA

Course Description

Comparative medicine once occupied a primary position in medical thought and education. Today, although the spectrum of clinical illness in animals and humans overlaps tremendously, veterinary and human clinical medicine operate in largely separate professional silos. Our fields come together episodically around concerns such as food safety, emerging infections and zoonoses. But the connections between human and veterinary health and clinical practice extend far beyond these issues—a reality well known to veterinarians but less well recognized by human physicians.

One step to facilitate understanding of the global and species-spanning nature of illness and health is to literally facilitate introductions between clinicians on both sides of this “species-divide.”

Zoobiquity Conference is organized by the UC Davis School of Veterinary Medicine, the David Geffen School of Medicine at UCLA, and the Los Angeles Zoo and Botanical Gardens. The conference is designed to bring together leading clinicians and scientists in both human and veterinary medicine to discuss the same diseases in a wide spectrum of animal species and human beings. The intention of this cross-disciplinary conference is to create conversations and relationships between human and veterinary colleagues confronted with similar clinical challenges. By crossing disciplines in this way we can significantly expand the perspective of clinicians, scientists and patients about these shared disorders and about the broader concerns relevant to all patients and practitioners.

The morning will begin in the auditorium of the Ronald Reagan UCLA Medical Center. Veterinary and human sub-specialists will compare diagnostic and therapeutic approaches to their patients in the areas of Cancer, Cardiovascular Disease, Psychiatry/Behavior, and Infectious Disease.

Following the morning program, conference participants will board buses and travel to the Los Angeles Zoo to participate in 4 clinical “walk rounds” led by the zoo’s veterinary staff featuring several fascinating animal cases with important comparative elements. Experts in both veterinary and human medicine again will provide commentary highlighting the importance of collaboration between veterinary and human physicians. A cocktail reception will conclude the conference and participants will board buses back to UCLA.

Zoobiquity, a term coined by Dr. Barbara Natterson Horowitz and Kathryn Bowers, describes a new, species-spanning approach to health that draws on expertise from veterinary and human medicine—to the advantage of both.

Whether examining shared molecular structures or identifying surprising common behaviors, Zoobiquity urges physicians and veterinarians to engage in conversations that can lead to new ways to diagnose, model, and treat diseases of many kinds. Just as Zoobiquity aims to unite human and animal medical practice, the term Zoobiquity itself combines the language of two cultures: “zo-” (Greek for animal) and “ubiquite,” (Latin for everywhere).

Goals and Objectives

The purpose of the conference is to facilitate an understanding of the global and species-spanning nature of health (One Health). The conference aims to provide a program that will allow the development of relationships to bridge the “species-divide” and encourage a broader understanding of disease.

We hope that the development of these relationships around shared clinical challenges will lead to:

- Broader consideration of the epidemiology of disease (with implications for shared environmental triggers/exposures)
- Potential for new approaches to the diagnosis and treatment of disease in both animals and humans
- New collaborations and novel hypotheses for investigation
- Greater appreciation for the shared biology and pathophysiology of humans and animals. By extension, this points to the shared vulnerability of many species (including humans) to the same basic health threats—a message which speaks directly to the need for a global/species-spanning approach

Faculty

Course Chair

Barbara Natterson Horowitz, MD

Associate Clinical Professor of Medicine/Cardiology
Department of Medicine
David Geffen School of Medicine at UCLA

Course Co-Chairs

Patricia A. Conrad, DVM, PhD

Co-Director of One Health, UC Global Institute
Professor of Parasitology
Department of Pathology, Microbiology
and Immunology
UC Davis School of Veterinary Medicine

Cheryl Scott, RN, NP, DVM, MPVM

Program Director, Calvin Schwabe One Health Project
UC Davis School of Veterinary Medicine

University of California, Los Angeles

Daniel T. Blumstein, PhD

Professor & Chair
Department of Ecology and Evolutionary Biology

Andrew Drexler, MD*

Professor of Medicine
Co-Chief, Division of Clinical Endocrinology, Diabetes
and Hypertension
Director, Gonda (Goldschmied) Diabetes Center

Michael Gitlin, MD*

Professor of Clinical Psychiatry
Director, Adult Division
Director, Mood Disorders Clinic
Department of Psychiatry

Richard J. Jackson, MD, MPH

Professor and Chair
Department of Environmental Health Sciences
UCLA School of Public Health

Albert Lai, MD, PhD*

Assistant Professor
UCLA Neuro-Oncology Program
Department of Neurology

Claire Panosian-Dunavan, MD, DTM&H* (London)

Medical Journalist and Past-President
American Society of Tropical Medicine and Hygiene
(2008)
Professor of Medicine/Infectious Diseases
UCLA Program in Global Health

Michael L. Steinberg, MD, FASTRO, FACR, FACRO*

Professor and Chair
Department of Radiation Oncology

Jan H. Tillisch, MD*

Professor of Medicine and Executive Vice Chair
Department of Medicine
Director of the Medicine Service
Ronald Reagan-UCLA Medical Center

A. Eugene Washington, MD, MSc*

Vice Chancellor, UCLA Health Sciences
Dean, David Geffen School of Medicine
Gerald S. Levey, MD, Endowed Chair

UC Davis School of Veterinary Medicine

Melissa Bain, DVM, DACVB (Behavior), MS

Assistant Professor and Service Chief
Companion Animal Behavior Service
Department of Veterinary Medicine and
Epidemiology

Stephen W. Barthold, DVM, PhD

Distinguished Professor of Veterinary and
Medical Pathology
Director, Center for Comparative Medicine
UC Davis Schools of Medicine
and Veterinary Medicine

Peter J. Dickinson, BVSc, PhD, Dipl. ACVIM (Neurology)

Associate Professor, Neurology/Neurosurgery
Department of Surgical and Radiological Sciences

Mark D. Kittleson, DVM, PhD, Dipl. ACVIM (Cardiology)

Diplomate ACVIM (Cardiology) Professor
Department of Medicine and Epidemiology

Linda J. Lowenstein, DVM, PhD, Dipl. ACVP

Professor of Veterinary Pathology
Department of Pathology, Microbiology and
Immunology

Jonna A.K. Mazet, DVM, MPVM, PhD

Professor and Director
Wildlife Health Center & One Health Institute &
PREDICT Program, USAID EPT

Bennie I. Osburn, DVM, PhD

Dean, UC Davis School of Veterinary Medicine

Joanne Paul-Murphy, DVM, Dipl. ACZM

Professor
Companion Zoological Health Service
Department of Medicine and Epidemiology

Jane Sykes, BVSc (Hons), PhD, DACVIM

Professor of Small Animal Internal Medicine
Department of Veterinary Medicine and
Epidemiology
President, International Society for Companion
Animal Infectious Disease

Lisa Tell, DVM, Dipl. ABVP (Avian), ACZM

Professor and Western Region Director of the Minor
Use Animal Drug Program and the Food
Animal Residue Avoidance Database

UCSF School of Medicine

Carol A. Glaser, DVM, MPVM, MD

Associate Professor of Pediatrics
UCSF School of Medicine
Chief Encephalitis and Special Investigations Section
Communicable Disease and Response Branch
Division of Communicable Disease Control
California Department of Public Health

Featured Faculty

Curtis Eng, DVM

Chief Veterinarian
Los Angeles Zoo & Botanical Gardens

Stephen J. Ettinger, DVM, FAHA, FACC, ACVIM (Internal Medicine and Cardiology)

California Animal Hospital Veterinary
Specialty Group

Edward Powers, DVM, MPVM

State Public Health Veterinarian (Acting)
Encephalitis and Special Investigations Section
California Department of Public Health

*David Geffen School of Medicine at UCLA

Program Schedule

Saturday, January 29, 2011

7:30 am Registration/Continental Breakfast

8:00 am **Welcome**

Barbara Natterson Horowitz, MD

A. Eugene Washington, MD, MSc

Bennie I. Osburn, DVM, PhD

Daniel T. Blumstein, PhD

8:25 am **Zoobiquity/One Health Keynote**

Barbara Natterson Horowitz, MD

Patricia A. Conrad, DVM, PhD

Note: The following cases are representative; actual cases to be determined

Oncology Cases

9:00 am **1) Glioblastoma in an Alpaca and a School Principal**

2) Acute Lymphoblastic Leukemia in a Black Rhinoceros and a Human Toddler

Albert Lai, MD, PhD

Peter J. Dickinson, BVSc, PhD, Dipl. ACVIM (Neurology)

9:45 am **Questions and Answers**

10:00 am Break

Cardiovascular Cases

10:15 am **1) MVP in a Cavalier-King Charles and a Ballerina**

2) Syncope in a Thoroughbred Horse and a High School Athlete

Jan H. Tillisch, MD

Mark D. Kittleson, DVM, PhD, ACVIM (Cardiology)

11:00 am **Questions and Answers**

Psychiatry/Behavior Cases

11:15 am **1) Obsessive-Compulsive Disorder (OCD) in a Polar Bear and a Novelist**

2) Separation Anxiety in a Shih Tzu and a Second Grade Boy

Michael Gitlin, MD

Melissa Bain, DVM, DACVB (Behavior), MS

12:00 pm **Questions and Answers**

Infectious Disease Cases

- 12:15 pm** **1) West Nile Virus in a Flamingo and a Nursing Home Resident**
2) Lyme Disease in a Horse and a Summer Camp Counselor
Claire Panosian-Dunavan, MD, DTM&H
Stephen W. Barthold, DVM, PhD
Jane Sykes, BVSc (Hons), PhD, DACVIM

- 1:00 pm** **Questions and Answers**

Los Angeles Zoo

- 1:15 pm** **Board Buses and Depart for LA Zoo**
(boxed lunch provided)

- 3:00 pm** **“Walk Rounds” at the Zoo**
Curtis Eng, DVM, Chief Veterinarian LA Zoo

- 1) Cardiac Tamponade in a Lioness**
- 2) Squamous Cell Carcinoma in a Rhinoceros**
- 3) Diabetic Syndromes in New and Old World Monkeys**
- 4) Lead Toxicity in California Condor**

Andrew Drexler, MD
Carol A. Glaser, DVM, MPVM, MD
Richard J. Jackson, MD, MPH
Linda J. Lowenstein, DVM, PhD, Dipl. ACV
Jonna A.K. Mazet, DVM, MPVM, PhD
Joanne Paul-Murphy, DVM, Dipl. ACZM
Michael L. Steinberg, MD, FASTRO, FACR, FACRO
Lisa Tell, DVM, Dipl. ABVP (Avian), ACZM

- 4:30 pm** **Impressions and Future Directions**
Stephen J. Ettinger, DVM, FAHA, FACC, ACVIM
(Internal Medicine and Cardiology)

- 5:30 pm** **Cocktail Reception**

Program Organizers



DAVID GEFFEN SCHOOL OF MEDICINE of UCLA



General Information

Fee

Early Registration

\$195, CME participants

\$170, Non-CME participants

\$80, Trainees

Medical students must call the CME Office to register.

On-site Registration

\$220, CME participants

\$195, Non-CME participants

\$105 Trainees

Program Location

Morning Session:

Ronald Reagan UCLA Medical Center

Tamkin Auditorium

757 Westwood Plaza

Los Angeles, CA 90095

Phone: (310) 825-9111

Afternoon Session:

Los Angeles Zoo & Botanical Gardens

5333 Zoo Drive

Los Angeles, CA 90027

Phone: (323) 644-4200

Enrollment

Online

Go to www.cme.ucla.edu/courses, click on Zoobiquity, and click the registration button. You may use your MasterCard, VISA, American Express or Discover card to register online.

By Mail

Use the form attached.

Mail to the UCLA Office of Continuing Medical Education, David Geffen School of Medicine at UCLA, Zoobiquity, 10920 Wilshire Blvd., Suite 1060, Los Angeles, CA 90024-6512.

By FAX

Send the completed enrollment form with credit card information and authorizing signature. FAX 310-794-2624.

By Phone

Use your MasterCard, VISA, or Discover Card.

Call 310-794-2620.

E-mail address: eayala@mednet.ucla.edu

Please visit our website for other UCLA CME offerings: www.cme.ucla.edu

Early registration is recommended, as space is limited.

Parking

Please park in Lot 8. A parking attendant will be on duty from 7:00–9:00 AM. If you arrive outside of this timeframe, please report to the parking kiosk on Westwood Plaza to pay for your parking permit. Participants are to pay their own parking charges at a rate of \$10 per vehicle.

Directions

From the 405 freeway, exit Wilshire Blvd. east toward Westwood. Turn left on Westwood Blvd. and continue on Westwood Plaza. Travel past Charles E. Young Dr. South and turn left on Structure 8 Driveway. Drive up the ramp to the rooftop level to park. The Ronald Reagan UCLA Medical Center is located on the corner of Westwood Plaza and Charles E. Young Dr. South.

Refunds

Cancellations must be received in writing by Friday, December 31, 2010 and will be subject to a \$50 processing fee. No refunds will be granted after that date. If, for any reason, the course must be canceled, discontinued, or rescheduled by the Office of Continuing Medical Education, a full refund will be provided.

Additional Information

If you have any questions, please contact the UCLA Office of Continuing Medical Education at (310) 794-2620.

Accreditation

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA designates this educational activity for a maximum of **7.50 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

This program has applied for RACE Continuing Education Credits through the SCVMA. Approval is pending.

Disclosure Statement

The FDA has issued a concept paper which classifies commercial support of scientific and educational programs as promotional unless it can be affirmed that the program is “truly independent” and free of commercial influence. In addition to independence, the FDA requires that non-promotional, commercially supported education be objective, balanced, and scientifically rigorous. The policy further states that all potential conflicts of interest of the CME staff and faculty be fully disclosed to the program's participants. In addition, Accreditation Council for Continuing Medical Education policy now mandates that the provider adequately manage all identified potential conflicts of interest prior to the program. We, at UCLA, fully endorse the letter and spirit of these concepts.

Registration Form

ZOOBIQUITY

Course Number: M101-26 Winter 2011

Fees are as follows:

- Pre-registration \$195, CME participants
 \$170, Non-CME participants
 \$80, Trainees
- On-site registration \$220, CME participants
 \$195, Non-CME participants
 \$105, Trainees

Tuition includes registration in the program, syllabus, continental breakfast, break, boxed lunch, afternoon portion at the LA Zoo (including transportation), & cocktail reception.

Total: _____

I will be attending the afternoon portion at the Los Angeles Zoo.

NOTE: There will be significant walking. Please be sure to wear appropriate attire.

Please print.

Last four digits of Social Security Number

Name (First, Last, Degree) Male Female

Preferred Mailing Address

City/State/Zip

Phone

Fax

Specialty

E-mail Address

Check enclosed, payable to **Regents of the University of California**

Charge: MasterCard Visa Discover

Card Number

Authorizing Signature

Expiration Date

Fax, with credit card number and expiration date, directly to our office at (310) 794-2624

Or

Mail to Office of Continuing Medical Education
David Geffen School of Medicine at UCLA
Zoobiquity
10920 Wilshire Blvd., Ste. 1060
Los Angeles, CA 90024-6512