

UW Medicine

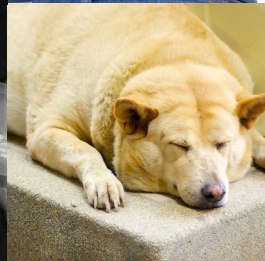
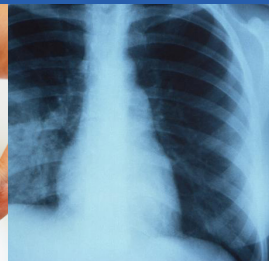
UW SCHOOL  
OF MEDICINE



SATURDAY, NOVEMBER 1

# ZOOBIQUITY 2014

HUMAN AND ANIMAL HEALTH IN A  
CHANGING GLOBAL ENVIRONMENT



ASTHMA

DOMESTIC VIOLENCE

OBESITY

INFECTION

Sponsored by

- University of Washington School of Medicine, Office of Continuing Medical Education
- University of Washington School of Public Health, Department of Environmental and Occupational Health Sciences
- Paul G. Allen School for Global Animal Health at Washington State University
- Washington State University College of Veterinary Medicine
- The Woodland Park Zoo,
- Zoobiquity Research Initiative



# ZOBIQUITY 2014

**SATURDAY, NOVEMBER 1, 2014, 7:30 AM–7:00 PM**

Kane Hall, University of Washington Campus  
and Woodland Park Zoo

## COURSE DESCRIPTION

The Zoobiquity 2014 conference focuses on how rapidly changing local and global environments affect the health of humans and animals. Through case presentations and interactive discussions, human and veterinary medicine experts as well as environmental health scientists will explore the clinical overlaps between human and animal response to environmental factors, including climate, the built environment, air pollution, and domestic violence. By fostering this cutting-edge “One Health” dialogue, the conference will demonstrate how a species-spanning approach to medicine can improve human, animal, and environmental health.

## COURSE OBJECTIVES

Upon completion of this program, attendees should be able to:

- 1) Describe 3 examples of overlap in clinical conditions occurring in humans and non-human animals related to environmental health hazards shared between species.
- 2) List 3 indications for a human health care provider to contact a veterinarian in clinical practice regarding environmental health hazards.
- 3) List 3 indications for a veterinarian to contact a human healthcare provider in clinical practice regarding environmental health hazards.

## WHO SHOULD ATTEND

Human health care clinicians including physicians, physician assistants, and nurses, veterinarians and other animal care professionals, environmental health professionals, and public health professionals. Students are encouraged to attend.

## REGISTRATION

Full day: \$295; after October 15th \$350

Student \$145; after October 15th \$200 (valid student ID required to register)

Morning Only: \$145; after October 15th \$195

University of Washington School of Medicine

206-543-1050; <http://www.uwcme.org>

## ADVISORY COMMITTEE

Peter Rabinowitz, MD, MPH, Associate Professor, Department of Environmental and Occupational Health Sciences (DEOHS) & Department of Global Health, University of Washington School of Public Health; Adjunct Associate Professor of Medicine (Infectious Diseases), University of Washington (UW) School of Medicine; Director, Center for One Health Research (COHR)

Gretchen Kaufman, DVM, Assistant Director of Global Health Education, Paul G. Allen School for Global Animal Health, Washington State University

Darin Collins, DVM, Medical Director, Woodland Park Zoo

Janice Camp, MSN, MSPH, Director of Continuing Education, DEOHS, UW School of Public Health

Barbara Natterson MD, Professor, Department of Cardiology and Medicine, Department of Evolutionary Biology, David Geffen School of Medicine at UCLA

Vickie Ramirez MA, Center for One Health Research, DEOHS, UW School of Public Health, COHR

Susan Kwan, MPH, Executive Director of the Zoobiquity Research Initiative, David Geffen School of Medicine at UCLA

Kathyn Bowers, Co-Author of Zoobiquity, Co-Founder of the Zoobiquity Conferences

## ACCREDITATION

The University of Washington School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Washington School of Medicine designates this live activity for a maximum of *6.0 AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CVME credits are approved by the Office of Continuing Veterinary Medical Education at the College of Veterinary Medicine, Washington State University.

## CANCELLATION POLICY

The Office of Continuing Medical Education must receive written notification of your cancellation by October 22, 2014. A \$50.00 processing fee will be deducted from refund requests received by this date. No refunds will be issued following October 22, 2014. The Office of Continuing Medical Education reserves the right to cancel this course twenty (20) days prior to the course date when a minimum enrollment is not met or for other reasons that prevent the University from holding the course. Each registrant will be notified by telephone followed by written notification and a full refund. The University of Washington is not responsible for any other costs incurred such as non-refundable airline tickets or hotel penalties. Contact CME Registrar with questions call 206.543.1050, fax 206.221.4525 or email [cme@uw.edu](mailto:cme@uw.edu).

## HOTEL ACCOMMODATIONS

The following hotels are located near the conference site. To make reservations, please call the hotels directly. No room block has been reserved.

Hotel Deca  
4507 Brooklyn Ave NE  
Seattle, WA 98105  
206-634-2000 or 800-899-0251  
Rates depend on availability  
Ask for UW CME conference rate

Silver Cloud Inn  
5036 25th Avenue NE  
Seattle, WA 98105  
206-526-5200 or 800-205-6940  
Rates depend on availability  
Ask for UW CME Conference rate

## ATTENDANCE POLICY

Course activities are exclusively reserved for course attendees. Badges provided at registration are required for entrance into all functions and will be strictly enforced.

## SPECIAL SERVICES

Continuing Medical Education at the University of Washington is a totally self-sustaining unit and does not depend on or receive public monies in support of its educational efforts. Fees for this course are estimated to cover the costs of conducting this course. These costs include salaries, registration and credit, syllabi, handouts, record keeping, faculty planning and evaluation and may include food, alcohol, taxes and gratuities to vendors. The University of Washington reaffirms its policy of equal opportunity regardless of race, color, creed, religion, national origin, sex, sexual orientation, age, marital status, disability, or status as a disabled veteran or Vietnam era veteran in accordance with University policy and applicable federal and state statutes and regulations. The University of Washington is committed to providing access and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. To request disability accommodation in the application process contact the department at: 206-543-1050 or the Disability Services Office at least ten days in advance.

Disability Services Office  
206-543-6450/Voice      206-543-6452/TTY  
206-685-7264/Fax      e-mail: [dso@u.washington.edu](mailto:dso@u.washington.edu)

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# UW Medicine

UW SCHOOL  
OF MEDICINE

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# SCHOOL OF PUBLIC HEALTH

UNIVERSITY *of* WASHINGTON



*College of*

## Veterinary Medicine

WASHINGTON STATE UNIVERSITY



*The Paul G. Allen School for*

## Global Animal Health

WASHINGTON STATE UNIVERSITY





# ZOBIQUITY 2014

A G E N D A

**7:00 am**      **Registration, Continental Breakfast, and Poster Session**

**7:30**            **Welcome Remarks**  
Howard Frumkin, MD, DrPH  
Barbara Natterson-Horowitz, MD  
Bryan Slinker, DVM, PhD  
Ellen Cosgrove, MD

**7:50**            **Introductions and Housekeeping**

## OBESITY

**8:00**            **Obesity in an Urban Dweller and a Dog**  
Presenters:    Karen Foster-Schubert, MD  
                      Raelynne Farnsworth, DVM

**8:45**            **Questions and Answers**

## ABUSIVE ENVIRONMENTS

**9:00**            **Domestic Abuse in a Child and a Cat**  
Moderator:    Sylvia Glover, JD  
Presenters:    Martha Smith-Blackmore, DVM  
                      Becky Wiester, MD

**9:45**            **Questions and Answers**

**10:00**          **Break & Poster Session**

## RESPIRATORY DISEASE & AIR QUALITY

**10:30**          **Cough and Respiratory Distress in a Child, a Calf and a Cat**  
Presenters:    Catherine Karr, MD, PhD  
                      Dale Moore, DVM, PhD  
                      Stephan Carey, DVM, PhD

**11:15**          **Questions and Answers**

**11:30**          **Pre-lunch Wrap Up**  
Moderator:    Peter Rabinowitz, MD  
                      Barbara Natterson-Horowitz, MD  
                      Darin Collins, DVM

**12:00 pm**      **End of morning session**

**12:30**          **Board buses and depart for the Woodland Park Zoo**  
*(boxed lunch provided)*

## WOODLAND PARK ZOO

**2:00–4:30** “Walking Rounds” at the Zoo

### Tour 1

**A) Seasonal Affective Disorder in a Gorilla**

Darin Collins, DVM

David Avery, MD

**B) Obesity in a Brown Bear**

Lynne Nelson, DVM

Karen Foster-Schubert, MD

**C) BRCA in a Jaguar**

Karen Wolf, DVM

Larissa Korde, MD, MPH

**D) Tuberculosis in an Elephant**

Gretchen Kaufman, DVM

Jerry Cangelosi, PhD

### Tour 2

**A) Uterine Leiomyoma in an Elephant**

Kelly Helmick, DVM

Robin Cole, MD

**B) Penguins as Sentinels for West Nile Virus**

Craig Stephen, DVM, PhD

Beth Lipton, DVM

**C) Geriatric Issues in a Great Ape**

Harmony Frazier, LVT, CCRP, SAMP

Kori Dewing, DNP, ARNP

**D) Biosafety at the Petting Zoo**

Peter Rabinowitz, MD

Heather Fowler, VMD

Dale Moore, DVM

**4:30** **Cocktail Reception**

**5:00** **Closing Keynote**

Craig Stephen, DVM, PhD

**6:15** **Board buses back to the University of Washington**

## FEES AND REGISTRATION

The fee for this course includes catering, all instruction materials and transcript of Category 1 credit. To ensure enrollment, please complete the enclosed registration form and forward it with the appropriate tuition. Allow up to fifteen working days to receive your written confirmation of enrollment. If you have not received written confirmation prior to your departure for the course, please contact the Continuing Medical Education office at 206-543-1050. Continuing Medical Education will not be responsible for expenses incurred by an individual who is not confirmed and for whom space is not available at the course.



# ZOOBIQUITY 2014

NOVEMBER 1, 2014

## COURSE

Full day \$295	after Oct 15 \$350
* Student \$145	after Oct 15 \$200
Morning Only \$145	after Oct 15 \$195

<input type="checkbox"/> Morning only
<input type="checkbox"/> Full Day

## REGISTRATION

First	MI	Last
Professional Title	<input type="checkbox"/> MD <input type="checkbox"/> DVM <input type="checkbox"/> PhD <input type="checkbox"/> RN <input type="checkbox"/> ARNP <input type="checkbox"/> PA <input type="checkbox"/> Other:	
Street		
City	State	Zip
Phone ( ) -	Email	

check box if you will use complimentary bus services to the zoo

## Return Completed Registrations

By Mail:  
UWCME

Box 359441  
Seattle, WA 98195-9441

By FAX:  
(206) 221-4525

Call:  
(206) 543-1050  
with questions.

Register online at  
[uwcme.org](http://uwcme.org)

## PAYMENT \*Student ID # and Program Name (if applicable)

<input type="checkbox"/> Check (payable to University of Washington) for \$	
<input type="checkbox"/> Credit Card charge \$	<input type="checkbox"/> Visa <input type="checkbox"/> MC <input type="checkbox"/> Discover
Card #	Exp Date
CCV #	Signature
<input type="checkbox"/> UW Budget	Budget Name
Box #	Proj
	Opt
	Budget #
	Task

Register online at [uwcme.org](http://uwcme.org)