



ONE WORLD,

ONE MEDICINE,

ONE HEALTH

One Health Intellectual Exchange

Fall Monthly Discussions: Philosophy to Practical Integration of Human, Animal and Environmental Health

A fall, monthly discussion series, sponsored by the **North Carolina One Health Collaborative** within the NCBC IEG Program to enhance collaborations between physicians, veterinarians, researchers and other local / global / environmental health professionals by increasing public awareness of the interconnectedness of people, animals and the environment.

Tuesday, August 13, 2013

5:30 – 7:30 p.m.

Is Open Access to One Health [publications] Equivalent Across Human, Environmental, and Animal Health?

Kristine Alpi, MLS, MPH, AHIP, and Carol Vreeland, DVM, MLS, AHIP
Director and Associate Director

William Rand Kenan, Jr. Library of Veterinary Medicine, NCSU

With discussion panelists

Sid Thakur (NCSU), Alexandria Graves (NCSU), Veronica Escamilla (UNC)

Meets monthly at the North Carolina Biotechnology Center
15 T.W. Alexander Drive Research Triangle Park, NC 27709
Directions: www.ncbiotech.org/directions

Suggestions? Ideas? Contact Cheryl Stroud, Steering Comm. Chair cms7earth@gmail.com

Add yourself to the listserv with Listserv Manager Liz Selisker, liz_selisker@ncsu.edu

For Speaker Bio's, Suggested Readings, Cancellation notices and additional background

<http://nconehealthcollaborative.weebly.com/index.htm>

<http://onehealtheducation.blogspot.com/>

For information on the One Health spring course option contact: Mamie Harris at UNC msharris@med.unc.edu
Chris Woods at Duke chris.woods@duke.edu, at NCSU Barrett Slenning barrett_slenning@ncsu.edu
or Suzanne Kennedy-Stoskopf suzanne_stoskopf@ncsu.edu



Triangle Global Health Consortium
Innovation through Collaboration





Carol Vreeland, DVM, MLS, AHIP



Kris Alpi, DVM, MLS, AHIP

‘Is Open Access to One Health Publications Equivalent Across Human, Environmental, and Animal Health?’

We hope to focus attention on how the question of where inter-disciplinary research articles get published translates into significant challenges for implementation of the One Health concept. Access to information is only the first piece to implementation of new knowledge, but is often a sticking point in global health issues across disciplines. Information will be presented from a recent research project conducted to quantify how much of the One Health literature (on topics previously discussed in the NC OHC One Health Intellectual Exchange Group discussions) is available freely online and how much is only available by subscription across human health, animal health and environmental health. The first part of this seminar will discuss the results of this study, which provided evidence that the level of open access is low in all three One Health arenas. The second part of the seminar will be a panel discussion in which authors who have published on interdisciplinary One Health topics share how they decide where to publish and how to make their work accessible to broader audiences.

Carol E. Vreeland and Kristine Alpi, Associate Director and Director of the William Rand Kenan, Jr. Library of Veterinary Medicine, are Adjunct Assistant Professors of Population Health & Pathobiology at North Carolina State University College of Veterinary Medicine. Carol received a Doctor of Veterinary Medicine degree from the University of Illinois at Urbana-Champaign and a Masters of Library Science from the University of North Carolina at Chapel Hill. Kris earned her Masters of Library Science from Indiana University, a Masters of Public Health from Hunter College-City University of New York, and is a doctoral student in the Department of Leadership, Policy and Adult and Higher Education at NCSU.

Panelists:

Dr. Veronica Escamilla, is a Postdoctoral Research Fellow with the Center for Infectious Diseases and the

Carolina Population Center, UNC, Chapel Hill. Dr. Escamilla’s expertise is in infectious disease ecology, neighborhood determinants of health, and geographic information science applications of public health. Her early research focused on population-environment interactions that influence childhood diarrheal disease and groundwater quality. Her current research at UNC examines the spatial epidemiology of syphilis and gonorrhea transmission in North Carolina. She is also working with UNC Project in Lilongwe, Malawi to incorporate ecological and spatial methods to measure drivers of malaria transmission in the context of a vaccine trial. http://www.cpc.unc.edu/projects/spatialhealthgroup/researchteam/Escamilla/escamilla_6-11.pdf

Dr. Sid Thakur is faculty at NCSU, CVM. Prior to joining the faculty at NCSU he worked at the Food and Drug Administration where he was involved in developing a DNA Microarray for the analysis of multi-drug resistant enteric pathogens isolated from retail meat. His early research interests focused on comparing multidrug resistant *Campylobacter* isolated from swine raised in commercial and antimicrobial free production systems. Dr. Thakur's current research focuses on the molecular epidemiology of multi-drug resistant bacterial *Salmonella* and *Campylobacter* in the realms of pre-harvest food safety with recent attention to the transmission of foodborne pathogens from food animals to fresh produce farms.
(<http://www.cvm.ncsu.edu/dphp/personnel/thakur.html>)

Dr. Alexandria Graves is faculty in the Department of Soil Science at NCSU. Her research interests involve detecting potential pathogenic microorganisms in environmental waters using bacterial source tracking (BST) techniques. One of the main emphases of BST is to identify the source of indicator bacteria such as fecal coliforms, *E. coli* and *Enterococcus sp.* This research examines the validity of selected microorganisms as indicators of sewage or fecal contamination, evaluates selected methods of detection, and establishes the applicability of these microorganisms for regulatory use in the context of establishing total maximum daily loads (TMDLs). (<http://www.soil.ncsu.edu/people/faculty/professors/graves.htm>)

Background Reading:

Davis PM, Walters WH. **The impact of free access to the scientific literature: a review of recent research.** *J Med Libr Assoc.* 2011 Jul;99(3):208-17.
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3133904/>

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