

**FIFTH ANNUAL
"ONE MEDICINE" SYMPOSIUM**

**GLOBALIZATION AND EMERGING RISKS:
A ONE MEDICINE APPROACH TO A CHANGING WORLD**

DECEMBER 12-13, 2007

**SHERATON IMPERIAL HOTEL AND CONVENTION CENTER
DURHAM, NORTH CAROLINA**

For physicians, nurses, veterinarians, veterinary technicians, public health professionals, agriculture professionals, wildlife professionals, and federal, military, state, and local disaster responders.

For the last four years, the North Carolina Department of Health and Human Services and the North Carolina Department of Agriculture and Consumer Services have hosted the annual One Medicine Symposium to educate and provide attendees with take-home tools that will improve and enhance preparedness for a natural or man-made disaster or infectious disease outbreak.

The theme of the 2007 symposium, "Globalization and Emerging Risks: A One Medicine Approach to a Changing World," focuses on the effects of globalization on agriculture, public health, and animal health. This year's agenda encourages human and animal health professionals to come together to answer key questions so we can improve awareness and understanding of issues benefiting from a One Medicine approach.

Conference Objectives:

- ◆ Highlight the "One Medicine" approach between human and veterinary medicine for effective response to terrorism, disease, and natural disasters.
- ◆ Describe the impacts of globalization on agriculture and public health.
- ◆ Discuss the effects of increased trade with foreign markets using melamine contamination as a case study.
- ◆ Discuss the roles and responsibilities of international human and animal health organizations.
- ◆ Discuss the impacts of social, economic, and cultural differences on the human/animal relationship, agriculture, and public health.



2007 ONE MEDICINE SYMPOSIUM AGENDA

DAY 1: 12/12/07

7:00–8:30 am

Registration

8:30–9:00 am

Welcome and Opening Remarks

Leah Devlin, DDS, MPH

State Health Director, North Carolina Department of Health and Human Services

Steve Troxler

Commissioner, North Carolina Department of Agriculture and Consumer Services

9:00–10:00 am

One Medicine: Past, Present, and Future

RADM Craig VanderWagen, MD

Assistant Secretary, Office of Preparedness and Response, US Department of Health and Human Services

10:00–11:00 am

Globalization: Agricultural Economics and Public Health Concerns

- ♦ Transcontinental trade of products or animals carrying infectious agents
- ♦ Balancing economics, development, and animal health

Corrie Brown, DVM, PhD

College of Veterinary Medicine, University of Georgia

11:00–11:15 am

BREAK

11:15 am–12:00 pm

The Expanding Risks of Importing and Producing Safe Products in a Global Economy

- ♦ Melamine: What went right? What went wrong?
- ♦ Antibiotics in imported fish

Joe Reardon

Director, Food and Drug Protection Division, North Carolina Department of Agriculture and Consumer Services

12:00–1:00 pm

LUNCH

1:00–1:30 pm

Federal Perspective: Importation Risk Assessments for Animals/Products

COL John Hoffman

National Center for Food Protection and Defense, US Department of Homeland Security

1:30–2:30 pm

Globalization: Business Travel, Human Migration, and Public Health Risks

- ♦ What human diseases are we transporting?
- ♦ Zoonoses under the radar

Nina Marano, DVM, MPH

Centers for Disease Control and Prevention

2:30–3:00 pm

BREAK

3:00–3:30 pm

Neurocysticercosis in North Carolina: A 10-Year Medical Record Review of Morbidity and Mortality

- ♦ Migrant health
- ♦ The intersection of agriculture and public health issues

Katie Kurkjian, DVM, MPH

Virginia Department of Health

3:30–4:15 pm

Domestic Zoonoses: Not So Far Away

- ♦ Salmonellosis, brucellosis, tularemia, plague, chlamydiosis, cryptosporidiosis, trichinosis, rabies, campylobacteriosis, infection due to shigatoxin-producing *E. coli*

Carl Williams, DVM, DACVPM

North Carolina Department of Health and Human Services

4:15–5:00 pm

NBAF: National Bio and Agro-Defense Facility

- ♦ North Carolina—finalist for this research program
- ♦ What will happen to the Plum Island, NY, facility?
- ♦ Addressing misconceptions
- ♦ Update on Foot and Mouth Disease outbreak in the UK

Barrett Slanning, MS, DVM, MPVM

College of Veterinary Medicine, North Carolina State University

5:00–7:00 pm

Symposium Social Event

HOTEL INFORMATION

If you need overnight accommodations, the Sheraton Imperial has a limited number of rooms reserved.

When making reservations, please ask for the One Medicine rate of \$93. Please make your reservations by November 15 to receive the conference rate.

Sheraton Imperial Hotel
4700 Emperor Blvd., Durham, NC 27713
I-40 exit 282 (Page Road)
919-941-5050 or 800-325-3535

DAY 2: 12/13/07

8:30–8:45 am

Welcome

8:45–9:30 am

NBIS: National Biosurveillance Integration System

Donald L. Noah, DVM, MPH

Acting Deputy Assistant Secretary for Weapons of Mass Destruction and Biodefense, Office of Health Affairs, US Department of Homeland Security

9:30–10:30 am

International Infrastructure for Animal Health

- ♦ Office International des Epizooties (OIE) or World Organization for Animal Health
- ♦ Food and Agriculture Organization (FAO)
- ♦ Where does the US fit in?

Corrie Brown, DVM, PhD

College of Veterinary Medicine, University of Georgia

10:30–11:00 am

BREAK

11:00 am–12:00 pm

International Infrastructure for Human Health

- ♦ World Health Organization (WHO): Update on international health regulations
- ♦ The role of the US and CDC

Kamel Senouci, MD, MSc

World Health Organization / Pan American Health Organization

12:00–1:00 pm

LUNCH

1:00–2:00 pm

Nutritional Security: What Happens when Agriculture is Lost?

- ♦ Poverty: A driver of disease
- ♦ Avian influenza update
- ♦ How is H5N1 highly pathogenic avian influenza affecting the food supply in countries with infected birds?

Gavin MacGregor-Skinner, BVSc, MSc, MPH, MRCVS

US Agency for International Development (USAID)

2:00–2:45 pm

Global View of Human/Animal Relationship: The Differing Animal Role

- ♦ The impact of cultural differences on international agriculture and public health

David Waltner Toews, DVM, PhD

University of Guelph

President, Veterinarians Without Borders

2:45–3:15 pm

BREAK

3:15–4:00 pm

Exotic Pet Trade Industry

- ♦ Importation restrictions
- ♦ What exotics are being imported and how are they getting into the country?
- ♦ Demographics of populations wanting and importing exotics
- ♦ What are the public health implications?

Thomas M. Edling, DVM, MSpVM

PETCO

4:00–5:00 pm

North Carolina, the Nanny State: A Point-Counterpoint Discussion on Regulation for Disease and Injury Control Involving Animals and Animal Products

The audience will be asked to debate regulatory control of:

- ♦ Sale of pet turtles
- ♦ Sale of cow shares (unpasteurized milk)
- ♦ Ban on private ownership of inherently dangerous animals

Jeff Engel, MD

State Epidemiologist, North Carolina Department of Health and Human Services

Aimee Wall, JD, MPH

School of Government, University of North Carolina at Chapel Hill

TO REGISTER:

VISIT WWW.ONEMEDICINENC.ORG

OR CALL 919-966-4032

The conference registration fee is \$50 (or \$125 after December 4).

Continuing education credits will be offered for various professionals based on 12.5 hours of instruction. If you have any questions regarding CE credit, please contact Lauren Bradley at 919-966-0925 or lauren_bradley@unc.edu.

ONE MEDICINE SYMPOSIUM REGISTRATION

DECEMBER 12-13, 2007

First name: _____ Last name: _____

Name of agency: _____

Type of agency:

- | | |
|---|--|
| <input type="checkbox"/> Armed Forces | <input type="checkbox"/> NCDA & CS |
| <input type="checkbox"/> County Health Department | <input type="checkbox"/> SART |
| <input type="checkbox"/> County Emergency Management | <input type="checkbox"/> State Emergency Management |
| <input type="checkbox"/> Educational / Research / AHEC | <input type="checkbox"/> State Public Health Department |
| <input type="checkbox"/> Federal Emergency Management | <input type="checkbox"/> Veterinarian (private) |
| <input type="checkbox"/> Hospital / Medical Practice / Nursing Home | <input type="checkbox"/> Other Government Municipal Agency |
| <input type="checkbox"/> NC Public Health Preparedness & Response | <input type="checkbox"/> Other |

Job title/position: _____

Occupation: _____

Address: _____

City: _____

Daytime phone: (____) _____

State: _____ Zip: _____

Evening phone: (____) _____

E-mail: _____

Fax: (____) _____

Gender: _____

Please provide one of the following: *(For internal record-keeping only)*

Birthdate: _____

Social Security Number: _____

How did you hear about this program?

- | | |
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| <input type="checkbox"/> Brochure | <input type="checkbox"/> Catalog |
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| <input type="checkbox"/> Other (please specify): _____ | |

Are you a student, faculty member, or staff member at UNC-Chapel Hill? Yes No

Are you a graduate of the UNC-Chapel Hill School of Public Health? Yes No

To pay by check or money order, mail this form and your payment of \$50 (or \$125 after December 4) made payable to NCIPH to:

**Registrar, Office of Continuing Education
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Chapel Hill, NC 27599-8165**

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