



Who's Who in One Health

Center for One Health Illinois

<https://vetmed.illinois.edu/college-organization/center-for-one-health-illinois/>



1. Organization Name

Center for One Health Illinois
College of Veterinary Medicine
University of Illinois at Urbana-Champaign

2. Narrative Description

The Center for One Health Illinois focuses on fostering the commonality of health in the three broadly defined areas of education, research and public outreach:

Objective 1: To educate of a new cadre of health professionals who understand the determinants and contributing factors for human, animal and ecosystem health as well as how public health policy is developed and how it affects the health of all three

Objective 2: To understand disease processes that occur at the interface of human and animal activities, their effects on the environment and how the environment affects their development

Objective 3: To improve our society's preparedness and response to natural and intentional exposures of biological, chemical and physical agents

3. Purpose

The Center for One Health Illinois consolidated and extended previous educational and research efforts at the University of Illinois College of Veterinary Medicine, specifically the teaching, research and public outreach activities of the Section of Community Health and Preventive Medicine, the Center for Zoonoses Research and the Envirovet program. All of these academic programs have developed a record of accomplishments over the past years with cutting-edge research, educational programs and public outreach on issues of human, animal

and ecosystem health. The coursework developed by these programs has already been emulated by other academic institutions. The Illinois Center for One Medicine, One Health will allow each to expand these activities to better serve the people of our state and nation.

The Center will serve as a model for a regional and national Center for excellence in research, education and public engagement for issues associated with animal, ecosystem and human health. In that manner, the Center will help to meet the preparedness goals of the State of Illinois, of our region and of our country. The State of Illinois, the region and the entire United States will benefit through being better prepared to deal with intentional or natural exposures to various disease causing agents, whether new or re-emerging.

4. Type of Organization

- Academic Institution

Center for One Health Illinois
College of Veterinary Medicine
University of Illinois at Urbana-Champaign

5. Scope

See narrative description

6. Country and State and City

2001 S. Lincoln Ave.
Urbana, IL 61802

7. Primary Funders

Whiteley, H (project director), Herrmann, JA, (co-project director), Hahn, EC, (co-project director), Hershow, R. (co-project director) Illinois Center for One Medicine. FY 09 USDA-CSREES: 2009 03966. October, 2009-October, 2012. \$219,087.00.

Whiteley, H (project director), Herrmann, JA, (co-project director), Hahn, EC, (co-project director), Hershow, R. (co-project director) Illinois Center for One Medicine. USDA- CSREES: 2010 CC-Z. October, 2010-October, 2013. \$465,334.00.

8. One Health Courses being taught

One Medicine, one health: emerging disease and public policy. (VCM 648) J.A. Herrmann jah1110@uiuc.edu. Journal of Veterinary Medical Education, Winter Issue. 36(4); 2009. 397-402.

Public Health Clinical Rotation (VCM 647). J.A. Herrmann jah1110@uiuc.edu and Yvette Johnson yjohn38@uiuc.edu

Public Health Concepts and Practice (CHSC 400). J.A. Herrmann jah1110@uiuc.edu. Website access limited to enrollees.

Study Abroad Germany (VCM 677) Margarethe Hoenig mhoenig@illinois.edu

9. Other One Health Activities/Initiatives

January 9-10, 2007 – The College of Veterinary Medicine University of Illinois at Urbana-Champaign hosted a colloquium entitled “One Medicine: The Interface of Human, Animal and Public Health.” Participants represented a variety of institutions, including the School of Public Health at University of Illinois-Chicago Food and Drug Administration, The U.S. Department of Agriculture, the National Institutes of Health, the University of California-Davis, the University of Pennsylvania, the American Veterinary Medical Association and members of federal legislative staffs.

Faculty members from a number of departments on the Chicago and Urbana campuses attended. University President B. Joseph White delivered the keynote address, and U.S. Senator Dick Durbin participated via videoconference from Washington, D.C. This colloquium laid the foundation for the Center.

February 24-25, 2010 – The Center for One Health Illinois hosted leaders from state agencies, academia, and non-governmental organizations for a two day Summit to assess the health of Illinois’s human and animal populations and the environments in which they live. The purpose of the “One Health Illinois Summit” was:

- To provide an update on the health of Illinois’ human, animal and ecosystem communities
- To encourage communication among representatives from university faculty, state agencies, policymakers, private sector advocates and food producers
- To consider policy options designed to improve the health of Illinois communities through an integrated One Health approach

Three consensus outcomes were recognized by attendees at the One Health Illinois Summit and will form the basis of the post-Summit action plan. They were 1) the development of an integrated surveillance system, 2) improved communication between universities, state agencies, state and local government, industry and the private sector, and 3) educational outreach efforts to the public. <http://vetmed.illinois.edu/onehealth/index.html>

August 25, 2011 - This one day workshop, “Tools for Integrated One Health Surveillance” , sponsored by the Center for One Health Illinois (COHI), brought together experts from academia, state public health agencies and private industry to discuss tools for an integrated surveillance system in Illinois. Invited experts presented seed concepts to underscore the need for integrated surveillance, expected successes and potential impediments to the process. After a working lunch, groups were asked to summarize their thoughts and recommendations for presentation to the assembly. <http://vetmed.illinois.edu/onehealth/index.html>

10. One Health Certificate or Training Programs

The Center for One Health Illinois is linked to the joint DVM/MPH degree program, offered in collaboration with the School of Public Health, University of Illinois at Chicago. J.A. Herrmann, DVM, MPH, DACT, Director. <http://vetmed.illinois.edu/asa/mph/>

11. Organization Website

<http://vetmed.illinois.edu/onehealth/index.html>

12. Participants and Key Collaborators

College of Veterinary Medicine at University of Illinois-Urbana-Champaign

Dean Herbert Whiteley DVM, PhD

Edwin C. Hahn, PhD

John A. Herrmann, DVM, MPH

Yvette Johnson, DVM, PhD

Lois Hoyer, PhD

University of Illinois-Urbana-Champaign

Thomas Prudhomme, PhD

James Slauch, PhD, College of Medicine

School of Public Health at University of Illinois-Chicago

Ron Hershow, MD

Mark Dworkin, MD, MPHTM

Babette Neuberger, JD, PhD

Lincoln Park Zoo

Yvonne Nadler, DVM, MPH

Brookfield Zoo

Tom Meahan, DVM, MS

Illinois Department of Public Health

Connie Austin, DVM, PhD

David Carvalho, JD

Matt Roberts, MPH

Illinois Department of Agriculture

Mark Ernst, DVM

13. Brief History of Your Organization's One Health Involvement

Since 1960, when the University of Illinois Board of Trustees established the Center for Zoonoses Research, the College of Veterinary Medicine has maintained a focus at the

intersection of animal and human health and disease. The Center's purview grew to include "infectious diseases; food-borne pathogens; food safety and antibiotic resistance; biodefense and bioterrorism; and emergency preparedness." With the addition of John Herrmann, DVM, MPH to the faculty and the development of the joint degree DVM/MPH program in 2004, the impetus to carry on the One Health focus of the Center for Zoonoses Research was in place. With the support of Dean Whiteley, Drs. JA Herrmann, Y Johnson, HFTroutt and EC Hahn spearheaded the 2007 Colloquium and the Summit and Surveillance

14. Additional Information

The Center for One Health Illinois provides limited funding for capstone research projects for students within the Illinois DVM/MPH program. We are looking for outside mentors who might be willing to work with a student to prepare a grant proposal and perform research on a suitable project. More information can be obtained from the contacts below:

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