

2014

ONE HEALTH NETWORKING EVENT

MONDAY, JULY 28

DELIA KOO INTERNATIONAL CENTER

MICHIGAN STATE UNIVERSITY

MICHIGAN STATE
UNIVERSITY

Institute of International Health
Canadian Studies Center

ONE WORLD ONE HEALTH



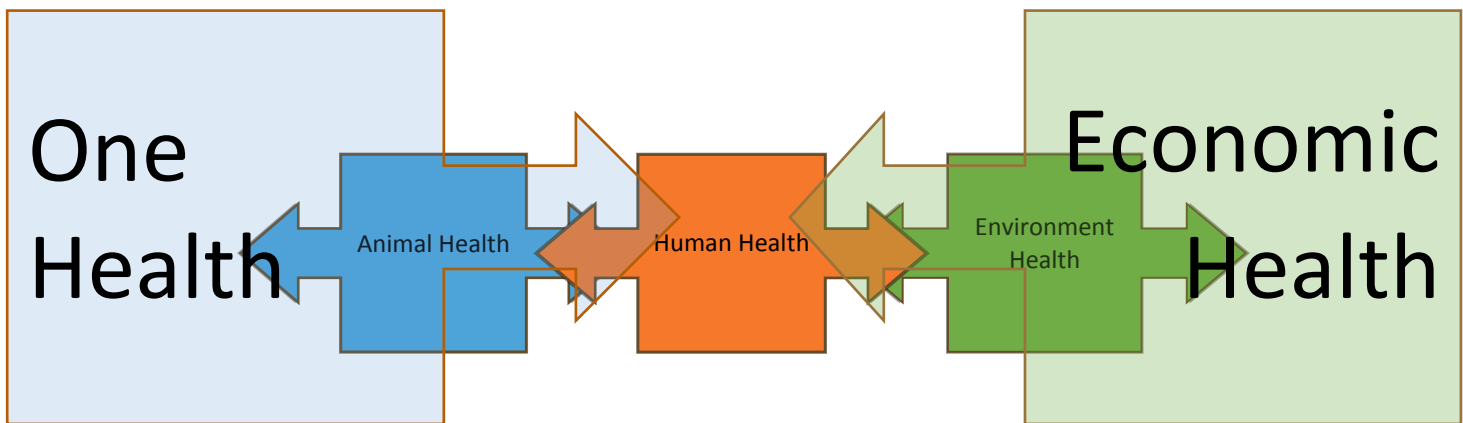
One Health

The One Health Initiative is an all-inclusive collaboration between medical practitioners in both human and animal health alongside other scientific and environmentally related disciplines. More than 700 prominent physicians, veterinarians, researchers, as well as communications and social science scholars worldwide have endorsed the action-oriented effort.

There is a critical, global need for a One World, One Health concept stemming in part from divisions between human medical and veterinary medicine practitioners, food transport and security systems, and environmental challenges, which have hampered care delivery, educational programs, communication campaigns, and public health systems.

Michigan State University will help lead to bridge these divides. Our aim is knowledge-based, collaborative advocacy for optimal health through an integrated approach that will improve upon current health disparities and inequities.

The One Health global strategy provides a roadmap for understanding and administering a practical, hands-on One Health approach. It invites participation in multidisciplinary and interdisciplinary collaborations in order to provide a better quality of life worldwide.



Key Presenter

Carol Rubin

National Center for Emerging Zoonotic and Infectious Disease

Dr. Carol Rubin, DVM, MPH, is Associate Director for Zoonosis and One Health in the National Center for Emerging Zoonotic and Infectious Diseases (NCEZID) and is embedded in the Division of High-Consequence Pathogens and Pathology as Director of the division's One Health Office. She works collaboratively across various programs at NCEZID and Center for Disease Control (CDC) to promote and coordinate a holistic One Health strategy, which recognizes the vital interconnectedness of microbes and

the environment and the importance of working with animal public health partners to address the interface between human and animal health.

In March 2007, Dr. Rubin assumed the position of senior advisor for zoonotic influenza in the National Center for Zoonotic, Vector-Borne and Enteric Diseases (NCZVED). In March, 2009, she was tasked with setting up the One Health Office. Dr. Rubin has published more than 80 articles in peer-reviewed journals and led numerous national and international investigations and outbreak responses on behalf of CDC. She currently serves on the American Veterinary Medical Association (AVMA) Committee on Disaster and Emergency Issues and is the CDC representative on the Advisory Panel to the AVMA House of Delegates. She received a DVM from the University of Minnesota, and an MPH in epidemiology from Emory University. Prior to coming to CDC she spent almost a decade in private veterinary practice.

ABOUT THE MEETING HOST

MICHIGAN STATE UNIVERSITY

The nation's pioneer land-grant university, MSU began as a bold experiment that democratized higher education and helped bring science and innovation into everyday life. Today, MSU is one of the top research universities in the world—on one of the largest, greenest campuses in the nation—and is home to a diverse community of dedicated students and scholars, athletes and artists, scientists and leaders from every state in the nation and more than 130 countries.

INSTITUTE FOR INTERNATIONAL HEALTH

IIH initiates, coordinates and fosters international activities of One Health at MSU, as well as developing and advancing global health research programs for MSU faculty and students that not only enhance learning and cultural competency at MSU, but also benefit underprivileged communities in numerous countries around the world. The Institute's efforts are focused on developing multidisciplinary global health research programs through partnerships with national and international institutions; serving as a center for information exchange in community medicine, infectious and tropical diseases, HIV/AIDS, respiratory diseases, malaria, women's reproductive health, environmental health and water quality, food supply scarcity, nutrition, and zoonotic diseases. IIH offers study abroad/away health courses and linkages that enable the exchange of students, researchers, and other professionals to develop cultural competency and to raise the level of awareness of global health issues.

CANADIAN STUDIES CENTER, INTERNATIONAL STUDIES AND PROGRAMS

Michigan State University's Canadian Studies Center fosters an understanding of Canadian society, its relationship with the United States, and its rich contribution to a global culture through teaching, research, and outreach. As one of the first and longest standing university-based Canadian Studies Centers, our aim is to link MSU with the academic, business, and policy sectors across Canada to leverage joint resources, research capability, and global networks that help identify and address global problems with sustainable solutions. The Center engages more than 50 on-campus faculty members representing at least 13 different academic disciplines while linking with leading practitioners in learning exchanges.

Key Presenter

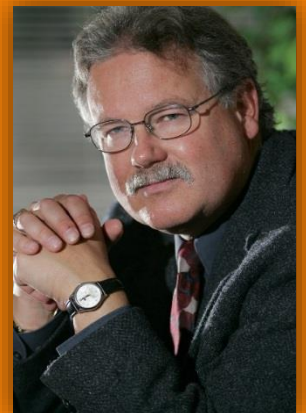
David Butler-Jones

Canada's Immediate Past Chief Public Health Officer

Dr. David Butler-Jones served as Canada's first chief public health officer. In this role, he headed the Public Health Agency of Canada which provides leadership on the government's efforts to protect and promote the health and safety of Canadians. Before taking his current position, Dr. Butler-Jones was chief medical health officer and executive director of the Population Health and Primary Health Services Branches for the Province of Saskatchewan from 1995 to 2002.

Dr. Butler-Jones has taught at both the undergraduate and graduate levels and has been involved as a researcher in a broad range of public health issues. He is a professor in the faculty of medicine at the University of Manitoba as well as a clinical professor with the Department of Community Health and Epidemiology at the University of Saskatchewan's College of Medicine.

Dr. Butler-Jones has served with a number of organizations in various roles including president of the Canadian Public Health Association; vice president of the American Public Health Association; chair of the Canadian Roundtable on Health and Climate Change; international regent on the board of the American College of Preventive Medicine; member of the Governing Council for the Canadian Population Health Initiative; chair of the National Coalition on Enhancing Preventive Practices of Health Professionals; and co-chair of the Canadian Coalition for Public Health in the 21st Century.



SCHEDULE OF EVENTS

10:00 a.m. Opening

- AnnMarie Schneider, Director, Canadian Studies Center, International Studies and Programs, Program Development, Institute for Public Policy and Social Research, MSU
- Reza Nassiri, Associate Dean of Global Health, College of Osteopathic Medicine
Director, Institute of International Health
Lead on MSU One Health Initiative, MSU

10:15 a.m. Special Welcome

- Lou Anna K. Simon, President, Michigan State University

10:30 a.m. Session Chair: AnnMarie Schneider

Key Remarks

- Carol Rubin, U.S. Center for Disease Control and Prevention (CDC), Point Person for One Health, Associate Director, National Center for Emerging Zoonotic and Infectious Disease
TOPIC: The Role of Academic Institutions in the One Health Initiative

11:00 a.m. Panel and Audience Exchange (Moderator, Bruce Dudley, Delphi Group)

Current Work Examples in One Health – Panel Remarks

- Tom Voice, Professor of Civil & Environmental Engineering and Director, Hazardous Substance Research Center, Michigan State University
- Monica List, PhD Candidate, Department of Philosophy, MSU
- Hugh Townsend, Professor of Veterinary Medicine, Program Chair for Vaccine and Infectious Disease, International Vaccine Center, University of Saskatchewan
- John Kaneene, University Distinguished Professor of Epidemiology, Director of the Center for Comparative Epidemiology, College of Veterinary Medicine, MSU

12:15 p.m. Lunch Out Loud – Food and Networking

1:00 p.m. Session Chair: Reza Nassiri

Key Remarks

- David Butler-Jones, Immediate Past Canadian Chief Public Health Officer
Keynote, Global Risk Forum 2014 in Davos, Switzerland
TOPIC: Critical Needs of the One Health Initiative

1:30 p.m. Panel and Audience Exchange (Moderator)

Cross Collaboration in One Health – Panel Remarks

- Mark Forbes, Professor of Biology; Associate VP for Research, Carleton University
- Steven Pueppke, Professor of Plant Biology, Associate VP for Research and Graduate Studies, MSU
- Hugh Townsend, Professor of Veterinary Medicine, Program Chair for Vaccine and Infectious Disease, International Vaccine Center, University of Saskatchewan
- Doug Buhler, Director of MSU Ag-Bio Research, Senior Associate Dean for Research of the College of Agriculture and Natural Resources, MSU

2:00 p.m. Audience Group Session (Moderator)

Group 1 - One Health Education; Group 2 - Interdisciplinary Collaborations (regional, national and international); Group 3 - One Health Development Projects

2:45 p.m. Group Reports – Next Steps for developing a framework for North American Alliance for One Health with emphasis on research, education, and actionable items for collaborating

3:15 p.m. Closing

3:30 p.m. Dismissal



MEETING CHAIRS

Reza Nassiri

Associate Dean of Global Health Programs, College of Osteopathic Medicine
Director, Institute of International Health

A professor of clinical pharmacology and lecturer in tropical medicine, Dr. Raza Nassiri is an expert in global health education, research, development projects and governance. He has developed HIV/AIDS Clinical Research Programs in Haiti and the Dominican Republic. He has delivered seminar presentations on HIV/AIDS and Hematologic Malignancies during numerous benchmark conferences and serves as an active member of Merck's and POMA Speaker's Bureau for HIV/AIDS.

Professor Nassiri is a NBOME item writer for COMLEX level-2 in hematologic disorders and infectious diseases, including HIV/AIDS. He has undertaken a range of administrative duties at national and international levels, including membership on numerous committees for IAMRA (International Association of Medical Regulatory Authorities), UNESCO Bio ethics (a U.N. charter), OIA Outreach Programs, AOA-BIOMEA (AOA Bureau on International Osteopathic Medical Education and Affairs), Advisory Committee Member on HIV/AIDS for the Commonwealth of Pennsylvania, Health Board Member for Erie County Department of Health in Erie, Pennsylvania, Vice President of IBN-Sina Medical Society in Cleveland, Ohio, and President of Sigma Xi Scientific Society for the N.W. Pennsylvania Chapter. He has also served as a consulting expert for the WHO on the standardization of osteopathic practice in Milan, Italy, and is a Professional Board Member for the Student National Medical Association. He was involved in international humanitarian projects such as the Kenya Well Project (Village of Ngeta, Eastern Kenya), and the International Wheelchair Mission for impoverished countries.

His efforts in developing Osteopathic International Outreach Programs for medical students is well recognized by the American Osteopathic Association. As Director of the Institute of International Health (IIH) at Michigan State University, Dr. Nassiri works to advance the knowledge of health and medicine to impoverished and developing regions of the world through active learning experiences and development research projects while making an impact on global health standards.

AnnMarie Schneider

Director, Program Planning and Development for the Institute for Public Policy and Social Research
Director, Canadian Studies Center, International Studies and Programs

AnnMarie Schneider brings more than 20 years of experience in communications, leadership education and government relations to her role as director of an annual public policy forum series, now in its 24th year. The series links the academic, business and policy sector in a research based discussion of pressing issues at the state, federal and international policy level. She administers a faculty grant program that supports research of issues that are immediately relevant to the policy arena, building an information exchange between research and the policy process. As Director of the Canadian Studies Center, AnnMarie is interested in U.S. and Canada connections as well as Canada's contribution to a global society. She is recognized for creating networks comprised of faculty researchers, policy makers, and business leaders to foster discussions on US-Canada policy and relations. AnnMarie is a founding member and vice-chair of the Great Lakes International Trade and Transport Hub (GLITTH) Initiative. As vice president of the Midwest Association for Canadian Studies, and board advisor to MSU's Community Economic Development Center, she has led numerous discussions across the Midwest and in Canada on binational, multi and interdisciplinary collaboration in the academic, business and policy arenas.



AnnMarie has directed numerous leadership and communication efforts including the Statewide Environmental Youth Awards, Informing the Debate Paper Series, Governor's Citizen Awards, Small Business Entrepreneurial Learning Series, MSU Legislative Leadership Program and assisted implementation and communications of the Michigan Political Leadership Program (MPLP) for which she remains an advisor.

MODERATOR

Bruce Dudley

Senior Vice President

The Delphi Group

Dudley is responsible for business development and relations for Eastern Canada. As senior project advisor he provides strategic advice and oversight on sustainability and carbon with specific emphasis on regulatory and non-regulatory approaches to effect change in corporate and public behavior. He has an interest in health as a decision-making priority.

SPECIAL GUESTS AND PANELISTS

Lou Anna K. Simon

President

Michigan State University

As president, Simon has engaged Michigan State University in a strategic and transformative journey to adapt the principles of the land-grant tradition to 21st-century challenges. She has expanded MSU's reach in the state and around the world by focusing the university's strengths on solutions that enhance and protect quality of life: clean and affordable energy, access to education, safe and plentiful food, and health care.

Doug Buhler

Director of MSU Ag-Bio Research

Senior Associate Dean for Research of the College of Agriculture and Natural Resources

Michigan State University

Dr. Buhler is responsible for all research investments in the College of Agriculture and Natural Resources (CANR) and serves as the administrative leader of MSU Ag-Bio Research, a group of more than 300 MSU researchers who engage in innovative, leading-edge research that combines scientific expertise with practical experience to generate economic prosperity, sustain natural resources and enhances the quality of life in Michigan, the nation and the world.

Mark Forbes

Professor of Biology

Associate Vice President for Research

Carleton University

Since joining Carleton University in 1995, Forbes attained the Canada Research Chair in Ecological Parasitology and Wildlife Conservation, and has remained active in research. He has spent the past ten years asking questions about what makes some individuals resistant to parasites and others susceptible, and what factors favor use of many versus few host species, by parasites and pathogens.

John Kaneene

University Distinguished Professor of Epidemiology

Director of the Center for Comparative Epidemiology, College of Veterinary Medicine

Michigan State University

Dr. Kaneene's research emphasis includes the epidemiology and mechanisms of antibiotic resistance; surface water contamination; bovine tuberculosis; and disease surveillance. A focus is on the epidemiology of food-borne pathogens and their relationships to the development of antimicrobial drug resistance in animal and human populations, particularly *Campylobacter*, *Salmonella*, and *E. coli*.

Monica List

PhD Candidate, Department of Philosophy

Michigan State University

Monica List is a doctoral student in the Department of Philosophy at Michigan State University. She earned a veterinary medicine degree from the National University of Costa Rica in 2002, and a MA in bioethics, also from the National University, in 2011. Her research interests include environmental philosophy, sustainability, animal ethics, veterinary ethics, development ethics, and bioethics.

Steven Pueppke

*Associate VP for Research and Graduate Studies
Michigan State University*

An expert in many aspects of the bio-economy, as well as the misconceptions surrounding the “food versus fuel” debate. Pueppke also serves as director of MSU Ag-Bio Research and the MSU Office of Bio-based Technology, a unit designed to marshal MSU research and resources to help foster connections with public and private sector initiatives designed to expand Michigan’s bio-economic sector.

Hugh Townsend

*Professor, Department of Large Animal Clinical Sciences
University of Saskatchewan*

Research Scientist and Program Chair (Contract Research and Core Activities), Vaccine and Infectious Disease Organization, International Vaccine Center

Dr. Townsend lectures in veterinary internal medicine, is an adjunct professor in the Department of Community Health and Epidemiology at the Royal University Hospital, and a research scientist at the Vaccine and Infectious Disease Organization, University of Saskatchewan. His research interests include infectious disease epidemiology; public health; vaccine formulation, delivery and efficacy; and the immune response to infection.

Tom Voice

*Professor of Civil & Environmental Engineering
Director, Hazardous Substance Research Center
Michigan State University*

Dr. Voice's research has focused on sorption phenomena and other environmental mass-transfer processes, pollutant-soil interactions, treatment systems based on adsorption processes, and the environmental behavior of hazardous substances, and exposure assessment. In addition to research, he is currently serving as Associate Director of the Midwest Hazardous Substance Research Center.

PLANNING COMMITTEE

Institute of International Health Michigan State University

Dr. Reza Nassiri

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College of Osteopathic Medicine
Director, Institute of International Health

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Administrative Lead

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Steven Pueppke

Associate VP for Research and Graduate Studies at MSU

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International Studies and Programs

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