

TENTH ANNUAL
GLOBAL HEALTH SYMPOSIUM
“One Health: Making the Connections”



Global Health Institute
UNIVERSITY OF WISCONSIN-MADISON

Tuesday, April 1, 2014
4:30 - 9:00 pm
Health Sciences Learning Center

Sponsored by the UW-Madison Global Health Institute (GHI),
Schools of Medicine and Public Health (SMPH), Nursing (SoN),
Pharmacy (SoP), and Veterinary Medicine (SVM)
Co-sponsored by the SMPH Global Health Interest Group

PROGRAM

HEALTH SCIENCES LEARNING CENTER, ROOM 1306

NOTES

4:30 p.m. Gathering

Music by Steve Meyer

5:00 p.m. Welcome and Announcements

Jonathan Patz, MD, MPH

Professor and Director, UW-Madison Global Health Institute

Paul DeLuca, PhD

Provost and Vice Chancellor of Academic Affairs

Robert Golden, MD

Dean, School of Medicine and Public Health

5:10 p.m. Presentation of Certificates in Global Health

Linda Baumann, PhD, RN, FAAN

Professor Emerita, School of Nursing

5:20 p.m. Introduction of the Keynote Speaker

Jonathan Patz, MD, MPH

5:30 p.m. Keynote Address:

“One Health: Making the Connections”

Christopher Olsen, DVM, PhD

Professor of Public Health, School of Veterinary Medicine

Interim Vice Provost for Teaching and Learning, UW-Madison

6:30 p.m. Symposium with Concurrent Panels

Panel 1: Building Relationships - Room 1306

Panel 2: Caring for Women and Children - Room 1309

Panel 3: Connecting Policy and Health - Room 1325

Panel 4: Re-imagining Place - Room 1335

Panel 5: Investigating Disease - Room 1345

7:50 p.m. Poster session, music and refreshments

ROOM 1306

Panel 1: Building Relationships

Promoting Gender Equity for Women in Medicine

Cynthia Haq, MD, Department of Family Medicine, SMPH;

James Conniff, MD, Department of Family Medicine, SMPH;

Girma Tefera, MD, Department of Surgery, SMPH

clhaq@wisc.edu, james.conniff@fammed.wisc.edu, tefera@surgery.wisc.edu

Veterinary Medicine in Andean Ecuador: Helicopter Missions or Sustainable Endeavors?

Samantha Morello, DVM, DACVS, Department of Surgical Sciences, SVM

smorello@svm.vetmed.wisc.edu

Project1808: Sowing the Seeds of Sustainability through Global-Local School-Community-University Partnership in Post-Conflict Sierra Leone

Alhaji N'jai, PhD, Department of Pathobiological Sciences, SVM

njai@svm.vetmed.wisc.edu

Joint Presentation:

Reverse Innovation in Global Health Partnerships: Stories of Personal and Professional Impact on US-based Volunteers: Global Partners

Elizabeth Arnold, MPH, Gundersen Health System, LaCrosse, WI

ejarnold@gundersenhealth.org

Reverse Innovation in Global Health Partnerships: Stories of Personal and Professional Impact on US-based Volunteers: Ethiopia Twinning Partnership

Heidi Busse, MPH, Department of Surgery, SMPH

busse@surgery.wisc.edu

ROOM 1309

Panel 2: Caring for Women and Children

Infant Nutrition in Inharrime

Mary B. Rysavy, MD, Department of Obstetrics and Gynecology, SMPH
mrysavy@uwhealth.org

Supporting Secondary Education for Orphaned Students in Malawi: Lessons Learned from a Program Assessment

Karen Solheim, RN, PhD, School of Nursing;
Whitney Lingenfelter, RN, BS, School of Nursing
kdsolheim@wisc.edu, wlingenfelte@wisc.edu

Maternal Attitudes and Knowledge of Childhood Immunizations in Rural Uganda

Bryan Vonasek, MD Candidate, SMPH
vonasek@wisc.edu

Family Planning Quality Improvement Assessment at St. Paul Millennium Hospital in Addis Ababa, Ethiopia

Jennifer Karnowski, MD, Department of Obstetrics and Gynecology, SMPH;
Cynthia Anderson, MD, Department of Obstetrics and Gynecology, SMPH
jkarnowski@uwhealth.org, ckanderson@wisc.edu

Basic Life Support in Obstetrics (BLSO®) in India and Ethiopia: Meeting the Need for Maternity Skills Training of Prehospital Personnel

Ann Evensen, MD, Department of Family Medicine, SMPH
ann.evensen@uwmf.wisc.edu

FALL 2014: CERTIFICATE IN GLOBAL HEALTH GRADUATES

Laura Jacobson

Rania El-Desoki

Sarah Koth

Alyssa Walker

The Certificate in Global Health Program for Graduate, Professional and Capstone Students is accepting applications until April 15, 2014. Please see our website, <http://ghi.wisc.edu/graduatecapstone-certificate-in-global-health/> for more details.

Contact: Betsy Teigland, Programs Coordinator, at
teigland@wisc.edu

MUSIC

STEVE MEYER, GUITAR AND PIANO

CATERING

CRANBERRY CREEK

SPECIAL THANKS

UW SMPH GLOBAL HEALTH INTEREST GROUP (GHIG)
CO-CHAIRS:

- Ritika Batajoo
- Elizabeth Abbs

This evening's presentations will be available for viewing on our website, ghi.wisc.edu, approximately one-two weeks after the event.

POSTER PRESENTATIONS - 5

Natural and Human Factors Negatively Affecting the Beluga Whale (*delphinapterus leucas*) Populations in North America

Wynn Diels, Undergraduate
wdiels@wisc.edu

A Food-based Approach to Reducing Vitamin A Deficiency Among Women and Children Ages 6-59 months in Southern Ethiopia: A Cross-Sectional Study of Nutrition and Health Indicators

Melissa Ptak, Undergraduate
mptak@wisc.edu

Assessing Family Planning Needs in Lunga-Lunga, Kenya: Surveying the Attitudes, Knowledge, and Behavior Attributing to Family Planning Use in Southeastern Kenya

Michele Coleman, MPH Candidate, Department of PHS, SMPH
mlcoleman@wisc.edu

Testing the One Health Hypothesis

Tulika Singh, Undergraduate
tsingh3@wisc.edu

Measuring Food Security-An Evolving Framework

Tobias Hunt, Graduate student, Departments of Agroecology and Plant Pathology, College of Agricultural and Life Sciences
thunt@wisc.edu

The Value of Fragmented Forests for Mitigating Pathogens in Surface Water in Rural Uganda

Gail Emilia Rosen, Graduate student, Department of Pathobiological Sciences, SVM
gerosen@wisc.edu

ROOM 1325

Panel 3: Connecting Policy and Health

Evaluating the Health Impacts of the Structural Vulnerabilities Introduced by Lacking Citizenship Status for Minorities in Thailand

Stephanie Koning, PhD Candidate, Department of Population Health Sciences (PHS), SMPH
koning@ssc.wisc.edu

Young People's Perceptions of Their Environment, Health and Education in Rural, Post-Conflict Sierra Leone

Linda Vakunta, PhD Candidate, Nelson Institute for Environmental Studies
lvakunta@wisc.edu

Seasonal Influenza Vaccination Among Mexican Migrants Traveling Through the U.S.-Mexico Border Region

Ifna Ejebe, MD/PhD Candidate, Department of PHS, SMPH
ejebe@wisc.edu

Exploring Medication Safety Hazards in an Ethiopian Academic Emergency Department: A Human Factors Approach

Ephrem A. Aboneh, MPharm, PhD Candidate, Department of Social & Administrative Sciences, SoP;
Michelle A. Chui, PharmD, PhD, Department of Social & Administrative Sciences, SoP
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Have Couch, Will Travel: A Psychiatrist in the United States Foreign Service

William Swift, MD, Department of Psychiatry, SMPH
wjswift@wisc.edu

ROOM 1335

Panel 4: Re-imagining Place

Improving Animal and Human Health and Empowering Rural Women Farmers Through Dairy Training

Connie Cordoba, Outreach Specialist, Department of Dairy Science,
College of Agricultural and Life Sciences;

Amit Nimunkar, PhD, Department of Biomedical Engineering,
College of Engineering

mccordoba@wisc.edu, ajnimunkar@wisc.edu

Climate Change and Health Risks from Extreme Heat and Air Pollution in the Eastern United States

Vijay Limaye, PhD Candidate, Department of PHS, SMPH and Nelson
Institute for Environmental Studies

vlimaye@wisc.edu

Takin' It to the Streets: The Global Health Issue of Road Safety in Ethiopia

Jason Vargo, PhD, Postdoctoral Fellow, Department of PHS, SMPH and
Nelson Institute for Environmental Studies

javargo@wisc.edu

Risk Assessment of Total and Bioaccessible Potentially Toxic Elements (PTEs) in Urban Soils of Baghdad, Iraq

Samera Hamad, PhD Candidate, Environmental Chemistry and Technology
Program, College of Engineering

shamad@wisc.edu

Global Implications of Local Findings: Predictors of Active Transportation in Wisconsin

Maggie Grabow, PhD, Department of PHS, SMPH;

Jonathan Patz, MD, MPH, Department of PHS, SMPH and Nelson Institute for
Environmental Studies

grabow@wisc.edu, patz@wisc.edu

POSTER PRESENTATIONS - 4

Journey to Recovery: Patterns of Narratives and Interactions in a Mobile-based Support Group for People with Alcohol Use Disorder (AUD)

Tae Joon Moon, PhD Candidate, School of Journalism and
Mass Communication, College of Letters and Science

tmoon3@wisc.edu

Application of Feminist Intersectionality to Health Behavior Change Model

Yangsun Hong, PhD Candidate, School of Journalism and
Mass Communication, College of Letters and Science

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Primary Intraocular Chondrosarcomas in Dogs and Cats

Billie Beckwith Cohen, MBA, DVM, Department of
Pathobiological Sciences, SVM

billiebc@gmail.com

Vaccine Coverage in Rural Uganda: Opportunity for mHealth Initiatives

Leah Warkel, Undergraduate

lwarkel@wisc.edu

Maternal Health in Rural Uganda: Opportunity for mHealth Initiatives

Ellie Port, Undergraduate

erport@wisc.edu

Bushmeat Trade in Cross River State, Nigeria: Pathways for Zoonotic Disease Exposure

Sagan Friant, PhD Candidate, Nelson Institute for Environmental Studies and
Department of Pathobiological Sciences, SVM

scfriant@wisc.edu

Linking Agriculture and Health: Associations between Household Food Insecurity and Health Outcomes in Southern Ethiopia

Heidi Busse, MPH, Department of Surgery, SMPH

Anne Bruckner, MS, Department of Surgery, SMPH

busse@surgey.wisc.edu, annebruckner@gmail.com

POSTER PRESENTATIONS - 3

Service Learning in Belize

Joel Hill, MPAS, PA-C, Physician Assistant Program, Department of Family Medicine, SMPH

Kevin Wyne, PA-C, Physician Assistant Program, Department of Family Medicine, SMPH
jrhill5@wisc.edu, kwyne@wisc.edu

Ecuador: A Public Health Experience

Christine Ripp, Alyssa Walker, MD Candidates, SMPH
caripp@wisc.edu, amwalker4@wisc.edu

Partnering with Jalisco, Mexico, Rural Communities through Microenterprise

Surbhi Singhal, MD Candidate, SMPH
ssinghal@wisc.edu

Microenterprise and Health: Connecting Women Artisans in La Calera, Ecuador, to Markets in Madison, Wisconsin through the Wisconsin Without Borders-Marketplace Project

Stephanie Veazie, MPH Candidate, Department of PHS, SMPH;
Alexandria Cull, Miranda Torkelson, Undergraduates
veazie@wisc.edu, acull@wisc.edu, mrtorkelson@wisc.edu

Ducks and Microenterprise in Uganda: A Pilot Program for Community Partnership Development

Tyler Anderson, Elizabeth Sequin, Anna Marsicek, Undergraduates
Village Health Project
vhproject@gmail.com

The Global Health Coalition, A Burgeoning Local Network

Eric Obscherning, Tulika Singh, Dan Simon, Nikki Smith, Undergraduates
Global Health Coalition
ghc.students@gmail.com

ROOM 1345

Panel 5: Investigating Disease

Has the Time Come for Big Science in Wildlife Health?

Jonathan Sleeman, MA, VetMB, Center Director for USGS, National Wildlife Health Center and Department of Pathobiological Sciences, SVM
jsleeman@usgs.gov

Detection of Viable *Mycobacterium avium* subsp. *paratuberculosis* (MAP) in Infant Formula

Michael T. Collins, DVM, PhD, Department of Pathobiological Sciences, SVM
mcollin5@wisc.edu

Variable Selection and Regression Analysis for the Prediction of Mortality Associated with Foodborne Diseases

Ermias Amene, PhD, Postdoctoral student, Department of Pathobiological Sciences, SVM
amene@wisc.edu

Estimation of HIV/HBV/HCV Seroprevalence in Ethiopia Using Rapid Multiplex Antibody Detection

DeMarco Bowen, MD Candidate, SMPH
dabowen@wisc.edu

Modeling Host Responses to Understand Severe Human Virus Infections

Amie J. Eisfeld, Associate Scientist, Department of Pathobiological Sciences, SVM
aefenney@svm.vetmed.wisc.edu

POSTER PRESENTATIONS - 1

Identification of H5N1 Avian Influenza Polymerase Mutations Conferring Pandemic Potential

Andrew Taft, Research associate, Department of Pathobiological Sciences, SVM
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Identification of Stabilizing Mutations in an H5 HA Influenza Protein

Anthony Hanson, Graduate student, Department of Pathobiological Sciences, SVM
aphanson@wisc.edu

Characterization of Avian H5N1 Influenza Viruses Isolated in Vietnam During 2008-2011

Shufang Fan, Assistant scientist, Department of Pathobiological Sciences, SVM
sfan3@svm.vetmed.wisc.edu

Non-communicable Diseases in Turkey

Yeliz Akkus, PhD, Visiting faculty, SoN
yakkus@wisc.edu

Smoking Epidemic in Eastern Turkey

Gulnaz Karatay, PhD, Visiting faculty, SoN
gkaratay@wisc.edu

The Moringa Tree Sustainability Project

Aubrey Winkie, Undergraduate
awinkie@wisc.edu

Water and Community Development in Haiti through the Lens of Participatory Photography

Zanna Hittner, Graduate student, Department of Life Sciences Communication, College of Agricultural and Life Sciences
chittner@wisc.edu

POSTER PRESENTATIONS - 2

Healthcare Access and Traditional Medicine Among the Sidama of Ethiopia

Alex McAlvay, PhD Candidate, Department of Botany, College of Letters and Science
mcalvay@wisc.edu

Wisconsin Companion Animal Resources, Education, and Social Services (WisCARES)

William Gilles, DVM, Department of Medical Sciences, SVM
wkgilles@wisc.edu

UW-Madison Doctor of Physical Therapy Students Partner with Andean Health and Development to Promote Physical Therapy and Enhance Family Medicine Physician Education in Rural Ecuador

Jesse Majxner, Guillermo Contreras, Doctor of Physical Therapy Candidates, SMPH
majxner@wisc.edu, ghcontreras@wisc.edu

UW-Madison Physical Therapy Promotes Disability Awareness and Inclusion in Toledo District, Belize

Amanda Cleary, Kelsey Figg, Paul Larson, Christa Wille, Doubara Wis-Wolo, Ashley Woest, Doctor of Physical Therapy Candidates, SMPH
cmwille@wisc.edu

STEP-UP: Skills Training in Emergency Practices-UW-Madison Partnerships

Elizabeth Wendt, Undergraduate
emwendt@wisc.edu

UW-Madison Project1808 Multi-disciplinary Community-based Global Health and Sustainability Innovation Camp in Rural Sierra Leone

Taylor Jaraczewski, Graduate student, Department of Biomedical Engineering, College of Engineering;
Abhishek Mehrotra, Undergraduate, Department of Mechanical Engineering, College of Engineering
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