

Special Symposium | Call for Papers

International Geospatial Health Research Symposium: Creating Synergies

AAG Annual Meeting, Chicago, April 21-25, 2015

Sponsors:

The International Geospatial Health Research Network

The AAG Health and Medical Geography Specialty Group (HMGS)

The Association of American Geographers (AAG)

The International Association of Chinese Professionals in Geographic Information Sciences (CPGIS)

This Symposium within the 2015 AAG Annual Meeting will explore new research frontiers in geospatial health research and foster international networks to share this information across borders and generate research synergies. It builds on multiple AAG Geography and Health Initiatives of the past decade, including the AAG Initiative for an NIH-wide Geospatial Infrastructure for Health Research, several recent AAG health initiatives and grants with the National Institutes of Health and National Science Foundation, and a recent international forum jointly organized by the AAG, the International Association of Chinese Professionals in Geographic Information Sciences (CPGIS), Chinese University of Hong Kong, Hong Kong Polytechnic University, University of Hong Kong, Utrecht University, and several health ministries and organizations in Europe, to launch an International Geospatial Health Research Network.

We welcome participation from geographers, GIScientists, health researchers, and other scientists working at the frontiers of geography, GIScience, and health at the AAG Annual Meeting in Chicago, April 21-25, 2015. Papers on all aspects of health research and its intersections with geography or GIScience are welcome. Topics may include but are not limited to:

- improving assessments of exposures to physical and social environments and health
- exposure monitoring utilizing real-time GPS/GIS methods
- infectious diseases and their relations to climate change
- geographic and environmental dimensions of chronic diseases
- cancer: genes, epigenetics, and the physical and social environment
- spatial patterns of drug abuse and treatment
- gene-environment interactions
- social environments and mental health
- crowd sourcing of geospatial data for health
- mHealth and global health service delivery initiatives
- health disparities and inequalities
- genomes, health, and geography
- disease ecologies
- environmental and public health policy
- interactions among environment, pathogens, humans, and institutions
- neighborhood effects on health behaviors and outcomes
- geographies of public health policies
- geospatial big data and health
- spatial analysis and modeling of disease and disease diffusion
- mobilities and health
- health care provision, access, and utilization
- accessibility of healthcare services and its optimization.
- health and well-being

- methodological issues in health research (e.g., MAUP, UGCoP)
- global health research and public health initiatives

To participate in the International Geospatial Health Research Symposium, please submit your abstract at www.aag.org/annualmeeting. When you receive confirmation of a successful abstract submission, please then forward this confirmation to: geohealth@aag.org. The abstract deadline is **October 27, 2014**.

For more information, please visit www.aag.org/annualmeeting, or contact members of the Symposium organizing committee at geohealth@aag.org.

The International Geospatial Health Research Symposium steering committee chairs and members are:

Chair: Mei-Po Kwan (University of Illinois at Urbana-Champaign)

Co-Chairs: Martin Dijst (Utrecht University), Douglas Richardson (AAG); Bing Xu (Tsinghua University)

Committee members:

David Balshaw (U.S. National Institutes of Health - NIEHS)

David Berrigan (U.S. National Institutes of Health - NCI)

Bert Brunekreef (Utrecht University)

Yanwei Chai (Peking University)

Bin Chen (Beijing Normal University)

Xiang Chen (Arkansas Tech University)

Eric Delmelle (University of North Carolina at Charlotte)

Xiaoli Ding (Hong Kong Polytechnic University)

Ling Bian (University at Buffalo, State University of New York)

Bethany Deeds (U.S. National Institutes of Health - NIDA)

Michael Emch (University of North Carolina, Chapel Hill)

George Gao (National Institute for Viral Disease Control and Prevention, China)

Mike Goodchild (University of California, Santa Barbara)

Sue Grady (Michigan State University)

Anthony Grubestic (Drexel University)

Bo Huang (Chinese University of Hong Kong)

Geoffrey Jacquez (University at Buffalo, State University of New York)

Youngho Kim (Korea University)

Poh Chin Lai (University of Hong Kong)

Nina Lam (Louisiana State University)

Jiyeong Lee (University of Seoul)

Yee Leung (Chinese University of Hong Kong)

Erik Lebrec (National Institute for Public Health and the Environment, the Netherlands)

Hui Lin (Chinese University of Hong Kong)

Marianne Linde (TNO, the Netherlands)

Becky Loo (University of Hong Kong)

Johnathan Mayer (University of Washington)

Sara McLafferty (University of Illinois at Urbana-Champaign)

Jeremy Mennis (Temple University)

Alan Murray (Drexel University)

Tomoki Nakaya (Ritsumeikan University)

Tijs Neutens (Ghent University)

Lilian Pun (Hong Kong Polytechnic University)
Zihe Rao (Tsinghua University)
Mark Rosenberg (Queen's University)
Gerard Rushton (University of Iowa)
Clive Sabel (University of Bristol)
John Shi (Hong Kong Polytechnic University)
Elisabeth Root (University of Colorado)
Tim Schwanen (Oxford University)
Xun Shi (Dartmouth University)
Shu Tao (Peking University)
Zaria Tatalovich (U.S. National Institutes of Health - NCI)
Fahui Wang (Louisiana State University)
Jinfeng Wang (Chinese Academy of Sciences)
Shaowen Wang (University of Illinois at Urbana-Champaign)
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