

The University Center for Social and Urban Research Brown Bag Seminar Presents...

# Health and Geographic Information Systems



**Kristen Kurland**, Teaching Professor, Carnegie Mellon University School of Architecture and the H. John Heinz III College

**David Wallace, MD, MPH** Assistant Professor, University of Pittsburgh School of Medicine



**Friday, February 28<sup>th</sup>**  
**Noon-1:15 pm**

**University Center for Social and Urban Research**  
**3343 Forbes Ave. 1<sup>st</sup> Floor Conference Room**  
(across the street from Magee-Womens Hospital)

Please join us as Kristen Kurland and David Wallace will discuss work being done in the field of health and GIS, with special focus related to spatial epidemiology and the built environment.

**Kristen Kurland** Kristen Kurland has a joint faculty appointment in CMU's School of Architecture and the H. John Heinz III College, and is a nationally and internationally known expert on Geographic Information Systems (GIS), particularly as they relate to health. Kurland's research focuses on community design, its influence on health, and how public policy can improve public health through thoughtful design decisions. Her recent work includes studies of how the built environment affects patterns of childhood obesity, pedestrian injuries, and other health conditions. She actively collaborates with physicians, public health officials, city planners, and others interested in health and the built environment. Kurland is the co-author of best-selling GIS books, has won numerous teaching awards, as well as the Esri 2012 Health Communications Award. She serves this year as president-elect of the Andrew Carnegie Society, a donor society at Carnegie Mellon.

**David Wallace, MD, MPH** is an Assistant Professor in the Departments of Critical Care Medicine and Emergency Medicine at the University of Pittsburgh School of Medicine. He was awarded a Master's of Public Health in epidemiology from Emory University and worked staff epidemiologist in the Emerging Infections Program at the Centers for Disease Control and Prevention. He earned his medical degree from the State University of New York Downstate and completed his residency training in combined emergency medicine and internal medicine at Kings County Hospital in Brooklyn, New York. He completed a critical care medicine fellowship at the University of Pittsburgh and then spent an additional year as a post-doctoral scholar through the National Institutes of Health's National Research Service Award training program. Dr. Wallace is currently funded the National Institutes of Health to study health care geography. His research interests relate to the structural organization of critical care and regional health care quality.

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