

Tuesday, April 16, 2013

12:00 - 12:50 p.m.

Health Sciences, Room T-474

Blaine Reeder, PhD

Postdoctoral Fellow

Biobehavioral Nursing and Health Systems

School of Nursing University of Washington

“Framing health smart homes research using an evidence-based public health typology: integrated methods and findings from a systematic review”

Systematic reviews synthesize evidence from scientific literature on a specific topic. Research about health smart homes and related home-based consumer health technologies is published in venues specific to different disciplines and indexed in disparate repositories, resulting in fragmentation of reported evidence. In this talk, I will discuss the approach and results from a recent systematic review we conducted to categorize evidence from health smart homes research to support independent living for older adults. Our methods involved integrating STARE-HI guidelines for data abstraction with an evidence-based public health typology for categorization of findings to give a synthesized view of current health smart homes research.

Blaine Reeder is a Postdoctoral Fellow in the Department of Biobehavioral Nursing and Health Systems at the University of Washington School of Nursing. He begins as Assistant Professor of Health Care Informatics in the Division of Informatics, Health Systems and Leadership at the University of Colorado Denver College of Nursing in August 2013. Dr. Reeder’s research area is informatics to connect the contexts of consumer health and public health with a focus on systems to support aging in place for older adults. His research aims to improve information interactions at individual levels, communication and coordination at group levels, and health outcomes at population levels. He uses a participatory approach to characterize stakeholder information needs and activities for the design, implementation and evaluation of informatics-based health interventions. His work is inherently interprofessional and he has collaborated with nurses, physicians, epidemiologists, computer scientists, gerontologists, public health administrators and other informaticians in pursuit of his research goals. Dr. Reeder’s research and training have been funded by the National Library of Medicine and the National Institute of Nursing Research. He is Co-Chair for Informatics of the Research Committee of the International Society for Disease Surveillance.