



AAG Annual Meeting

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Paper Session:

2641 Health Disparities: Contemporary and Emerging Methods

is scheduled on Wednesday, 4/22/2015, from 5:20 PM - 7:00 PM in New Orleans, Hyatt, West Tower, Gold Level

Sponsorship(s):

Geographic Information Science and Systems Specialty Group
Health and Medical Geography Specialty Group
Spatial Analysis and Modeling Specialty Group
International Geospatial Health Research Network

Organizer(s):

[Yolanda McDonald](#) - Texas A&M University

Chair(s):

[Daniel Goldberg](#) - Texas A&M University

Abstract(s):

5:20 PM Author(s): *Yanjia Cao - University of Iowa
Kathleen Stewart - University of Iowa

Abstract Title: *Geographic patterns of kidney transplants in the US: disparities by race and ethnicity*

5:40 PM Author(s): *Xiang Chen - Arkansas Tech University
Jill Clark - The Ohio State University

Abstract Title: *Food Access beyond Space: Temporal Food Access Disparity in Franklin County, Ohio*

6:00 PM Author(s): *Yolanda J McDonald, MA - Department of Geography, Texas A&M University
Michael Schwind - Department of Geography, Texas A&M University
Daniel W Goldberg, PhD - Department of Geography, Texas A&M University
Isabel Scarinci, PhD, MPH - University of Alabama, School of Medicine, Division of Preventive Medicine
Philip E Castle, PhD, MPH - Global Coalition Against Cervical Cancer
Jack Cuzick, PhD - Queen Mary, University of London, Wolfson Institute of Preventive Medicine
Ann Powell - University of New Mexico, School of Medicine, Department of Pathology
Michael Robertson - University of New Mexico, School of Medicine, Department of Pathology
Cosette M Wheeler, PhD - University of New Mexico, School of Medicine, Department of Pathology

Abstract Title: *Landscape of cervical cancer screening, diagnosis and pre-cancerous treatment services in New Mexico, USA.*

6:20 PM Author(s): *Marynia Aniela Kolak - Arizona State University
*Daniel R. Block - Chicago State University

Abstract Title: *Spatio-temporal analysis of Healthy Food Access in Chicagoland from 2007-2014*

6:40 PM Author(s): Tonny J Oyana, PhD - University of Tennessee Health Science

Center
Sheri L Edwards, PhD - Western Carolina University
*Lisa C. Lindley - University of Tennessee

Abstract Title: *Examining geographic health disparities among children with cancer*

Session Description: Health disparities studies have demonstrated that persons of lower socioeconomic status and members of racial/ethnic minority groups tend to experience a greater morbidity burden. These groups systematically suffer from poorer health due to a range of reasons, including lower levels of education, higher rates of unemployment, being uninsured or under-insured, and reduced access to medical care (Mirowsky, Ross, & Reynolds, 2000). Our knowledge of the role of geographic location of health care services and associated health outcomes is being informed by spatial analyses methods ranging from Euclidean distance to three-step floating catchment area (Henry et al., 2011; Wan, Zou, & Sternberg, 2012). The complexity of health disparities requires that researchers integrate non-spatial and spatial dimensions of health care access to critically engage health disparities.

This paper session intends to provide a forum for conceptual, theoretical, methodological, and empirical scholarship on health disparities. It will be part of the International Geospatial Health Research Symposium. We welcome qualitative and quantitative case studies, reviews of the literature, critical evaluations of methods and tools, comparative analyses, and discussions of future research needs that focus on any aspect of health disparities.

Please submit abstracts of 250 words or less to Yolanda J. McDonald (ymcdonald77@tamu.edu) by October 27, 2014. Accepted submissions will be contacted by October 31, 2014, and participants are expected to register and submit their abstracts online at the AAG website by November 5, 2014.

References:

Henry, K. A., Boscoe, F. P., Johnson, C. J., Goldberg, D. W., Sherman, R., & Cockburn, M. (2011). Breast cancer stage at diagnosis: is travel time important? *J Community Health, 36*(6), 933-942. doi: 10.1007/s10900-011-9392-4

Mirowsky, J., Ross, C., & Reynolds, J. (2000). Links between social status and health status. In C. Bird, P. Conrad, & A. Fremont (Eds.), *Handbook of Medical Sociology*, 5th edition (pp. 47-67). Upper Saddle River, NJ: Prentice-Hall.

Wan, N., Zou, B., & Sternberg, T. (2012). A three-step floating catchment area method for analyzing spatial access to health services. *International Journal of Geographical Information Science, 26*(6), 1073-1089. doi: 10.1080/13658816.2011.624987
