



## AAG Annual Meeting

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### Paper Session:

#### 5539 Health Care Workforce Geography

is scheduled on Saturday, 4/12/2014, from 4:00 PM - 5:40 PM in Room 39, TCC, Fourth Floor

#### Sponsorship(s):

Health and Medical Geography Specialty Group  
Spatial Analysis and Modeling Specialty Group  
Geographic Information Science and Systems Specialty Group

#### Organizer(s):

[Imam Xierali](#) - AAMC

#### Chair(s):

[Fahui Wang](#) - Louisiana State University

#### Abstract(s):

**4:00 PM Author(s):** \*James Holt - CDC/ Centers for Disease Control  
Xingyou Zhang, MS, PhD - Centers for Disease Control and Prevention  
Hua Lu, MS - Centers for Disease Control and Prevention  
Stephen Onufrak, PhD - Centers for Disease Control and Prevention  
Jiawen Yang, PhD - School of Urban Planning and Design, Peking University  
Steven French, PhD - Georgia Institute of Technology  
Daniel S Sui, PhD - Ohio State University

Abstract Title: *Neighborhood commuting environment and obesity in the United States: an urban-rural stratified multilevel analysis*

**4:20 PM Author(s):** \*Imam Xierali, PhD - AAMC

Abstract Title: *Variations in Mississippi Potentially Preventable Hospitalization Rates*

**4:40 PM Author(s):** \*Lu Wang, Dr. - Ryerson University

Abstract Title: *Exploring ethnic variations in healthcare access in Canada: a comparison among multiple ethnic groups*

**5:00 PM Author(s):** \*Paul L Delamater, Ph.D. - Michigan State University

Abstract Title: *The Effects of Aggregation Error on Accessibility Characterization in Network Data Space*

**5:20 PM Author(s):** Liang Mao, PhD - University of Florida  
\*Dawn Nekorchuk, MSPH - University of Florida

Abstract Title: *Measuring Spatial Accessibility to Healthcare for Populations with Multiple Transportation Modes*

**Session Description:** This session will bring together scholars interested in exploring the geographic (mal-) distribution of health care workforce in the United States and the rest of the world. Federal and state incentive programs such as Health Professional Shortage Areas, Physician Scarcity Areas, Medically Underserved Areas / Population,

Geographic Practice Cost Indices, National Health Service Corp., and Federally Qualified Health Centers are created to influence health care providers' practice location choice and reward those providing care in the most underserved areas in the US. Papers that address the diversity and inclusion in health care workforce, distribution patterns, colocation patterns, medical school catchment area and footprints, as well as migration patterns of health care workforce, delineation of rational health care service areas, access to health care, and the associated geographic patterns of health care utilization, health outcomes, and health care cost would be greatly welcomed.

To have your paper included in this session, please register for the upcoming AAG meeting, submit your abstract, and then forward your registration number to Imam Xierali (ixierali at aamc.org).

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