



AAG Annual Meeting

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Paper Session:

5241 Health Workforce Geography

is scheduled on Saturday, 4/25/2015, from 10:00 AM - 11:40 AM in New Orleans, Hyatt, West Tower, Gold Level

Sponsorship(s):

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

Organizer(s):

[Imam Xierali](#) - AAMC

Chair(s):

[Imam Xierali](#) - AAMC

Abstract(s):

10:00 AM Author(s): *Ho-Seop Cha - University of Missouri-Kansas City
 Sunyun Choi, FNP, ANP, MSN, MS - Honor Annex at VA Medical Center, Kansas City, MO

Abstract Title: *Spatial analysis of colon cancer with regard to its causes using GIS*

10:20 AM Author(s): *Imam Xierali - AAMC
 Marc Nivet, EdD; MBA - AAMC
 Xuan Shi, PhD - University of Arkansas

Abstract Title: *Identifying Spatial Uncertainty in Physician Practice Location: A Case Study of Metro Atlanta Region*

10:40 AM Author(s): *Wei Tu - Georgia Southern University
 Jun Tu - Kennesaw State University

Abstract Title: *Investigating Urban-Rural Disparities in Preterm Birth in Georgia: An Multilevel Modeling Approach*

11:00 AM Author(s): *Warangkana Ruckthongsook, PhD candidate - University of North Texas
 Joseph R Oppong, PhD - University of North Texas
 Chetan Tiwari, PhD - University of North Texas

Abstract Title: *Choice of disease mapping method: Non-parametric or model-based approach?*

11:20 AM Author(s): *LIANG MAO - University of Florida

Abstract Title: *Ranking GIS research organizations in the US - A network analysis of 20 years' publications*

Session Description: This session will bring together scholars interested in exploring the characteristics and distribution of health 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 themes and methodologies for studying the diversity and inclusion, distribution and colocation patterns in health workforce, 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 patterns of health care utilization, health outcomes, and health care cost would be greatly welcomed.

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