



## AAG Annual Meeting

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### Paper Session:

#### 2428 Geo-Health Research at NIH: Issues in modelling population based cancer statistics

is scheduled on Wednesday, 4/10/2013, from 12:40 PM - 2:20 PM in Santa Monica B, Westin, Level 3

#### Sponsorship(s):

Health and Medical Geography Specialty Group  
Spatial Analysis and Modeling Specialty Group  
Geography, GIScience, and Health: Spatial Frontiers of Health Research and Practice

#### Organizer(s):

[Dave Stinchcomb](#)  
[Zaria Tatalovich](#) - National Cancer Institute

#### Chair(s):

[Zaria Tatalovich](#) - National Cancer Institute

#### Abstract(s):

**12:40 PM Author(s):** \*Alicia Rolin - National Cancer Institute  
Zaria Tatalovich, Ph.D. - National Cancer Institute  
Angela Mariotto, Ph.D. - National Cancer Institute  
Steve Scoppa - Information Management Services  
Todd Gibson - Information Management Services

Abstract Title: *A Spatial and Statistical Method to Enable Computation of Cancer Statistics at the Congressional District Level*

**1:00 PM Author(s):** Shunpu Zhang, Ph.D. - University of Nebraska  
Jun Luo, Ph.D. - Information Management Services  
\*Li Zhu, Ph.D. - National Cancer Institute  
David Stinchcomb - Westat, Inc  
Dave Campbell - Information Management Services  
ginger carter - information management services  
Scott Gilkeson -  
Eric J Feuer - National Cancer Institute

Abstract Title: *Confidence Intervals for Ranked Age-adjusted Rates across Geographic Units*

**1:20 PM Author(s):** \*Dave Stinchcomb - Westat, Inc  
Mandi Yu - National Cancer Institute  
James T. Gibson - IMS  
Steve Scoppa - IMS  
Kathy Cronin - National Cancer Institute  
Zaria Tatalovich - National Cancer Institute

Abstract Title: *Using Census Intercensal Population Estimates for Disease Surveillance*

**1:40 PM Discussant:** [Gerard Rushton](#) - University of Iowa

**1:55 PM Discussant:** [Geoffrey Jacquez](#) - State University of New York at Buffalo

*Discussant(s):*

Gerard Rushton - University of Iowa

Geoffrey Jacquez - State University of New York at Buffalo

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**Session Description:** The National Cancer Institute (NCI) has a long history of developing geospatial methods for calculating cancer surveillance statistics and for the dissemination and use of these statistics in geospatial research. The methods developed by the NCI are often applicable to many other health concerns besides cancer. This session will include a number of papers describing recent NCI-initiated research work on issues in calculating and modelling population based cancer statistics.

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