



**GLOBAL INSECURITIES
GLOBAL SOLUTIONS
AND APPLIED ANTHROPOLOGY
IN THE 21ST CENTURY**

**Society for Applied Anthropology
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Society for Applied Anthropology Annual Meeting

Session: The medical anthropology-map merger: Harnessing GIS for participatory health research

Organizers: Namino Glantz & Ben McMahan,

Session Abstract:

Geographic Information Systems (GIS) are a valuable methodological tool that expand our understanding of ‘what’ is happening in a community, as well as ‘where’ these dynamics occur and how they unfold over space and time. Merging GIS mapping with participatory health research facilitates incorporation of community insight in defining, researching, and addressing local problems, and shifts focus from expert-derived products to community-driven processes. Presenters share case studies to explore how GIS might improve health research by enriching understanding of the dynamics of health and well-being, and by promoting community engagement in the research and intervention process.

Papers:

Title: Type 2 Diabetes and Hispanics in Southeast Idaho: Mapping Binational Risk

Author: Jack Nielsen

Title: Identifying health disparities geographically

Authors: Bill Ward, Jae Eun Lee, Jung Hye Sung

Title: Web-based Participatory GIS in California: Mapping Disability, Health, and Housing

Author: Nick Rattray

Title: Merging formative research with participatory GIS mapping to address elder health in Chiapas, Mexico

Authors: Namino Glantz, Ben McMahan

Title: Participatory Mapping for community environmental health assessment on the US-Mexico Border

Authors: Ben McMahan, Brian Burke