



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

**Society for Applied Anthropology  
67th Annual Meeting • March 27 - 31, 2007  
Hyatt Regency Tampa**

## **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