

GIS and Population Science Conference on Spatial Demography

June 30 - July 1, 2005 Lobero Room, University Center, UC Santa Barbara

Program for Thursday, June 30: 9:00 a.m. - 5:15 p.m.

Introduction - Donald Janelle, UCSB (9:00)

Session I -- Regionalization from Population Surveys (9:15 – 10:30)

- Population and health indicators from national surveys in India Rajib Acharya, Johns Hopkins Bloomberg School of Public Health
- The impact of shifting demographics on environmental variables, Utah 1990-2000 Yan Guo, Utah State University
- Comparing ethnic residential integration in metropolitan areas of Canada and the United States
 Ann Kim, Brown University
- Linking place and racial identification in the U.S. Census
 Julie Dowling, UC Santa Barbara / Univ. of Illinois Urbana-Champaign,
- Modeling intra-regional variation in urban quality of life in South East Queensland Roderick McCrea, University of Queensland

Session II – Population, Environment, and Epidemiology (10:45 – 12:00)

- Ecological characteristics of the spatial distribution of malaria vectors in the Peruvian Amazon William Pan, Johns Hopkins University Bloomberg School of Public Health
- Land use, population and settler income in the Ecuadorian Amazon Alisson Barbieri, Carolina Population Center, UNC-Chapel Hill
- Dengue fever on the Texas-Mexico border: using interdisciplinary science to improve public health Joan Brunkard, University of California, Santa Cruz
- HIV-1 in Nairobi, Kenya Michael Chung, University of Washington
- Population associations with STI and HIV among inner city adolescents and young adults Jacky Jennings, Johns Hopkins University Bloomberg School of Public Health

$\textbf{Session III - Health Risk Assessment and Neighborhood Spatial Effects} \ (1:30-2:45)$

- Health effects of chemical exposures using residential histories
 Anneclaire De Roos, University of Washington and Fred Hutchinson Cancer Research Center
- Using probabilistic linkage and GIS to describe burn injury risk in Utah Linda Edelman, University of Utah College of Nursing
- Health impact assessments linking physical and social environments with physical activity levels
 Riti Shimkhada, University of California, Los Angeles
- Neighborhood context and adolescent substance use Karen Snedker, University of Washington School of Nursing

continued...



 Arizona tobacco education and prevention program evaluation unit, measuring spatial effects on outcomes of tobacco prevention programs - Susan Voelker, University of Arizona

Session IV – Spatial Inequality and Poverty (3:00 – 4:00)

- Structural and spatial clustering: creativity, diversity and urban development in Chicago neighborhoods Corina Graif, Harvard University
- Space and race: understanding intra-metropolitan employment differential among minority and immigrant youth in Los Angeles Cathy Yang Liu, University of Southern California
- Spatial arrangements of poverty and precarious employment in Guadalajara, Mexico Landy Sanchez, University of Wisconsin-Madison
- Assessing the impact of public expenditure on social exclusion: A spatially sensitive approach Sonia Martin, Australian Institute for Social Research, University of Adelaide

Session V – Spatial Dimensions of Public Policy in Population Research (4:15-5:30)

- Health geography and public health issues Lisel O'Dwyer, Flinders University
- Geographic dimensions of college student protest Bryan Rookey, Washington State University
- Housing and neighborhood choice of poor in-migrant households to U.S. metropolitan areas Kimiko Shiki, University of California, Los Angeles
- Business relocation and job creation and destruction in California Brandon Wall, Public Policy Institute of California
- Spatial perspectives on nursing shortage Kohei Enami, University of Southern California

Program for Friday, July 1: 9:00 a.m. - 4:00 p.m. 9:00 **Introduction and Introductions** - Michael Goodchild 9:15 **Evolving Methods to Involve Neighborhood Context in Alcohol Availability Research** Richard Scribner, Louisiana State U., School of Public Health 10:00 **Panel / Discussion** - Workshop participants 10:30 **Break** 10:45 Defining Neighborhoods, Collecting Data, and Studying Neighborhood Effects in Los Angeles Narayan Sastry, RAND / LAFANS 11:30 **Panel / Discussion** - Workshop participants 12:00 **Lunch** (on your own) 2:00 **Putting Place and Space into Demographic Analysis** John Weeks, International Population Center, San Diego State University **Panel / Discussion** - Workshop participants 2:45 Some Closing Thought on the Workshop - Don Janelle 3:15 Awards Ceremony for Best Participant Presentations and Certificates of Completion from CSISS and ESRI 3:30 4:00 Close of conference and workshop