Annals of the Association of American Geographers

SPECIAL ISSUE: Geographies of Health
Guest Editor: Mei-Po Kwan

Volume 102 September 2012 Number 5

Introduction
891 Geographies of Health
Mei-Po Kwan

Health Inequalities
893 Ethnic Density and Maternal and Infant Health Inequalities: Bangladeshi Immigrant Women in New York City in the 1990s
Sara McLafferty, Michael Widener, Ranjana Chakrabarti, and Sue Grady

894 With Reserves: Colonial Geographies and First Nations Health
Sarah de Leeuw, Sean Maurice, Travis Holyk, Margo Greenwood, and Warner Adam

897 Smoking, Ethnic Residential Segregation, and Ethnic Diversity: A Spatio-temporal Analysis
Graham Moon, Jamie Pearce, and Ross Barnett

902 Spatial Methods to Study Local Racial Residential Segregation and Infant Health in Detroit, Michigan
Sue Grady and Joe Darden

912 Connecting the Dots Between Health, Poverty, and Place in Accra, Ghana
John R. Weeks, Arthur Getis, Douglas A. Stow, Allan G. Hill, David Rain, Ryan Engstrom, Justin Stoler, Christopher Lippitt, Marta Jankowska, Anna Carla Lopez-Carr, Lloyd Coulter, and Caetlin Ofiesh

Environmental Health
922 Geospatial Methods for Reducing Uncertainties in Environmental Health Risk Assessment: Challenges and Opportunities
Nina Siu-Ngan Lam

927 Opening Up the Black Box of the Body in Geographical Obesity Research: Toward a Critical Political Ecology of Fat
Julie Guthman

932 The Uncertain Geographic Context Problem
Mei-Po Kwan

939 Environmental Health as Biosecurity: “Seafood Choices,” Risk, and the Pregnant Woman as Threshold
Becky Mansfield

947 The Mutual Conditioning of Humans and Pathogens: Implications for Integrative Geographical Scholarship
Christopher A. Scott, Paul F. Robbins, and Andrew C. Comrie

957 Moving Neighborhoods and Health Research Forward: Using Geographic Methods to Examine the Role of Spatial Scale in Neighborhood Effects on Health
Elisabeth Dowling Root

967 Is a Green Residential Environment Better for Health? If So, Why?
Peter P. Groeneggen, Agnes E. van den Berg, Jolanda Maas, Robert A. Verheij, and Sjerp de Vries

Spatial Analysis and Modeling of Disease
986 Integration of Spatial and Social Network Analysis in Disease Transmission Studies
Michael Emch, Elisabeth D. Root, Sophia Giebultowicz, Mohammad Ali, Carolina Perez-Heydrich, and Mohammad Yunus

996 Modeling Individual Vulnerability to Communicable Diseases: A Framework and Design
Ling Bian, Yuxia Huang, Liang Mao, Eunjung Lim, Gyoungiu Lee, Yan Yang, Murray Cohen, and Deborah Wilson

998 Population Movement and Vector-Borne Disease Transmission: Differentiating Spatial–Temporal Diffusion Patterns of Commuting and Noncommuting Dengue Cases
Tzai-Hung Wen, Min-Hau Lin, and Chi-Tai Fang
Climate Change and Risk Projection: Dynamic Spatial Models of Tsetse and African Trypanosomiasis in Kenya
Joseph P. Messina, Nathan J. Moore, Mark H. DeVisser, Paul F. McCord, and Edward D. Walker

Spatial-Temporal Analysis of Cancer Risk in Epidemiologic Studies with Residential Histories
David C. Wheeler, Mary H. Ward, and Lance A. Waller

An Examination of Spatial Concentrations of Sex Exchange and Sex Exchange Norms Among Drug Users in Baltimore, Maryland
Karin Elizabeth Tobin, Laura Hester, Melissa Ann Davey-Rothwell, and Carl Asher Latkin

Five Essential Properties of Disease Maps
Kirsten M. M. Beyer, Chetan Tiwari, and Gerard Rushton

Health Care Provision, Access, and Utilization
Migrant Workers in Home Care: Routes, Responsibilities, and Respect
Kim England and Isabel Dyck

Urban Politics and Mental Health: An Agenda for Health Geographic Research
Joseph Pierce, Deborah G. Martin, Alexander W. Scherr, and Amelia Greiner

Geographic Barriers to Community-Based Psychiatric Treatment for Drug-Dependent Patients
Jeremy Mennis, Gerald J. Stahler, and David A. Baron

Measurement, Optimization, and Impact of Health Care Accessibility: A Methodological Review
Fahui Wang

Spatial Heterogeneity in Cancer Control Planning and Cancer Screening Behavior
Lee R. Mobley, Tzy-Mey Kuo, Matthew Urato, Sujha Subramanian, Lisa Watson, and Luc Anselin

Spatial Access and Local Demand for Major Cancer Care Facilities in the United States
Xun Shi, Jennifer Alford-Teaster, Tracy Onega, and Dongmei Wang

Patterns of Patient Registration with Primary Health Care in the UK National Health Service
Daniel J. Lewis and Paul A. Longley

(Un)Healthy Men, Masculinities, and the Geographies of Health
Deborah Thien and Vincent J. Del Casino Jr.

Therapeutic Imaginaries in the Caribbean: Competing Approaches to HIV/AIDS Policy in Cuba and Belize
Cynthia Pope

Producing Contaminated Citizens: Toward a Nature–Society Geography of Health and Well-Being
Farhana Sultana

“We Pray at the Church in the Day and Visit the Sangomas at Night”: Health Discourses and Traditional Medicine in Rural South Africa
Brian King

Critical Interventions in Global Health: Governmentality, Risk, and Assemblage
Tim Brown, Susan Craddock, and Alan Ingram

Spatial Epidemiology of HIV Among Injection Drug Users in Tijuana, Mexico
Kimberly C. Brouwer, Melanie L. Rusch, John R. Weeks, Remedios Lozada, Alicia Vera, Carlos Magis-Rodríguez, and Steffanie A. Strathdee

Structural Violence and Women’s Vulnerability to HIV/AIDS in India: Understanding Through a “Grief Model” Framework
Vandana Wadhwa

U.S. Migration, Translocality, and the Acceleration of the Nutrition Transition in Mexico
Fernando Riosmena, Reanne Frank, Ilana Redstone Akresh, and Rhiannon A. Kroeger

The Geography of Life and Death: Deeper, Broader, and Much More Complex
Melinda Meade