

Curriculum Vitae

Rachel S. Franklin

BACKGROUND

Quantitative population geographer with research interests in the dynamics of population change stemming from migration and fertility shifts and the economic, social, environmental, and political impacts of these changes. Experienced teacher at both the undergraduate and graduate levels, including introductory human geography, population geography, and quantitative methods for policy analysis.

EDUCATION

PhD, Geography	University of Arizona, 2004 (minor in Spatial Analysis and Remote Sensing)
MA, West European Studies	Indiana University, 1996
BA, French and Political Science	Indiana University, 1994, <i>With Distinction</i> , <i>Phi Beta Kappa</i> (minors: Italian & Spanish)
Degré d'Etudes Françaises	Université de Strasbourg, France, 1993

PROFESSIONAL EXPERIENCE

September 2010 to Present	Associate Director , Spatial Structures in the Social Sciences, Brown University Assistant Professor (Research) , Population Studies, Brown University
Fall 2009 to August 2010	Senior Lecturer , School of Public Policy, University of Maryland, College Park Faculty Associate , Maryland Population Research Center
September 2007 to August 2009	Deputy Director , Association of American Geographers, Washington, DC
August 2004 to August 2009	Adjunct Lecturer , School of Public Policy, University of Maryland, College Park
July 2002 to October 2004	Statistician Demographer , Population Division, U.S. Census Bureau, Washington, DC

TEACHING EXPERIENCE

S4 GIS Institute

Two-week training workshop for Brown University graduate students, faculty, and staff. Institute covers basic spatial analysis and GIS tools and methods and participants work on individual research projects.

Geographical Analysis of Society

A geographical approach to understanding the spatial organization of individuals, societies, and economies. Emphases of the course are on theories/concepts and applied analytical tools.

Principles and Methods of GIS

Introductory course covering the tools, techniques, and theories of Geographic Information Systems, or GIS.

Quantitative Methods in Policy Analysis

Introductory, graduate-level quantitative methods course focusing on elementary probability, use of descriptive statistics, and basic inferential statistical techniques.

Quantitative Analysis of Policy Issues

Intermediate, graduate-level quantitative methods course that emphasizes the use of multivariate regression techniques for policy evaluation and analysis.

Population Geography

Upper-division undergraduate course covering major theories, applications, and analytical tools used in migration, fertility, and mortality research.

Introduction to Human Geography

Discussion instructor for introductory human geography course for first-year university students.

PUBLICATIONS

In Press:

Franklin, Rachel S. "Benchmarking Student Diversity at Public Universities in the United States: Accounting for State Population Composition," *The Annals of Regional Science*. (DOI information: 10.1007/s00168-011-0454-4)

Franklin, Rachel S. "Demographic Dimensions: Describing Populations" in *21st Century Geography: A Reference Handbook*, Sage Publications.

Published:

Franklin, Rachel S. and Matthias Ruth. "Growing Up and Cleaning Up: The Environmental Kuznets Curve Redux," *Journal of Applied Geography*, 32, 29-39 (2012).

Ruth, Matthias, Eugenia Kalnay, Ning Zeng, Rachel S. Franklin, Jorge Rivas, and Fernando Miralles-Wilhelm. "Sustainable Prosperity and Societal Transitions: The Science of Long-term Modeling and the Need for Anticipatory Management," *Environmental Innovation and Societal Transitions (EIST)*1, 160-165 (2011).

Franklin, Rachel S. and David A. Plane. "Pandora's Box: The Potential and Peril of Migration Data from the American Community Survey," *International Regional Science Review*, 29, 231-246 (2006).

Franklin, Rachel and David A. Plane. "A Shift-Share Method for the Analysis of Regional Fertility Change: An Application to the Decline in Childbearing in Italy, 1952-1991," *Geographical Analysis*, 36, 1-20 (2004).

Waldorf, Brigitte and Rachel Franklin. "Spatial Dimensions of the Easterlin Hypothesis: Fertility Variations in Italy," *Journal of Regional Science*, 42, 549-578 (2002).

Mulligan, Gordon, Rachel Franklin, and Adrian Esparza. "Housing Prices in Tucson, Arizona," *Urban Geography*, 23, 446-470 (2002).

Schachter, Jason P., Rachel S. Franklin, and Marc J. Perry. "Migration and Geographic Mobility in Metropolitan and Nonmetropolitan America: 1995 to 2000," U.S. Census Bureau, Census 2000 Special Reports, CENSR-9, August 2003 (available as PDF download at: <http://www.census.gov/population/www/cen2000/migration.html>).

Franklin, Rachel S. "Migration of the Young, Single, and College Educated: 1995 to 2000," U.S. Census Bureau, Census 2000 Special Reports, CENSR-12, November 2003 (available as PDF download at: <http://www.census.gov/population/www/cen2000/migration.html>).

Franklin, Rachel S. "Domestic Migration Across Regions, Divisions, and States: 1995 to 2000," U.S. Census Bureau, Census 2000 Special Reports, CENSR-7, August 2003 (available as PDF download at: <http://www.census.gov/population/www/cen2000/migration.html>).

Contributor, "*Arizona-Sonora Region: Indicators of Economic Progress*," prepared by the Office of Economic Development at the University of Arizona, December 2000.

Book review of "Systems of Housing Supply and Housing Production in Europe," by Andrew Golland. *Papers in Regional Science*, 79, 343-345 (2000).

INVITED PRESENTATIONS

“Measuring Population Composition, Concentration, and Heterogeneity: The United States in the New Millennium,” Department of Geography, National University of Singapore, August 12, 2011.

“Spatial Analysis and Inequality,” BIARI Development and Inequality Institute, Brown University, June 15, 2011.

“GIS: An Overview and Applications in Demography,” 9th Annual WBCA Conference,” Brown University, April 5, 2011.

“The Geography of Student Diversity in American Higher Education: an Evaluation and Explanation,” IGU 2010 Conference on Wellbeing, Innovation and Spatial Transformation, University of Groningen, The Netherlands, July 1-4, 2010.

“Demographic Profiling: Explaining the Red and the Blue in Presidential Elections,” at Population Studies and Training Center/S4, Brown University, April 27, 2010.

“Using Migration Flows to Develop Spatial Weights Matrices: An Italian Fertility Example,” Spatial Analysis Group, Maryland Population Research Center, University of Maryland, March 31, 2006.

“Assessing the Changing Geography of Italian Regional Fertility,” Geography Department, University of Maryland, College Park, 2003-2004 Seminar Series, September 11, 2003.

“Adding Value to Demographic Research in Mauritius,” at the Mauritius Environmental Resource Management and Industrial Development (MERMAID) Workshop, Mauritius, June 2001.

PRESENTATIONS

“The Regional Dynamics of Population Change: A Story of Growth and Decline,” 22nd *Pacific Regional Science Conference Organization*, Seoul, South Korea, July, 2011.

“The Landscape of Diversity: County-Level Population Change in the United States, 2000-2010,” *Annual Meeting of the Association of American Geographers*, Seattle, WA, April, 2011.

“Sustainable Diversity: Population Change and Diversity in American Higher Education,” 50th *Annual Meeting of the Western Regional Science Association*, Monterey, CA, February-March, 2011.

“Understanding the Geography of Student Diversity in American Higher Education,” 57th *North American Meetings of the Regional Science Association International*, Denver, CO, November, 2010.

“The Geography of Geography: An Analysis of Academic Geography Employment Postings in the United States, 1990-2009,” *2010 Annual Meeting of the Association of American Geographers*, Washington, DC, April, 2010.

“Analyzing Student Diversity at Public Universities in the United States: A Regional Approach,” *49th Annual Meeting of the Western Regional Science Association*, Sedona, AZ, February, 2010.

“Using Regional and Local Population Composition to Benchmark Higher Education Diversity Goals in the United States,” *56th North American Meetings of the Regional Science Association International*, San Francisco, CA, November, 2009.

“Assessing the Presidential Vote through a Spatial Demographic Lens: The Influence of Migration and Fertility on 2000 and 2004 U.S. Election Results,” *54th North American Meetings of the Regional Science Association International*, Savannah, GA, November, 2007.

“Demographic Profiling: Red States and Blue States in Recent Elections,” *102nd Annual Meeting of the Association of American Geographers*, Chicago, IL, March 2006.

“Pandora’s Box: The Potential and Peril of Migration Data from the American Community Survey,” (with David Plane) *44th Annual Meeting of the Western Regional Science Association*, San Diego, CA, February 2005.

“Population Structure, Income Inequality, and Pollution: The Environmental Kuznets Curve Revisited,” (with Matthias Ruth) *44th Annual Meeting of the Western Regional Science Association*, San Diego, CA, February 2005.

“Using Migration Flows to Develop Spatial Weights Matrices: An Italian Fertility Example,” (with Michael Tiefelsdorf) *51st Annual Meetings of the Regional Science Association International*, Seattle, WA, November 2004.

“Assessing Coastal Population Change in the United States,” *100th Annual Meeting of the Association of American Geographers*, Philadelphia, PA, March 2004 and *Annual Meeting of the Middle Atlantic Division of the Association of American Geographers*, College Park, MD, April 2004.

“Migration of the Young, Single, and College Educated, 1995 to 2000,” *43rd Annual Meeting of the Western Regional Science Association*, Maui, HI, February 2004.

“Italian Fertility, 1864 to 1961: An Analysis of Regional Trends,” *43rd European Congress of the Regional Science Association*, Jyväskylä, Finland, August 2003.

“The Young and the Restless: Migration Behavior of the Young, Single, and Educated, 1995 to 2000,” *99th Annual Meeting of the Association of American Geographers*, New Orleans, LA, March 2003.

“Applying Shift-Share Analysis to Regional Fertility Change: The Case of Italy, 1952-1991,” (with David Plane) *42nd Annual Meeting of the Western Regional Science Association, Rio Rico, AZ, February-March 2003.*

“Using Shift-Share Analysis to Understand Fertility Variation Across Italy’s Regions,” (with David Plane) *49th North American Meetings of the Regional Science Association International, San Juan, PR, November 2002.*

“A Spatial Perspective on Italian Regional Fertility Convergence,” *98th Annual Meeting, The Association of American Geographers, Los Angeles, CA, March 2002.*

“Fertility Convergence Across Italy’s Regions, 1952-1995,” *41st Annual Meeting, Western Regional Science Association, Monterey, CA, February 2002.*

“An Assessment of Fertility Convergence Across Italy’s Regions,” *48th North American Meetings of the Regional Science Association International, Charleston, SC, November 2001.*

“The Role of Fertility Research in Population Geography,” *97th Annual Meeting, The Association of American Geographers, New York, NY, February-March 2001.*

“Spatial Dimensions of the Easterlin Hypothesis: Fertility Variations in Italy,” (with Brigitte Waldorf) *47th North American Meetings of the Regional Science Association International, Chicago, IL, November 2000.*

“Housing Prices in a Southwestern U.S. City: Evidence from Tucson, Arizona,” (with Gordon Mulligan & Adrian Esparza) *12th International Symposium of the Secretariat of the Pacific Regional Science Conference Organization of the RSAI, Tokyo, Japan, October, 2000.*

“Shrinking Populations and Below Replacement Level Fertility: The Case of Italy,” (with Brigitte Waldorf) *6th Regional Science Association International World Congress, Lugano, Switzerland, May 2000.*

“Explaining Below Replacement Level Fertility: The Case of Italy,” *96th Annual Meeting, The Association of American Geographers, Pittsburgh, PA, April 2000.*

“Predicting the Ratio of List Prices to Selling Prices in a Southwestern Housing Market,” (with Gordon Mulligan, Adrian Esparza, & Brigitte Waldorf), *46th North American Meeting, The Regional Science Association International, Montréal, Canada, November 1999.*

“Recent Citizenship and Immigration Legislation in France,” *95th Annual Meeting, The Association of American Geographers, Honolulu, HI, March 1999.*

PROFESSIONAL SERVICE

General Service:

Executive Director, Western Regional Science Association, Summer 2011-Present

Board of Directors, Population Specialty Group, Association of American Geographers, Member at Large, 2010-present.

Special Projects Committee, Moses Brown School, Fall 2010 – present. Committee solicits proposals for enrichment projects and competitively disburses funds.

Admissions Committee, School of Public Policy, The University of Maryland (2009-2010 academic year).

National Science Foundation Site Visit Team Member (January/February, 2010).

Reviews for Journals:

Population Research and Policy Review

Geographical Analysis

Papers in Regional Science

International Regional Science Review

The Annals of Regional Science

Journal of Applied Geography

Computers, Environment and Urban Systems

Growth and Change

Session Organization:

Eleven population geography sessions organized, *Annual Meeting of the Association of American Geographers*, Seattle, WA, April 12-16, 2011.

“In These Tough Economic Times (ITTET): Analyzing Recession Geography I & II,” *Annual Meeting of the Association of American Geographers*, Washington, DC, April 14-18, 2010.

“Employment in the Public Sector: Getting a Job with the Federal Government,” *Annual Meeting of the Association of American Geographers*, Las Vegas, NV, March 22-27, 2009.

“Public Sector Geographic Data: Products and Applications,” *Annual Meeting of the Association of American Geographers*, Las Vegas, NV, March 22-27, 2009.

“European Demographic Issues I & II,” *Annual Meeting of the Association of American Geographers*, Pittsburgh, PA, April 4-8, 2000 (with Brigitte Waldorf).

Conference Organization:

Chair, Program Committee, 51st Annual Meeting of the Western Regional Science Association, Kauai, HI, February, 2012.

Program Committee, 50th Annual Meeting of the Western Regional Science Association, Monterey, CA, February-March, 2011.

Co-Chair, Program Committee, *41st Annual Meeting of the Western Regional Science Association*, Monterey, CA, February 2002.

Co-Chair, Organizing Committee, *17th Pacific Conference of the Regional Science Association International*, Portland, OR, June-July 2001.

Co-Chair, Program Committee, *40th Annual Meeting of the Western Regional Science Association*, Palm Springs, CA, February 2001.

Program Committee, *39th Annual Meeting of the Western Regional Science Association*, Poipu, HI, February 2000.

WORKSHOP PARTICIPATION

IGU 2010 Conference on Wellbeing, Innovation and Spatial Transformation, University of Groningen, The Netherlands, July 1-4, 2010

Mauritius Environmental Resource Management and Industrial Development (MERMAID) Workshop, Mauritius, June 2001.

Center for Spatially Integrated Social Science (CSISS) Workshop, "Introduction to Spatial Pattern Analysis in a GIS Environment," Santa Barbara, CA, August 2000.

PROFESSIONAL ASSOCIATIONS

Association of American Geographers
Regional Science Association International
Western Regional Science Association
Population Association of America

FELLOWSHIPS AND AWARDS

Benjamin H. Stevens Graduate Fellowship in Regional Science, 2001-2002
Foreign Language Area Studies (FLAS) Fellowship in Catalan, 1994-95
AAG Population Specialty Group Student Paper Award, 2003
AAG European Specialty Group Graduate Student Paper Award, 2001
Center for Spatially Integrated Social Science (CSISS) Workshop Scholarship, 2000
University of Arizona Graduate College Fellowship, 1998-99
Lander MacClintock Award for Excellence in Italian Studies, 1994
Phi Beta Kappa, Gamma of Indiana, elected 1994

REFERENCES

David A. Plane

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