

RACHEL S. FRANKLIN

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EDUCATION

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

PROFESSIONAL EXPERIENCE

Professor of Geographical Analysis, Centre for Urban and Regional Development Studies (CURDS),
School of Geography, Politics and Sociology, Newcastle University, 2018–present
Visiting Scholar, Population Studies, Brown University, 2018–present
Associate Director, Spatial Structures in the Social Sciences (S4), Brown University, 2010–2018
Associate Professor (Research), Population Studies, Brown University, 2015–2018
Assistant Professor (Research), Population Studies, Brown University, 2010–2015
Senior Lecturer, School of Public Policy and **Faculty Associate**, Maryland Population Research Center,
University of Maryland, College Park, 2009–2010
Deputy Director, Association of American Geographers, Washington, DC, 2007–2009
Adjunct Lecturer, School of Public Policy, University of Maryland, College Park, 2004–2009
Statistician Demographer, Population Distribution Branch, Population Division, U.S. Census Bureau,
Washington, DC, 2002–2004

PUBLICATIONS

Books:

Franklin, Rachel S., editor. *Population, Place, and Spatial Interaction: Essays in Honor of David Plane*.
Springer. (forthcoming, 2019).
Franklin, Rachel S., Eveline S. van Leeuwen, and Antonio Paez, editors. *Population Loss: The Role of
Transportation and Other Issues*. Elsevier. (2018).
Ballas, Dimitris, Graham Clarke, Rachel S. Franklin, and Andy Newing. *GIS and the Social Sciences:
Theory and Applications*. London: Taylor and Francis. (2017).

Peer Reviewed Articles:

Franklin, Rachel S. and Eveline S. van Leeuwen. "For Whom the Bells Toll: Alonso and a Regional
Science of Decline," *International Regional Science Review*, 41(2), 134–151, doi:
10.1177/0160017616675917, (2018).
Bellman, Benjamin, Seth E. Spielman, and Rachel S. Franklin. "Local Population Change and Variations
in Racial Integration in the United States, 2000–2010," *International Regional Science Review*, 41(2),
233–255, doi: 10.1177/0160017616665669, (2018).

- Motesharrei, Safa, Jorge Rivas, Eugenia Kalnay, Ghassem R. Asrar, Antonio J. Busalacchi, Robert F. Cahalan, Mark A. Cane, Rita R. Colwell, Kuishuang Feng, Rachel S. Franklin, Klaus Hubacek, Fernando Miralles-Wilhelm, Takemasa Miyoshi, Matthias Ruth, Roald Sagdeev, Adel Shirmohammadi, Jagadish Shukla, Jelena Srebric, Victor M. Yakovenko, and Ning Zeng. "Modeling Sustainability: Population, Inequality, Consumption, and Bidirectional Coupling of the Earth and Human Systems," *National Science Review*, doi.org/10.1093/nsr/nww081, 3(4), 470–494 (2016).
- Franklin, Rachel S. and Alessandra Faggian. "College Student Migration in New England: Who Comes, Who Goes, and Why We Might Care," *Northeastern Geographer*, 6, 45–60 (2014).
- Faggian, Alessandra and Rachel S. Franklin. "Human Capital Redistribution in the USA: The Migration of the College-Bound," *Spatial Economic Analysis*, doi.org/10.1080/17421772.2014.961536, 9(4), 376–395 (2014).
- Kourtit, Karima, Peter Nijkamp, Rachel S. Franklin, and Andrés Rodríguez-Pose. "A Blueprint for Strategic Urban Research: The *Urban Piazza*," *Town Planning Review*, doi.org/10.3828/tpr.2014.7, 85(1), 97–126 (2014).
- Ruth, Matthias and Rachel S. Franklin. "Livability for All? Conceptual Limits and Practical Implications," *Journal of Applied Geography*, doi.org/10.1016/j.apgeog.2013.09.018, 49, 18–23 (2014).
- Franklin, Rachel S. "An Examination of the Geography of Population Composition and Change in the United States, 2000–2010: Insights from Geographical Indices and a Shift-Share Analysis," *Population, Space and Place*, doi.org/10.1002/psp.1744, 20(1), 18–36 (2014).
- Cahill, Meagan E. and Rachel S. Franklin. "The Minority Homeownership Gap, Home Foreclosure, and Nativity: Evidence from Miami-Dade County," *Journal of Regional Science*, doi.org/10.1111/jors.12014, 53: 91–117 (2013).
- Franklin, Rachel S. "The Roles of Population, Place, and Institution in Student Diversity in American Higher Education," *Growth and Change*, doi.org/10.1111/grow.12001, 44: 30–53 (2013).
- Franklin, Rachel S. and Jim Ketchum. "Working in a Landscape of Recession and Expansion: Academic 'Jobs in Geography' in the United States, 1990–2011," *The Professional Geographer*, doi.org/10.1080/00330124.2012.660455, 65: 205–220 (2013).
- Franklin, Rachel S. "Benchmarking Student Diversity at Public Universities in the United States: Accounting for State Population Composition," *The Annals of Regional Science*, doi.org/10.1007/s00168-011-0454-4, 49: 355–372 (2012).
- Franklin, Rachel S., David A. Plane, and Warren Gill. "Documenting Regional Science Exceptionalism: What's Special about WRSA?" *The Annals of Regional Science*, doi.org/10.1007/s00168-011-0477-x, 48: 391–403 (2012).
- Franklin, Rachel S. and Matthias Ruth. "Growing Up and Cleaning Up: The Environmental Kuznets Curve Redux," *Journal of Applied Geography*, doi.org/10.1016/j.apgeog.2010.10.014, 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)*, doi.org/10.1016/j.eist.2011.03.004, 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*, doi.org/10.1177/0160017606289895, 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*, doi.org/10.1111/j.1538-4632.2004.tb01120.x, 36: 1–20 (2004).
- Waldorf, Brigitte and Rachel Franklin. "Spatial Dimensions of the Easterlin Hypothesis: Fertility Variations in Italy," *Journal of Regional Science*, doi.org/10.1111/1467-9787.00272, 42: 549–578 (2002).
- Mulligan, Gordon, Rachel Franklin, and Adrian Esparza. "Housing Prices in Tucson, Arizona," *Urban Geography*, doi.org/10.2747/0272-3638.23.5.446, 23: 446–470 (2002).

Book Chapters and Other Publications:

- Franklin, Rachel S. "What We Talk About When We Talk About Depopulation," The Regional Studies Blog, April 2, 2019. <https://blog.regionalstudies.org/what-we-talk-about-when-we-talk-about-depopulation/>
- Franklin, Rachel S., Eveline van Leeuwen, and Antonio Paez. "Transportation Where People Leave: An Introduction," *Population Loss: The Role of Transportation and Other Issues*, Rachel S. Franklin, Eveline van Leeuwen, and Antonio Paez, eds., Elsevier. doi.org/10.1016/bs.atpp.2018.09.008 (2018).
- Franklin, Rachel S. "Shrinking Smart: U.S. Population Decline and Footloose Human Capital," *Demographic Transition, Labour Markets and Regional Resilience*, Cristina Martinez, Tamara Weyman, and Jouke van Dijk, eds., Springer (2017).
- Franklin, Rachel S. and David A. Plane. "The View from Over the Hill: Regional Research in a Post–Demographic Transition World," *Regional Research Frontiers: The Next 50 Years*, Randall Jackson and Peter Schaeffer, eds., Springer. doi.org/10.1007/978-3-319-50547-3_20 (2017).
- Franklin, Rachel S. "Words of congratulation from one side of the Pacific Rim to the other," *Asia-Pacific Journal of Regional Science*, doi:10.1007/s41685-017-0025-5 (2017).
- Faggian, Alessandra, Jonathan Corcoran, and Rachel S. Franklin. "Human capital migration and salaries: an examination of US college graduates," *Graduate Migration and Regional Development: An International Perspective*, Jonathan Corcoran and Alessandra Faggian, eds., Edward Elgar, doi.org/10.4337/9781784712167.00014 (2017).
- Franklin, Rachel S. "The Landscape of Population Decline in the United States: Considering the roles of the demographic components of change and geography," *Shrinking Cities: A Global Perspective*, Richardson, Harry W. and Chang Woon Nam, eds., 74–85, Routledge (2014).
- Franklin, Rachel S. "Population Geography," *Oxford Bibliographies in Geography*. (2013) Available at: <http://www.oxfordbibliographies.com/obo/page/geography#4>.
- Franklin, Rachel S. "Demographic Dimensions: Describing Populations" in *21st Century Geography: A Reference Handbook*, Sage Publications (2012).
- 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 Reviews:

Franklin, Rachel S. Book review of “Running the Numbers: A Practical Guide to Regional Economic and Social Analysis,” by John Quintero. M.E. Sharpe, 2014, *Journal of Planning Education and Research* (JPER) (2016).

Franklin, Rachel S. Book review of “Systems of Housing Supply and Housing Production in Europe,” by Andrew Golland. *Papers in Regional Science*, 79, 343–345 (2000).

FUNDED PROJECTS AND FELLOWSHIPS

“Centre for Doctoral Training in Geospatial Systems,” Engineering and Physical Sciences Research Council (EPSRC), April 1, 2019–September 30, 2027 (Co-I; £6,718,389)

“Smart Cities and Inequality,” Alan Turing Institute, October 1, 2018–September 30, 2021 (PI; £268,023)

“A Blueprint for Urban Analytics Research Workshop,” Alan Turing Institute, April 11–12, 2019 (PI/Organizer; £6,020)

“The Spatial Demography of Population Loss in the United States,” Geography and Spatial Sciences (GSS) Program, National Science Foundation (NSF), July 1, 2016–June 30, 2019 (PI; \$243,848)

“The Spatial and Demographic Context and Implications of Uneven Population Change,” Eunice Kennedy Shriver National Institute of Child Health & Human Development, National Institutes of Health (NIH), March 14, 2016–February 28, 2019 (PI; \$152,503)

“The Geography and Policy of Depopulation in the Developed World: A Pilot Study on Germany and the United States,” Richard B. Salomon Faculty Research Award, Brown University, 2012 (PI; \$15,000)

Benjamin H. Stevens Graduate Fellowship in Regional Science, 2001–2002 (\$16,800)

Center for Spatially Integrated Social Science (CSISS) Workshop Scholarship, 2000

University of Arizona Graduate College Fellowship, 1998–99

Foreign Language Area Studies (FLAS) Fellowship in Catalan, 1994–1995 (tuition + \$8,000)

AWARDS

Fellow, Alan Turing Institute, October 2018–Present

David E. Boyce Award for Distinguished Service to the Field of Regional Science, 2015

AAG Population Specialty Group Student Paper Award, 2003

AAG European Specialty Group Graduate Student Paper Award, 2001

Lander MacClintock Award for Excellence in Italian Studies, 1994

Phi Beta Kappa, Gamma of Indiana, elected 1994

TEACHING

Spatial Structures in the Social Sciences (S4), Brown University

S4 GIS Institute

Department of Sociology, Brown University

Geographical Analysis of Society (SOC 1871W)

GIS and Spatial Analysis for the Social Sciences (SOC 2612)

Principles and Methods of GIS (SOC 1340)

Applications in GIS (SOC 2961B)

School of Public Policy, University of Maryland

Quantitative Methods in Policy Analysis (PUAF 610)

Quantitative Analysis of Policy Issues (PUAF 611)

Department of Geography and Regional Development, University of Arizona

Population Geography (GEOG 367)

Introduction to Human Geography (discussion section instructor) (INDV 102)

Gran Sasso Science Institute (GSSI), L'Aquila, Italy

GIS Short Course, March 26–29, 2018

RSAI-GSSI Summer School of Advanced Economic Geography, July 2–8, 2017

30th ERSa Summer School: GIS and Regional Science: Theory and Applications, University of the Aegean, Lesbos Island, Greece, July 9–15, 2017

INVITED PRESENTATIONS AND KEYNOTE ADDRESSES

“Population Loss in a U.S. Context: Where, Who, How?” University of Bristol, School of Geographical Sciences, March 25, 2019.

“Social Justice, Inequality, and Technology: Something Old, Something New, Something Borrowed, Something True,” Not Equal Launch Symposium, London, January 29, 2019.

“The Spatial Demography of Population Loss: Insights from the United States,” JDS International Seminar, University of Tsukuba, Japan, January 24, 2019.

“What Kind of Loss for What Kind of Place?: A Typology of Demographic Decline for U.S. Counties,” Department of Geography and Planning, University of Liverpool, 11 December 2018.

“The Geography of Population Loss: A Typology of Decline for U.S. Counties,” Newcastle University Geomatics and Water Resources Seminar, Newcastle University, 10 December 2018.

“Growth and Decline: Capturing the Spatial Dimensions of Decline,” Urban-Rural Synergies Seminar, University of Wageningen, The Netherlands, September 14, 2018.

“Capturing the Spatial Dimensions of Decline: Metrics for Characterizing Population Loss,” Department of Geography, University of California, Santa Barbara, March 12, 2018.

“Landscapes of Loss: Depopulation and the Roles of Scale, Context, and Measurement,” School of Geography and Earth Sciences, McMaster University, Canada, March 7, 2018.

“The Geography of Population Loss in the U.S.: New Insights from a Typology of Decline,” School for Environment and Sustainability, University of Michigan, November 29, 2017.

“Regions and Populations: Demographic Change and Resilience,” presented in The Regional Dimension of Inequality: Territorial Responses in a Rapidly Changing Economic Environment, European Week of Regions and Cities 2017, October 10, 2017, Brussels, Belgium.

“Going with the Flow? Spatial Focusing and the State-to-State Migration Behavior of College-Bound Students in the United States,” Jönköping International Business School, Jönköping University, Sweden, September 28, 2017.

“Disparities in Decline: The Spatial and Demographic Burden of Population Loss in U.S. Cities,” ERSa Policy Day: Growing Inequalities and Their Regional Implications, 57th *European Congress of the Regional Science Association International*, Groningen, The Netherlands, August 31, 2017.

“Loss and Space: Scale, Measurement, and the Implications of Unequal Population Change,” Keynote Address, 40th Annual Conference of the Australia New Zealand Regional Science Association International (ANZRSaI), Melbourne, Australia, December 5, 2016.

- “Covering the Losses: Quantifying the Burden of Decline in Shrinking U.S. Cities,” Department of Geography, University of Connecticut, October 28, 2016.
- “Impacts of Uneven Population Change in the United States and the Demographic Burden of Decline,” Population Geography and the Future of Urbanization in China, Symposium for Commemorating the 80th Anniversary of the Discovery of Hu Huanyong Line, East China Normal University, Shanghai, China, November 6–8, 2015.
- “Space for Digital Scholarship,” Association of Research Libraries Fall Forum, Washington, D.C., October 8, 2015.
- “The Demographic Burden of Population Decline in U.S. Cities,” Regional Research Institute, West Virginia University, Morgantown, September 24, 2015.
- “GIS and Spatial Analysis for Population and Development Research,” BIARI Population and Development, Brown University, June 2015; June 2014; June 2013; June 2012.
- “Finding the True Migration Magnets: Decomposing the Sources of Human Capital Stock Increases in U.S. Metropolitan Areas,” Department of Geography and Planning, University of Toledo, April 17, 2015.
- “GIS and Unique Solutions,” BIARI Connections and Flows, Brown University, June 2014.
- “Migration Data and the ACS,” presented in COPS *Workshop on the American Community Survey*, Population Association of America (PAA) 2014 Annual Meeting, May 1–3, 2014.
- “College Student Migration in Southern New England: Who Comes, Who Goes, and Why We Might Care,” presented in special session, *Who Do We Plan For – The Demographics of Southern New England*, Southern New England American Planning Association (SNEAPA) Conference, Worcester, Massachusetts, October 17, 2013.
- “Shrinking Cities and the Migration of the College Educated,” Beijing Forum 2013, Beijing, China, October 31–November 3, 2013.
- “Urban Core Versus Hinterland: Some Thoughts on the Spatial Context of Population Change,” Workshop on the Future of the ‘*New Urban World*’: Economic, Social and Spatial Transformation of Cities, Naples, Italy, May 2–3, 2013.
- “A Geography of Contrasts: Postwar Population Change in the United States,” Showcasing the Digital Scholarship Lab Speaker Series, Brown University, April 4, 2013.
- “Urban Decline in a Wider Context of Growth: On the Nature of Declining Places,” Beijing Forum 2012, Beijing, China, November 1–4, 2012.
- “Reading Demographic Tea Leaves: Population Change and Urban Futures,” Workshop on Future Challenges of the New Urban World: What Model of Development for the Moroccan City? Institut Royal des Etudes Stratégiques (IRES), Rabat, Morocco, October 1–2, 2012.
- “Livability for All? A Meditation on First Principles and the Potential Importance of Life Course Considerations,” The New Urban World Session, 52nd European Congress of the Regional Science Association International (RSAI), Bratislava, Slovakia, August 21–25, 2012.
- “Geographical Data in the Social Sciences,” Brown University, Digital Society Initiative Day of Data, May 18, 2012.
- “The Geography of Human Capital Potential: Exploring the Dynamics of College Student Migration in the United States,” Department of Geography, University of Connecticut, March 30, 2012.
- “Homeownership, Home Foreclosure, and Nativity: Evidence from Miami-Dade County, Florida,” Workshop on Immigration, Federal Reserve Bank of Chicago, Illinois, November, 2011.

- “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.
- “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.

CONFERENCE PRESENTATIONS

- “The Demographic Dividends of Decline: Population Loss and Inequality in U.S. Counties, 1990–2010,” (co-authored with Eric Seymour) *Annual Meeting of the Association of American Geographers*, Washington, DC, April 3–7, 2019.
- “The Socio-Economic and Demographic Impacts of Population Loss in the United States in Recent Decades,” (co-authored with Eric Seymour) *65th Annual North American Meetings of the Regional Science Association International*, San Antonio, Texas, November 7–10, 2018.
- “Wrestling Small to the Ground: Spatial Analytics for Urban Population Loss,” (co-authored with Eric Seymour), *58th European Congress of the Regional Science Association International*, Cork, Ireland, August 28–31, 2018.
- “The Landscape of Loss: Connecting County-Level Depopulation and the Demographic Components of Change,” (co-authored with Eric Seymour and William Violette) *Annual Meeting of the Association of American Geographers*, New Orleans, Louisiana, April 10–14, 2018.
- “The Dimensions of Decline: Measuring Urban Population Loss,” (co-authored with Eric Seymour) *2018 Annual Meeting of the Population Association of America*, Denver, Colorado, April 26–28, 2018.
- “Spatial Metrics for Urban Population Loss,” (co-authored with Eric Seymour) *57th Annual Meeting of the Western Regional Science Association*, Pasadena, California, February 11–14, 2018.
- “A Typology of Population Change for U.S. Counties,” (co-authored with Eric Seymour and William Violette) *64th Annual North American Meetings of the Regional Science Association International*, Vancouver, Canada, November 8–11, 2017.
- “The Geography of Population Loss in the U.S.: New Insights from a Typology of Decline,” (co-authored with Douglas Hopping) *57th European Congress of the Regional Science Association International*, Groningen, The Netherlands, August 29–1 September, 2017.
- “Spatial Focusing and the State-to-State Migration Behavior of College-Bound Students in the United States,” (co-authored with Alessandra Faggian, Steven Farber, and Jeff Allen) *9th International Conference on Population Geographies*, Seattle, Washington, June 29–July 1, 2017.
- “Fifty (or so) Ways to Lose Your Population: Comparing Typologies of Decline for U.S. Counties,” *25th Pacific Conference of the Regional Science Association International*, Tainan, Taiwan, May 17–20, 2017.

- “Placing People: Examining the Role of Demographic Factors in Urban Development and Change,” (co-authored with Sharmistha Bagchi-Sen) *Annual Meeting of the American Association of Geographers*, Boston, MA, April 5–9, 2017.
- “The View from Over the Hill: Regional Research in a Post-Demographic Transition World,” (co-authored with David A. Plane) *63rd Annual North American Meetings of the Regional Science Association International*, Minneapolis, Minnesota, November 9–12, 2016.
- “Measuring the Spatial and Demographic Burden of Decline in Shrinking U.S. Cities,” *63rd Annual North American Meetings of the Regional Science Association International*, Minneapolis, Minnesota, November 9–12, 2016.
- “Concentrated Decline: Patterns of Population Loss in Shrinking U.S. Cities,” *Annual Meeting of the American Association of Geographers*, San Francisco, CA, March 29–April 2, 2016 and *56th European Congress of the Regional Science Association International*, Vienna, Austria, August 23–26, 2016.
- “Going With the Flow: The State-to-State Migration Behavior of College-Bound Students in the United States,” (co-authored with Alessandra Faggian) *62nd Annual North American Meetings of the Regional Science Association International*, Portland, Oregon, November 11–14, 2015.
- “Sources of Human Capital Stock Increases: A Shift-Share Decomposition Approach,” *55th European Congress of the Regional Science Association International*, Lisbon, Portugal, August 25–29, 2015.
- “Covering the Losses: Measuring Exposure to Population Decline in U.S. Cities, 2000–2010,” *44th Annual Conference of the RSAI British and Irish Section*, University College Dublin, Ireland, August 16–18, 2015.
- “Decomposing the Demographic Sources of Human Capital Stock Increases in U.S. Metropolitan Areas, 2000–2010,” *8th International Conference on Population Geographies*, Brisbane, Australia, June 20–July 3, 2015.
- “The Demographic Burden of Population Decline in U.S. Cities, 2000–2010,” *2015 Annual Meeting of the Population Association of America*, San Diego, CA, April 30–May 2, 2015.
- “Would the Real Migration Magnet Please Stand Up: Decomposing the Sources of Human Capital Stock Increases,” *Annual Meeting of the Association of American Geographers*, Chicago, IL, April 21–25, 2015.
- “College Student Migration in New England: Who Comes, Who Goes, and Why We Might Care,” (co-authored with Alessandra Faggian) *54th Annual Meeting of the Western Regional Science Association*, Tucson, AZ, February, 2015.
- “For Whom the Bells Toll: Alonso and the Regional Science of Population Decline,” (co-authored with Eveline van Leeuwen) *61st Annual North American Meetings of the Regional Science Association International*, Bethesda, MD, November, 2014.
- “Population Decline and the Five Bells of Alonso,” (co-authored with Eveline van Leeuwen) *54th European Congress of the Regional Science Association International*, St. Petersburg, Russia, August, 2014.
- “Shrinking Smart: Population Decline and Footloose Human Capital,” *Annual Meeting of the Association of American Geographers*, Tampa, FL, April 8–12, 2014.
- “The Centrifugal Force of Decline: Shrinking Cities and the Migration of the College Educated,” *60th Annual North American Meetings of the Regional Science Association International*, Atlanta, GA, November, 2013 and *53rd European Congress of the Regional Science Association International*, Palermo, Italy, August, 2013.
- “Shrinking Cities and the Migration of the College Educated,” *42nd Annual Conference of the RSAI British and Irish Section*, Sidney Sussex College, University of Cambridge, England, August, 2013.

- “Assessing the Landscape of Population Decline and Growth in the United States: The Roles of the Demographic Components of Change and Geography,” *7th International Conference on Population Geographies*, Groningen, the Netherlands, June, 2013.
- “College Student Migration in the United States: Going with the Flow?” (co-authored with Alessandra Faggian) *Annual Meeting of the Association of American Geographers*, Los Angeles, CA, April, 2013 and *7th International Conference on Population Geographies*, Groningen, the Netherlands, June, 2013.
- “Human Capital Interstate Migration in the USA: Evidence from the Integrated Postsecondary Education Data System,” (co-authored with Alessandra Faggian) *52nd Annual Meeting of the Western Regional Science Association*, Santa Barbara, CA, February, 2013.
- “College Student Migration in the United States, 2000–2009: Implications for Regional Human Capital Distribution,” (co-authored with Alessandra Faggian) *59th Annual North American Meetings of the Regional Science Association International*, Ottawa, Canada, November, 2012.
- “On the Nature of Shrinking Places: Developing Model Spatial Schedules of Population Decline,” *59th Annual North American Meetings of the Regional Science Association International*, Ottawa, Canada, November, 2012.
- “College Student Migration in the United States: Implications for Regional Human Capital Distribution,” (co-authored with Alessandra Faggian) *52nd European Congress of the Regional Science Association International (RSAI)*, Bratislava, Slovakia, August, 2012.
- “Exploring the Dynamics of College Student Migration in the United States,” Population Science Research Day, Population Studies and Training Center, Brown University, May 2012.
- “Academic Jobs in Geography in the United States: Temporal Trends, Geographic Patterns, and the State of the Discipline, 1990–2012,” *Annual Meeting of the Association of American Geographers*, New York, NY, February, 2012.
- “Applying the Shift-Share Analysis Technique to State-Level Population Change in the United States, 2000–2010,” *58th North American Meetings of the Regional Science Association International*, Miami, FL, November 2011.
- “Homeownership, the Housing Cost Burden, Home Foreclosure, and Nativity: Evidence from Miami-Dade County, Florida,” (co-authored with Meagan Cahill) *58th North American Meetings of the Regional Science Association International*, Miami, FL, November 2011.
- “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, Feb.-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.

SERVICE

Departmental and University Service:

Brown University

- Co-Organizer, S4 Speaker Series, Fall 2013–Spring 2018
- First Year Student Advisor, Fall 2013–Spring 2018
- Second Year Student Advisor, Fall 2014–Spring 2018
- First Readings Seminar Leader, Fall 2011, Fall 2012
- Master of Public Health, Thesis Committee:
 - Edwina Williams, May 2013 (advisor); Niradesh Tuladhar, May 2015 (reader)
- Undergraduate Thesis, Advisor: Mika Matsuno, Sociology (2018)
- Undergraduate Thesis, Second Reader:
 - Valeria Fantozzi, Development Studies (2014); Ashlyn Koga, Sociology (2014); Jane Furey, Sociology (2014); Hannah Pullen-Blasnik, Sociology (2016); Margaret Livingstone, Urban Studies (2016)
- Member, Scholarly Oversight Committee, Medical School, Natalie Kissoon, 2013–2015

School of Public Policy, University of Maryland

- Admissions Committee, 2009–2010 academic year

Disciplinary Service:

- President, Pacific Regional Science Conference (PRSCO), 2018–2020
- Population Specialty Group, American Association of Geographers
 - Immediate Past President, 2017–present
 - President, 2015–2017
 - Vice President, 2013–2015
 - Member-at-Large, 2010–2013
- Executive Director, Western Regional Science Association, 2011–2018
- Council Member, North American Regional Science Council (NARSC), 2011–2018
- Councilor-at-Large, Regional Science Association International, 2012–2014
- Local Arrangements Committee, American Association of Geographers
 - 2017 Annual Meeting, Boston, MA; 2012 Annual Meeting, New York, NY
- Student Paper Prize Reading Committee, North American Regional Science Council (NARSC), 2011

Editorial Service:

Editor, *Geographical Analysis*, July 2017–present

Book Review Editor, *Journal of Regional Science*, January 2013–December 2016

Co-Editor (with Eveline van Leeuwen), Special Issue “Alonso’s Five Bells: Insights for Spatial Inequality and Population Decline,” *International Regional Science Review*, 41(2), 2018.

Co-Editor (with Jacques Poot), Special Issue “Spatial Demography in Regional Science,” *Journal of Geographical Systems*, forthcoming.

Editorial Boards:

Journal of Geographical Systems, 2019–present

The Annals of Regional Science, 2018–present

Population, Space and Place, 2017–present

Raumforschung und Raumordnung | *Spatial Research and Planning*, 2017–present

Urban Climate, 2012–present

Advisory Board, *Asia-Pacific Journal of Regional Science*, 2016–present

Journal Manuscript Review: *Ambio*; *Annals of the Association of American Geographers*; *The Annals of Regional Science*; *Asian Journal of Regional Science*; *Cities*; *Computers, Environment and Urban Systems*; *Demographic Research*; *Demography*; *Environmental Politics*; *Environment and Planning A*; *Geographical Analysis*; *Growth and Change*; *International Journal of Sustainable Transportation*; *International Migration Review*; *International Regional Science Review*; *Journal of Applied Geography*; *Journal of Housing and the Built Environment*; *Journal of Regional Science*; *Journal of Urban Design*; *Journal of Urban Economics*; *Northeastern Geographer*; *Papers in Regional Science*; *Population Research and Policy Review*; *Population, Space and Place*; *Proceedings of the National Academy of Sciences (PNAS)*; *The Review of Regional Studies*; *Sociological Methods and Research*; *Social and Cultural Geography*; *Social Geography*; *Social Problems*; *Spatial Economic Analysis*; *Sustainability*; *Tijdschrift voor Economische en Sociale Geografie*; *Urban Affairs Review*; *Urban Climate*; *Urban Geography*; *Urban Studies*

Book Manuscript Review: Palgrave Macmillan, Springer

Funding Agency Panel Service:

U.S. National Science Foundation, Geography and Spatial Sciences (GSS)

U.S. National Science Foundation, Methodology, Measurement, and Statistics (MMS)

Reviews for Funding Agencies:

UK Research and Innovation, Medical Research Council

U.S. National Science Foundation

European Research Council

Vrije Universiteit Brussel (VUB)

The Hong Kong Institute of Education (HKIED)

Reviews for Promotion and Tenure:

Pennsylvania State University

University of California, Los Angeles

Liverpool University

University of Leeds

Session Organization:

- “Migration and Demography,” (Three sessions) *65th Annual North American Meetings of the Regional Science Association International*, San Antonio, TX, November 7–10, 2018 (organized with Mark Brown and Bruce Newbold).
- “A Globe-Shaped Crystal Ball: The Next Fifty Years of Geographical Analysis,” (Three sessions) *Annual Meeting of the Association of American Geographers*, New Orleans, LA, April 10–14, 2018.
- “Spatial Demography in Regional Science,” *57th Congress of the European Regional Science Association*, Groningen, The Netherlands, August 29–September 1, 2017 (organized with Jacques Poot).
- “Aspects of Population Decline I and II,” *61st Annual North American Meetings of the Regional Science Association International*, Bethesda, MD, November 12–15, 2014 (organized with Eveline van Leeuwen).
- “Economic, Demographic, and Geographic Aspects of Population Decline,” *54th Congress of the European Regional Science Association*, St. Petersburg, Russia, August 26–29, 2014 (organized with Eveline van Leeuwen).
- “Population Specialty Group: Lifetime Achievement Award for David A. Plane,” *Annual Meeting of the Association of American Geographers*, Tampa, Florida, April 8–12, 2014.
- “Regional Development,” Sessions I–X, *60th Annual North American Meetings of the Regional Science Association International*, Atlanta, Georgia, November 13–16, 2013 (organized with Alessandra Faggian and Elizabeth Mack).
- “Internal Migration of Graduates and Regional Labour Markets,” *7th International Conference on Population Geographies*, Groningen, the Netherlands, June 25–28, 2013 (organized with Sierdjan Koster and Viktor Venhorst).
- “Life Course Influence on Urban Demographics,” *Annual Meeting of the Association of American Geographers*, Los Angeles, CA, April 9–13, 2013.
- “The State of the Discipline: The Geography of Geography,” *Annual Meeting of the Association of American Geographers*, New York, NY, February 24–28, 2012.
- 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:

Organizer, “A Blueprint for Urban Analytics,” Workshop, Newcastle University, April 11–12, 2019

Conference Committee, *GISRUK 2019*, Newcastle University, April 23–26, 2019

Program Chair:

62nd Annual North American Meetings of the Regional Science Association International (RSAI), Portland, OR, November 11–14, 2015

61st Annual North American Meetings of the Regional Science Association International (RSAI), Washington, D.C., November 12–15, 2014

Chair, Program Committee:

57th Annual Meeting of the Western Regional Science Association, Pasadena, CA, Feb., 2018
56th Annual Meeting of the Western Regional Science Association, Santa Fe, NM, Feb., 2017
55th Annual Meeting of the Western Regional Science Association, Big Island, HI, Feb., 2016
54th Annual Meeting of the Western Regional Science Association, Tucson, AZ, Feb., 2015
53rd Annual Meeting of the Western Regional Science Association, San Diego, CA, Feb., 2014
52nd Annual Meeting of the Western Regional Science Association, Santa Barbara, CA, Feb., 2013
51st Annual Meeting of the Western Regional Science Association, Kauai, HI, February, 2012

Co-Chair, Program Committee:

41st Annual Meeting of the Western Regional Science Association, Monterey, CA, February, 2002
40th Annual Meeting of the Western Regional Science Association, Palm Springs, CA, Feb., 2001

Co-Chair, Organizing Committee:

17th Pacific Conference of the Regional Science Association International, Portland, OR, June–July, 2001

Program Committee:

50th Annual Meeting of the Western Regional Science Association, Monterey, CA, Feb.–March, 2011
39th Annual Meeting of the Western Regional Science Association, Poipu, HI, Feb., 2000

PROFESSIONAL ASSOCIATIONS

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