

# Stefan Rayer

---

Research Demographer  
Bureau of Economic and Business Research  
221 Matherly Hall  
University of Florida  
Gainesville, FL 32611  
352.392.0171 x334  
stefanr@bebr.ufl.edu

## Education

---

- 2001 Doctor of Philosophy, Development Sociology, Cornell University  
Concentration in Population and Development, Regional Science, and Research Methods  
Dissertation: "Units of Analysis Matter: A Study of Spatial Structural Change in Large Metropolitan Areas of the Northeastern United States."
- 1997 Master of Science, Development Sociology, Cornell University  
Master's Thesis: "The Structural Dimension of Net Migration and Migration Efficiency in the Mid-Atlantic Region, 1985–90."
- 1994 Bachelor of Arts with High Honours, Sociology, University of Saskatchewan

## Work, Research, and Teaching Experience

---

- 2003–present Research Demographer, BEBR, University of Florida
- 2001–2003 Demographic Statistician, MISER, University of Massachusetts
- 1997–2001 Research Assistant, Cornell University (Working with Professor David L. Brown)
- 1995–1996 Teaching Assistant, Cornell University (Introductory Sociology, Research Methods)

## Publications (Refereed)

---

- 2011 "Evaluating Population Forecast Accuracy: A Regression Approach Using County Data," by Jeff Tayman, Stanley K. Smith, and Stefan Rayer, *Population Research and Policy Review* 30: 235–262.
- 2010 "Factors Affecting the Accuracy of Subcounty Population Forecasts," by Stefan Rayer and Stanley K. Smith, *Journal of Planning Education and Research* 30 (2): 147–161.
- 2009 "Empirical Prediction Intervals for County Population Forecasts," by Stefan Rayer, Stanley K. Smith, and Jeff Tayman, *Population Research and Policy Review* 28: 773–793.
- 2008 "Aging and Disability: Implications for the Housing Industry and Housing Policy in the United States," by Stanley K. Smith, Stefan Rayer, and Eleanor A. Smith, *Journal of the American Planning Association* 74 (3): 289–306.
- 2008 "Population Forecast Errors: A Primer for Planners," by Stefan Rayer, *Journal of Planning Education and Research* 27 (4): 417–430.
- 2007 "Population Forecast Accuracy: Does the Choice of Summary Measure of Error Matter," by Stefan Rayer, *Population Research and Policy Review* 26 (2): 163–184.
- 2001 "Geographic Diversity of Inter-County Migration in the United States, 1980–95," by Stefan Rayer and David L. Brown, *Population Research and Policy Review* 20 (3): 229–252.
- 1999 "The Volume and Composition of Internal Migration to and from New York," by David L. Brown and Stefan Rayer. In *New York in the 21<sup>st</sup> Century*, edited by Thomas A. Hirschl and Tim B. Heaton. New York: Greenwood.

## Stefan Rayer, Page 2

---

### Publications (Technical Reports)

---

- 2011 "Projections of Florida Population by County, 2010–2040," by Stanley K. Smith and Stefan Rayer, *Florida Population Studies*, Volume 44, Bulletin 159.
- 2010 "Population Projections by Age, Sex, Race, and Hispanic Origin for Florida and Its Counties, 2009–2030," by Stanley K. Smith and Stefan Rayer, *Florida Population Studies*, Volume 43, Bulletin 157.
- 2010 "Projections of Florida Population by County, 2009–2035," by Stanley K. Smith and Stefan Rayer, *Florida Population Studies*, Volume 43, Bulletin 156.
- 2009 "Population Projections by Age, Sex, Race, and Hispanic Origin for Florida and Its Counties, 2008–2030," by Stanley K. Smith and Stefan Rayer, *Florida Population Studies*, Volume 42, Bulletin 154.
- 2009 "Projections of Florida Population by County, 2008–2035," by Stanley K. Smith and Stefan Rayer, *Florida Population Studies*, Volume 42, Bulletin 153.
- 2008 "Population Projections by Age, Sex, Race, and Hispanic Origin for Florida and Its Counties, 2007–2030," by Stanley K. Smith and Stefan Rayer, *Florida Population Studies*, Volume 41, Bulletin 151.
- 2008 "Projections of Florida Population by County, 2007–2035," by Stanley K. Smith and Stefan Rayer, *Florida Population Studies*, Volume 41, Bulletin 150.
- 2007 "Population Projections by Age, Sex, Race, and Hispanic Origin for Florida and Its Counties, 2006–2030," by Stanley K. Smith and Stefan Rayer, *Florida Population Studies*, Volume 40, Bulletin 148.
- 2007 "Projections of Florida Population by County, 2006–2030," by Stanley K. Smith and Stefan Rayer, *Florida Population Studies*, Volume 40, Bulletin 147.
- 2006 "Population Projections by Age, Sex, Race, and Hispanic Origin for Florida and Its Counties, 2005–2030," by Stanley K. Smith and Stefan Rayer, *Florida Population Studies*, Volume 39, Number 3, Bulletin 145.
- 2006 "Projections of Florida Population by County, 2005–2030," by Stanley K. Smith and Stefan Rayer, *Florida Population Studies*, Volume 39, Bulletin 144.
- 2005 "Population Projections by Age, Sex, Race, and Hispanic Origin for Florida and Its Counties, 2004–2030," by Stanley K. Smith and Stefan Rayer, *Florida Population Studies*, Volume 38, Number 3, Bulletin 142.
- 2005 "Projections of Florida Population by County, 2004–2030," by Stanley K. Smith and Stefan Rayer, *Florida Population Studies*, Volume 38, Number 2, Bulletin 141.
- 2004 "Population Projections by Age, Sex, Race, and Hispanic Origin for Florida and Its Counties, 2003–2030," by Stanley K. Smith and Stefan Rayer, *Florida Population Studies*, Volume 37, Number 3, Bulletin 139.
- 2004 "Projections of Florida Population by County, 2003–2030," by Stanley K. Smith and Stefan Rayer, *Florida Population Studies*, Volume 37, Number 2, Bulletin 138.
- 2003 "MISER Population Projections for Massachusetts, 2000–2020," by Stefan Rayer, *Internet Release*, <http://www.umass.edu/miser/population/miserproj.html>.
- 2002 "MISER 1999 Subcounty Population Estimates by Age, Sex, and Race," by Stefan Rayer, *Internet Release*, <http://www.umass.edu/miser/population/index.html>.
- 1998 "Ecological and Social Structural Determinants of Intercounty Migration in the United States: 1980–95," by Stefan Rayer and David L. Brown. Working Paper Series, Population and Development Program, Cornell University, 98–02.

## Stefan Rayer, Page 3

---

### Publications (Conference Proceedings)

---

- 2011 "Evaluating Population Forecast Accuracy: A Regression Approach Using County Data," by Jeff Tayman, Stanley K. Smith, and Stefan Rayer, *Proceedings of the 2010 Applied Demography Conference* (forthcoming).

### Professional Presentations

---

- 2009 "Aging, Disability, and Housing: Implications for States." Southern Demographic Association, October 22–24, Galveston, TX.
- 2009 "Subcounty Population Forecast Accuracy: An Analysis Beyond Size and Growth." Population Association of America, April 30–May 2, Detroit, MI.
- 2008 "An Evaluation of Subcounty Population Forecasts in Florida." Southern Demographic Association, October 30–November 1, Greenville, SC.
- 2007 "Aging and Disability: Implications for the U.S. Housing Industry." Southern Demographic Association, October 11–13, Birmingham, AL.
- 2007 "Empirical Prediction Intervals for County Population Forecasts." Population Association of America, March 29–31, New York, NY.
- 2006 "Modeling Complexity: Does Forecast Sophistication Pay?" Southern Demographic Association, November 2–4, Durham, NC.
- 2006 "From Swamps to Shopping Malls: A Century of Demographic Change in Florida." Winter Institute in Arts Management, March 3, Palm Beach Gardens, FL.
- 2005 "Small Area Population Projections in Practice: Challenges and Opportunities." Southern Demographic Association, November 3–5, Oxford, MS.
- 2005 "Stability Over Time in the Distribution of County Population Forecast Errors." Southern Demographic Association, November 3–5, Oxford, MS.
- 2005 "Evaluating County Population Projections Using a Century of Census Data." Population Association of America, March 31–April 2, Philadelphia, PA.
- 2004 "Assessing the Accuracy of Trend Extrapolation Methods for Population Projections: The Long View." Southern Demographic Association, October 14–16, Hilton Head Island, SC.
- 2004 "Developing Projection Assumptions in a Cohort-Component Framework." Federal-State Cooperative for Population Projections, March 29–31, Boston, MA.
- 2003 "MISER Subcounty Population Estimates for Massachusetts." Federal-State Cooperative Program for Population Estimates, April 28–29, Minneapolis, MN.
- 2002 "Intra-Metropolitan Linkages in a Polycentric Metropolis." Population Association of America, May 9–11, Atlanta, GA.
- 2002 "Bridging Race: Comparing Census 2000 Race Data to those of Earlier Censuses. The Case Of Massachusetts." The Association of American Geographers, March 19–23, Los Angeles, CA.
- 2001 "Changing Settlement Patterns: An Investigation of Population Change in Boston and New York, 1980 to 2000." Rural Sociological Society, August 15–19, Albuquerque, NM.
- 2000 "The Central City-Suburb Link: An Analysis of Population, Income, and Employment Change in the Boston, New York, and Philadelphia CMSAs." Rural Sociological Society, August 13–17, Washington, DC.
- 2000 "The Evolving Metropolis – Analyzing Changes in Metropolitan Morphology for the Boston, New York, and Philadelphia CMSAs, 1980–98." The Association of American Geographers, April 4–8, Pittsburgh, PA.

## Stefan Rayer, Page 4

---

### Professional Presentations (continued)

---

- 2000 "Recent Trends in the Distribution of Population and Employment within Large Metropolitan Areas in the Northeastern United States." Population Association of America, March 23–25, Los Angeles, CA.
- 1999 "Recent Patterns of Population Redistribution in the Boston, New York, and Philadelphia CMSAs." Regional Science Association International, November 11–14, Montréal, QC.
- 1998 "Economic, Demographic, and Geographic Complexity of County to County Migration in the United States, 1980–95." Regional Science Association International, November 11–14, Santa Fe, NM.
- 1998 "Ecological and Social Structural Determinants of Intercounty Migration in the United States, 1980–95." World Congress of Sociology, July 26–August 1, Montréal, QC.
- 1997 "The Structural Dimension of Net Migration and Migration Efficiency in the Mid-Atlantic Region, 1985–90." Rural Sociological Society, August 13–17, Toronto, ON.

### Professional Service

---

- 2005 Chair, Steering Committee, Federal-State Cooperative Program for Population Projections.
- 2004 Vice-Chair, Steering Committee, Federal-State Cooperative Program for Population Projections.
- 2000 "The Volume and Composition of Internal Migration to and from New York." Legislative Briefing to New York State Assembly, March 2, Albany, NY.
- 1999 Session Chair, "Visual and Geographic Methodological Approaches," Rural Sociological Society, August 4–8, Chicago, IL.
- 1998 Session Chair, "Metropolitan Investments and Policy," Regional Science Association International, November 11–14, Santa Fe, NM.

Reviewer: *Australasian Journal of Regional Studies, Journal of Planning Education and Research, Population Research and Policy Review, Rural Sociology, USDA-ERS Economic Information Bulletin.*

### Awards, Fellowships, and Honors

---

- 2007 E. Walter Terrie Award for State & Local Demography, Southern Demographic Association
- 1999 Doctoral Dissertation Research Grant, HUD
- 1998 Phi Kappa Phi
- 1997 Alpha Kappa Delta
- 1997 Gamma Sigma Delta
- 1995 University Prize in the Social Sciences, University of Saskatchewan

**Membership**

---

Federal-State Cooperative Program for Population Estimates  
Federal-State Cooperative Program for Population Projections  
Population Association of America  
Southern Demographic Association