

Ryan K. Masters

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Nationality: U.S.-born Citizen

EDUCATION

- 2011 **Ph.D. in Sociology with Demography Specialization**, University of Texas at Austin
Dissertation: "The Growing Divide: Educational Attainment and Historical Changes in U.S. Adult Mortality."
Chairs: Dr. Robert A. Hummer and Dr. Mark D. Hayward
- 2006 **M.A. in Sociology**, *Magna Cum Laude*, University of Texas at Austin
Comprehensive Examinations: Demography and Health/Mortality (*with distinction*)
- 2003 **B.S. in Sociology**, *Magna Cum Laude*, Western Washington University
- 2003 **B.A. in Political Science**, *Magna Cum Laude*, Western Washington University

ACADEMIC POSITIONS

- 2009 – Present
Assistant Instructor, University of Texas at Austin, Department of Sociology
- 2008 – Present
Doctoral Student, University of Texas at Austin, Department of Sociology
- 2004 – Present
Population Research Center Graduate Trainee, University of Texas at Austin
- 2004 – 2008
Graduate Student, University of Texas at Austin, Department of Sociology

PUBLICATIONS

Hummer, R.A., R.G. Rogers, R.K. Masters, and J. Saint Onge. 2010. "Mortality Patterns in Late Life." Chapter 23 in International Handbook of Population Aging, edited by P. Uhlenberg. NY: Singer Publishers.

Masters, R.K. 2009. Review of Environmental Change and Globalization: Double Exposures, by Robin Leichenko and Karen O'Brien. *Sociological Insight* 1(1):148-50.

Masters, R.K. 2006. "Addressing the Changing Demography in the United States Through Education." Reinvention Center Conference Proceedings, Washington, D.C.

PAPERS UNDER PEER REVIEW

Masters, R.K., R.A. Hummer and T.W. Pullum. "Educational Differences in U.S. Adult Mortality: a Cohort Perspective." Under review at the *American Sociological Review*.

Masters, R.K. "Uncrossing the U.S. Black-White Mortality Crossover: the Role of Cohort Forces in Life Course Mortality Risk." Under review at *Demography*.

Masters, R.K. and M.P. Young. "Reviving Religious Explanations of the U.S. Temperance Movement." Under review at *American Journal of Sociology*.

Ross, C., R.K. Masters and R.A. Hummer. "Education and the Gender Gaps in Health and Mortality." Under review at *Demography*.

PAPERS IN PROGRESS

Masters, R.K. "The Growing Divide: How Cohort Processes Affect Educational Differences in Black and White U.S. Mortality Risk."

Young, M.P and R.K. Masters. "Before the Shooting Started: A Review of Tocqueville's America, Religious Growth, and the Anti-slavery Movement."

Hummer, R.A., K. Miller, R.K. Masters and B. Finch. "Black/White Differences in U.S. Adult Mortality: An Examination of Recent Period and Cohort Trends."

RESEARCH AND TEACHING INTERESTS

Demography and Sociology of Population
Social Disparities in U.S. Health and Mortality
Historical Demography
Demographic Methods
Quantitative Methods
Public Health
Political Sociology

SELECTED PRESENTATIONS

"Uncrossing the U.S. Black-White Mortality Crossover: the Role of Cohort Forces in Life Course Mortality Risk." Paper Presentation, Session 500, American Sociological Association 2010 Annual Meeting, Atlanta, GA.

"Educational Differences in U.S. Adult Mortality: a Cohort Perspective." Paper Presentation, Session 270, Population Association of America 2010 Annual Meeting, Dallas, TX.

“Race/Ethnicity and Older Adult Mortality in the United States: Estimates Using the NHIS-MCD.” Paper Presentation, Southern Demographic Association 2007 Annual Meeting, Birmingham, AL.

“Ecological Determinants of the New York State Temperance Movement.” Poster Session, Population Association of America 2007 Annual Meeting, New York City, NY.

“Reviving the Religious Origins of the U.S. Temperance Movement.” Paper Presentation, Roundtable Session, American Sociological Association 2007 Annual Meeting, New York City, NY.

“Event-History Analysis of Enlistment in the US Armed Services, 1968-1974.” Poster Session, Population Association of America 2005 Annual Meeting, Philadelphia, PA.

“Vietnam Era Enlistment in the US Armed Services.” American Sociological Association, Undergraduate Honors Program Roundtable, 2003 Annual American Sociological Association Meeting, Atlanta, GA.

“Intergenerational Transmission of Veteran Status: 1968-1974.” Pacific Sociological Association, 2003 Annual Meeting, Pasadena, CA.

COURSES TAUGHT

“Human Conquest of Disease and Mortality”

Department of Sociology, University of Texas at Austin, Fall 2009, Spring 2010, Fall 2010

“Stata and Introductory Statistics”

Research Experience for Undergraduates (REU) in Minority Demography, Department of Sociology, University of Texas at Austin, Summer 2005, Summer 2006, and Summer 2007

TAd COURSES

Introduction to Social Demography

Social Statistics

Statistical Analysis of Categorical Data

Introduction to Stata

Deviance

STATISTICAL EXPERTISE

Modeling: Life Table, OLS, MLE, log-linear, logit, multinomial logit, ordered logit, Poisson, Negative Binomial, Heterogeneous Negative Binomial and other extensions of GLM, Multilevel Growth Curve, Discrete-time Hazard, Cox Regression, Age-Period-Cohort (APC) Analysis.

Datasets: National Health Interview Survey (NHIS), National Health Interview Survey-Linked Mortality Files (NHIS-LMF), National Health and Nutrition Examination Survey (NHANES I-IVever), Health and Retirement Study (HRS), Integrated Public Use Microdata Series (IPUMS), National Longitudinal Surveys Original Cohorts: Older and Younger Men (NLS)

Programs: Stata, SAS, MSEXcel, R (proficient)

PROFESSIONAL POSITIONS

Population Research Center Graduate Trainee
University of Texas at Austin, 2004 – Present

Assistant Instructor
University of Texas at Austin, 2009 – Present

Research Assistant, Dr. Robert A. Hummer
University of Texas at Austin, 2007 – Present

Teaching Assistant
Categorical Data Analysis, Dr. Tom Pullum, ICPSR, Summer 2007 & Summer 2008
Introductory to Demography, Dr. Robert A. Hummer, Spring 2006
Dr. Kristine Hopkins, Fall 2004, Spring 2005
Dr. Jay D. Teachman, Fall 2002, Spring 2003
Deviance, Dr. Mark Stafford, Fall 2005
Introduction to Social Statistics, Dr. Kyle Crowder, Fall 2002

Demographic Analyst Intern
Division of Enrollment Planning, Seattle Public Schools, 2003 – 2004

ELL Teacher and Tutor
Northshore School District, 2003 – 2004

Research Assistant, Dr. Jay D. Teachman
Department of Sociology, Western Washington University, 2002 – 2003

Director
Native American Mentoring Program, Western Washington University, 2001-2002

HONORARY POSITIONS AND AWARDS

Professional Development Award
American Sociological Association Annual Meeting, 2010, Atlanta, GA
Population Association of America Annual Meeting, 2010, Dallas, TX
Research Data Center, National Center for Health Statistics, 2009, Washington, D.C.
Population Association of America Annual Meeting, 2007, New York, NY
American Sociological Association Annual Meeting, 2007, New York, NY
Population Association of America Annual Meeting, 2006, Los Angeles, CA
Population Association of America Annual Meeting, 2005, Philadelphia, PA

NICHD Trainee, Population Research Center, University of Texas at Austin, 2006-2007

Pass with Honors and Distinction,
Comprehensive Exams in Demography and Health/Mortality, Department of Sociology,
The University of Texas at Austin, 2007

Presidential Scholar
Western Washington University, 2003

Outstanding Graduating Senior
Department of Sociology, Western Washington University, 2003

Demography Scholarship
Douglas Massey, Western Washington University, 2002 – 2003

President
Western Washington Demography Club, 2002 – 2003

Undergraduate Honors Program
American Sociological Association, 2003

PROFESSIONAL MEMBERSHIP

Population Association of America, 2004 – Present
American Sociological Association, 2003 – Present
Population Section
Section on Aging and the Life Course
Pacific Sociological Association, 2001 – 2003

SERVICE

Chair, Session 170, Population Association of America 2010 Annual Meeting, Dallas, TX.

Organizing Committee Member, “Making the Transition from Graduate Student to Assistant Professor.” Department of Sociology, University of Texas at Austin, April 9th, 2010.

Presider, Roundtable Session, American Sociological Association 2007 Annual Meeting, New York, NY.

Discussant, “Navigating the First-Year of Graduate School.” Student Brown Bag, Department of Sociology, University of Texas at Austin, September 2005.

Reviewer, *Population Research and Policy Review*.