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## **PERSONAL INFORMATION**

Date of Birth: November 24, 1973  
Place of Birth: Evanston, IL  
Citizenship: U.S.  
Marital Status: Married

## **EDUCATION**

Princeton University, BA (cum laude), Public and International Affairs, 1996

University of California, Berkeley, Ph.D, Economics, 2002  
Dissertation Title: “Three Essays on Heterogeneity in Macroeconomics”

## **PROFESSIONAL EXPERIENCE**

2006–present: Assistant Professor of Economics, Queens College, City University of New York

2007–present: Doctoral Faculty Member, the Graduate Center of the City University of New York

2009–present: Faculty Associate, CUNY Institute for Demographic Research

2008–present: Faculty Research Fellow in Health Economics, National Bureau of Economic Research

2009–2013: Member, Institute of Medicine (IOM) Committee on the Readjustment Needs of Military Personnel, Veterans, and their Families

Spring 2009: Visiting Professor, Department of Biological Sciences, Stanford University

2007–2009: Faculty Affiliate, CUNY Institute for Demographic Research

2004–2006 Visiting Scientist, Department of Population and International Health, Harvard School of Public Health

2004–2006 Postdoctoral Fellow in the Study of Aging, RAND Corporation, Santa Monica, CA

2002–2004 Postdoctoral Scholar, Biological Sciences, Morrison Institute, Stanford University

1998–1999 Staff Economist in Macroeconomics, Council of Economic Advisers, Washington

## PUBLICATIONS

- Edwards, Ryan D. (2010) “Optimal Portfolio Choice When Utility Depends on Health,” forthcoming, *International Journal of Economic Theory*.
- Lee, Ronald D., Shripad Tuljapurkar, and Ryan D. Edwards (2010) “Uncertain Demographic Futures and Government Budgets in the U.S.,” in Shripad Tuljapurkar, Naohiro Ogawa, and Anne H. Gauthier, eds., *Riding the Age Waves – Vol. 3: Aging in Advanced Industrial States*, New York: Springer, forthcoming.
- MacLean, Alair and Ryan D. Edwards (2009) “The Pervasive Role of Rank in the Health of U.S. Veterans,” *Armed Forces & Society* doi:10.1177/0095327X09356166.
- Edwards, Ryan D. (2009) “(Book Review of) *Demographic Forecasting*,” *Journal of the American Statistical Association* 104(488): 1718–1719.
- Edwards, Ryan D. (2009) “The Cost of Cyclical Mortality,” *The B.E. Journal of Macroeconomics* 9(1): Contributions, Article 7.
- Edwards, Ryan D. (2008) “Health Risk and Portfolio Choice,” *Journal of Business & Economic Statistics* 26(4): 472–485.
- Edwards, Ryan D. (2008) “Who Is Hurt by Procyclical Mortality?” *Social Science & Medicine* 67(12): 2051–2058.
- Edwards, Ryan D. (2008) “Widening Health Inequalities Among U.S. Military Retirees Since 1974,” *Social Science & Medicine* 67(11): 1657–1668.
- Edwards, Ryan D. (2008) “Declining mortality among British scientists during the age of enlightenment,” in Alexia Prskawetz, David Bloom, and Wolfgang Lutz, eds., *Population Aging, Human Capital Accumulation, and Productivity Growth*. New York: Population Council. Supplement to *Population and Development Review*, March.
- Edwards, Ryan D. (2008) “Public Transit, Obesity, and Medical Costs: Assessing the Magnitudes,” *Preventive Medicine* 46(1), January, 14–21.
- Edwards, Ryan D. and Shripad Tuljapurkar (2005) “Inequality in Life Spans and a New Perspective on Mortality Convergence Across Industrialized Countries,” *Population and Development Review* 31(4), December, 645–675.
- Ryan D. Edwards (2005) “Commentary: Work, Well-Being, and a New Calling for Countercyclical Policy,” *International Journal of Epidemiology* 34(6), December, 1222–1225.
- Ryan D. Edwards (2004) “Macroeconomic Implications of the Earned Income Tax Credit,” *National Tax Journal* 57(1), 45–65.

Ronald D. Lee, Timothy Miller, and Ryan D. Edwards (2003) "The Growth and Aging of California's Population: Demographic and Fiscal Projections, Characteristics, and Service Needs," a special report of the California Policy Research Center.

Ronald D. Lee and Ryan D. Edwards (2002) "The Fiscal Impact of Population Aging in the US: Assessing the Uncertainties," in J.M. Poterba, ed., *Tax Policy and the Economy*, vol. 16, 141–181.

Ronald D. Lee and Ryan D. Edwards (2001) "The Fiscal Impact of Population Change," in J.S. Little and R.K. Triest, eds., *Seismic Shifts: The Economic Impact of Demographic Change*, *Federal Reserve Bank of Boston Conference Series*, No. 46.

## **WORKING PAPERS**

Edwards, Ryan D. and Jennifer Roff (2010) "Negative Effects of Paternal Age on Children's Neurocognitive Outcomes Can Be Explained By Maternal Education and Number of Siblings," working paper, January.

Tuljapurkar, Shripad and Ryan D. Edwards (2009) "Variance in Death and Its Implications for Modeling and Forecasting Mortality," *NBER Working Paper* 15288, August. Updated version of "Variance in Death and Mortality Decline," presented at the 2008 Annual Meeting of the Population Association of America in New Orleans.

Edwards, Ryan D. (2009) "The Cost of Uncertain Life Span," working paper, June. Updated version of *NBER Working Paper* 14093, June 2008.

Edwards, Ryan D. (2009) "Trends in World Inequality in Life Span Since 1970," working paper, May. Updated version of "Examining Variance in World Life Spans Since 1970," presented at the 2008 Annual Meeting of the Population Association of America in New Orleans.

Edwards, Ryan D. (2008) "Health, Income, and the Timing of Education Among Military Retirees," working paper, September.

Edwards, Ryan D. (2008) "American Time Use Over the Business Cycle," working paper, August.

Edwards, Ryan D. (2008) "Measuring Socioeconomic Differentials in Mortality," working paper, June.

MacLean, Alair and Ryan D. Edwards (2007) "Health and Rank among Veterans," Paper prepared for the conference on Military Service, Social (Dis)Advantage, and the Life Course Syracuse University, October 5-6.

Edwards, Ryan D. (2006) "Individual Perceptions of Mortality Decline," working paper presented at the 2006 Annual Meeting of the Population Association of America, March.

Edwards, Ryan D. (2006) "Health Shocks and Consumption Among Elderly U.S. Households," working paper, January.

Edwards, Ryan D. (2005) "Postwar Mortality Decline and Economic Growth in Industrialized Countries: A Puzzle," working paper, May.

## FELLOWSHIPS AND AWARDS

1999–2001: National Institute on Aging predoctoral training grants T32 AG00246-99, -00, -01

## GRANT ACTIVITY

### ACTIVE

1 R03 AG028277-01A2 (Edwards) 9/1/2007 – 8/31/2009  
NIH/NIA  
"Investigating the Health and Mortality of Veterans"

This project focuses on health disparities in veterans according to rank. It will examine existing microdata on veterans populations and assess whether differences in health through rank are accounted for by differential stress, smoking, or access to care.

Role: PI

### PAST

60104-37 38 (Edwards) 7/1/2007 – 6/30/2008  
PSC-CUNY  
"Measuring and Valuing Life-Span Variance in Developing Countries"

This project focuses on gathering existing historical and current life tables for developing countries, inferring historical mortality patterns in underrepresented regions using the best available methods, and gauging and valuing trends in the variance around the average length of life.

Role: PI

### WITHDRAWN

1 R01 AG034490-01 (PI: Deb) 10/1/2009 – 9/30/2011  
NIH/NIA  
"Forecasting Medicare Expenditures using Multivariate Time Series Models"

Per NIA's request for proposals, we forecast Medicare spending using a array of macroeconomic and some microeconomic approaches. Key elements are demographic forecasts and vector autoregression time series models.

Role: Subcontract

### WITHDRAWN

R01 AG029610-01A1 (PI: Kotlikoff) 12/1/2008 – 11/30/2010  
NIH/NIA  
"Can Retirees Sustain Their Living Standards in Retirement?"

This project aims to understand whether today's retirees can sustain their living standards through retirement, through widowhood, and through downturns in financial markets. It will examine nationally representative spending data and apply financial planning software to assess sustainability.

Role: Subcontract

#### WITHDRAWN

CUNY Collaborative Incentive Research Grant 1521

7/1/2008 – 7/1/2009

“Can't Buy Me Life! Racial Inequalities in Mortality in Queens County and New York City”

In this project, we will first document racial inequalities in mortality in Queens County and compare our results to what we find in national and other local data, and we will also descend to the Census tract level and decompose contributions to county-wide inequality. We will assess the role that external-cause mortality may play by decomposing causes of death. Finally, we will examine trends over time in mortality. We will then explore the explanatory roles played by covariates of mortality by linking mortality statistics to income and education at the level of Census tract. We will also examine data on hospital discharges for evidence of differential quality of care.

Role: co-PI

#### **REFEREE ACTIVITY**

*American Economic Review, B.E. Journal of Economic Analysis & Policy, B.E. Journal of Macroeconomics, Biostatistics, Demographic Research, Demography, Economic Inquiry, International Journal of Epidemiology, Journal of Policy Analysis and Management, Journal of Occupational and Environmental Medicine, Journal of Political Economy, Nature, PLoS One, Population Research and Policy Review, Preventive Medicine, Proceedings of the National Academy of Sciences, Review of Economics & Statistics, Social Science & Medicine, Southern Economic Journal, Theoretical Population Biology*

#### **MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS**

American Economic Association, Population Association of America

#### **PRESENTATIONS**

CUNY Graduate Center, First CUNY Macroeconomics and Finance Colloquium, November 20, 2009, “Adult Mortality, Institutions and Cross Country Income Differences.”

Veterans Administration Health Services Research & Development Series Cyber Seminar, October 21, 2009, “Some Perspectives on Veterans' Old-Age Health.”

University of Santa Clara Economics Department Yellow Pad Seminar, May 11, 2009, “The Cost of Uncertain Life Span.”

San Francisco State University Economics Department seminar, April 24, 2009, “The Cost of Uncertain Life Span.”

UC Berkeley Demography Brownbag, January 28, 2009, “Measuring Inequality in Mortality: A Utility-Theoretic Approach.”

Queens College, CUNY, November 12, 2008, “Health, Income, and the Timing of Education Among Military Retirees.”

CUNY Graduate Center, October 28, 2008, “American Time Use Over the Business Cycle.”

Conference on Military Service, Social (Dis)Advantage, and the Life Course Syracuse University, October 5–6, 2007, “Health and Rank among Veterans,” presented by co-author Alair MacLean.

Harvard Initiative for Global Health, Cambridge, MA, May 19, 2007, discussant on “The Value of Life in General Equilibrium.”

Harvard Initiative for Global Health, Cambridge, MA, February 26, 2007, “The Costs of Uncertain Life Span.”

Department of Health Policy and Management, Columbia University School of Public Health, September 13, 2006, “Who Is Hurt by Procyclical Mortality?”

Center for Demography of Health and Aging, Madison, WI, October 26, 2005, “Health and Rank among Veterans: Early Results on Cohort and Age/Time Effects.”

Harvard Initiative for Global Health, Cambridge, MA, May 4, 2005, “Inequality in Life Spans and Mortality Convergence across Industrialized Countries.”

Office of the Actuary, U.S. Department of Defense, Arlington, VA, March 23, 2005, “Differential Mortality Decline by Pay Grade Among U.S. Military Retirees, 1974–2003 and Projections to 2050.”

Symposium on Population Ageing and Economic Productivity, Vienna Institute of Demography (VID), December 2–4, 2004, “Are the wise always wizened? Ageing and knowledge production.”

Nihon University Population Research Institute (NUPRI), Tokyo, Japan, September 3, 2003, “Stochastic Forecasting in the U.S.”

Division of Economic Research, Social Security Administration, Washington, D.C., April 3, 2003, “The Tuljapurkar-Lee Stochastic Macromodel of Social Security,” with Carl Boe.

Kaiser-Permanente, Martinez, CA, March 28, 2003, “Health and Aging in California: An Economic Demographer’s Perspective.”

California Research Bureau, Sacramento, CA, January 30, 2003, “California’s Aging Population and the General Fund Budget, 2000–2050,” with Ronald D. Lee and Tim Miller.

Symposium on Global Income Growth in the 21st Century, Honolulu, HI, January 9–10, 2003,  
“Stochastic Fiscal Projections with Cyclical and Long-Term Uncertainty.”

Annual Meetings of the Population Association of America

- 2008 “Examining Variance in World Life Spans Since 1970.”
- 2008 “Variance in Death and Mortality Decline” presented by coauthor Shripad Tuljapurkar.
- 2007 discussant on “Issues in the Measurement of Mortality.”
- 2006 “Who Is Hurt by Procyclical Mortality?”
- 2006 “Individual Perceptions of Mortality Decline.”
- 2005 discussant on “The Impact of Population Aging on Social Security.”
- 2004 “International Distributions of the Age at Death and Mortality Convergence.”
- 2003 “Mortality Decline and Economic Growth in Industrialized Countries.”
- 2003 “Health Risk and Portfolio Choice.”

**MEDIA CITATIONS**

[“Upside of the Downside.”](#) NBC4 New York, October 28, 2008.

[“Recessions Can Do Wonders For Your Health.”](#) WXII12.com, November 24, 2008.

**RECENT CONFERENCE ATTENDANCE**

- NBER Summer Institute, Health Economics and Aging Workshops, July 20–23, 2009.
- NBER Summer Institute, Health Economics and Aging Workshops, July 21–24, 2008.
- NBER Health Economics Pre-Conference on Economic Aspects of Obesity, April 25, 2008.
- NBER Summer Institute, Health Economics and Aging Workshops, July 23–25, 2007.
- RAND Summer Institute and Mini-Med School, July 13–16, 2005.
- NBER Summer Institute, Aging and Health Care Workshop, July 25–29, 2005.

**TEACHING**

Queens College, CUNY

Economics 206: Intermediate Macroeconomics

- Fall 2009: 2 courses combined in 1 section
- Fall 2008: 2 courses combined in 1 section
- Fall 2007: 2 courses combined in 1 section
- Spring 2007: 2 courses combined in 1 section
- Fall 2006: 2 courses

Business 383: Business and Economic Demography

- Fall 2007: 1 course
- Spring 2007: 1 course

Graduate Center, CUNY

Economics 71100: Macroeconomic Theory I

- Fall 2009: 1 course
- Fall 2008: 1 course
- Fall 2007: 1 course

## **SERVICE**

Queens College, CUNY

Personnel and Budget (hiring) committees	
Economics hires	2008–present
Demography Cluster hire	2006–2007, 2007–2008
Technical Support Specialist hire	March 2007
Member, Social Science Computer Committee	Fall 2006–present
Member, Committee to Enhance Scholarship and External Funding at Queens College	Spring 2009–present