RYAN D. EDWARDS
Department of Economics
Queens College – CUNY
Powdermaker Hall 300-S
Flushing, NY 11367
Tel: 718-997-5189
Fax: 718-997-5466
redwards@qc.cuny.edu
http://qcpages.qc.cuny.edu/~redwards/

PERSONAL INFORMATION

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

2012-2013 Visiting Scholar, Department of Demography, University of California, Berkeley while on sabbatical leave from CUNY
2011-present: Associate Professor of Economics with tenure, Queens College, City University of New York, effective date: September 1, 2011.
2006–2011: 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
2011–present: Research Associate in Health Economics, National Bureau of Economic Research, effective date: October 1, 2011.
2008–2011: 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

PEER-REVIEWED PUBLICATIONS

Edwards, Ryan D. (2012) "The Cost of Uncertain Life Span," *Journal of Population Economics*, forthcoming.

Geiling, James, Joseph M. Rosen, and Ryan D. Edwards (2012) "Medical Costs of War in 2035: Long-Term Care Challenges for Veterans of Iraq and Afghanistan," *Military Medicine*, forthcoming.

Edwards, Ryan D. (2011) "Changes in World Inequality in Length of Life: 1970–2000," *Population and Development Review* 37(3): 499–528.

Edwards, Ryan D. (2011) "Commentary: Soda taxes, obesity, and the shifty behavior of consumers," *Preventive Medicine* 52(6): 417–418.

Tuljapurkar, Shripad and Ryan D. Edwards (2011) "Variance in Death and Its Implications for Modeling and Forecasting Mortality," *Demographic Research* 24(21): 497–526.

MacLean, Alair and Ryan D. Edwards (2010) "The Pervasive Role of Rank in the Health of U.S. Veterans," *Armed Forces & Society* 36(5): 765–785.

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," *PLoS ONE,* 5(9): e12157, 1–9.

Edwards, Ryan D. (2010) "Optimal Portfolio Choice When Utility Depends on Health," *International Journal of Economic Theory* 6(2): 205–225.

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.

Edwards, Ryan D. (2004) "Macroeconomic Implications of the Earned Income Tax Credit," *National Tax Journal* 57(1): 45–65.

OTHER PUBLICATIONS

MacLean, Alair and Ryan D. Edwards (2013) "Health, Aging, and the Post-Service Life Cycles of U.S. Veterans," in Jomana Amara and Ann Hendricks, eds., *Military Medical Care: From Pre-Deployment to Post-Separation*, Abingdon: Routledge.

Edwards, Ryan D. (2012) "The Good, the Bad, and the Ugly of Alcohol Consumption and Taxes," *Preventive Medicine,* in press.

Edwards, Ryan D. (2012) "Sugar-sweetened beverage taxes raise demand for substitutes and could even raise caloric intake," *Preventive Medicine* 54(3–4): 284–285.

Edwards, Ryan D. (2011) "Post-9/11 War Spending, Debt, and the Macroeconomy," paper prepared for the Costs of War website, Eisenhower Research Project, Watson Institute, Brown University.

Edwards, Ryan D. (2010) "Still in the Nation's Service: What Military Retirees' Educational Histories Reveal About Health," *AMRA News* 36(4): 22–23.

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, 79–100.

Edwards, Ryan D. (2009) "(Book Review of) *Demographic Forecasting*," *Journal of the American Statistical Association* 104(488): 1718–1719.

Edwards, Ryan D. (2005) "Commentary: Work, Well-Being, and a New Calling for Countercyclical Policy," *International Journal of Epidemiology* 34(6): December, 1222–1225.

Lee, Ronald D., 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.

Lee, Ronald D. 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.

Lee, Ronald D. 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 Alice Zulkarnain (2012) "Determinants of the Subjective Survivorship Function," working paper, October.

Edwards, Ryan D. (2012) "Overseas Deployment, Combat Exposure, and Well-Being in the 2010 National Survey of Veterans," *NBER Working Paper* 18227, July.

Edwards, Ryan D. (2012) "U.S. War Costs: Two Parts Temporary, One Part Permanent," updated version of *NBER Working Paper* 16108. Revise and resubmit, *Journal of Public Economics*. Last updated; January 6.

Edwards, Ryan D. and Alair MacLean (2011) "Military Service, Combat Exposure, and Health in Retirement," working paper prepared for Session 139 of the 2011 Annual Meeting of the Population Association of America, April 1, Washington, D.C.

Edwards, Ryan D. (2011) "American Time Use Over the Business Cycle," updated working paper prepared for Session 114 of the 2011 Annual Meeting of the Population Association of America, April 1, Washington, D.C.

Edwards, Ryan D. (2010) "A Review of War Costs in Iraq and Afghanistan," *NBER Working Paper* 16163, July.

Edwards, Ryan D. (2010) "Adult Mortality, Institutions, and Cross-Country Income Differences," working paper prepared for Session 101 of the 2010 Annual Meeting of the Population Association of America, April 16, Dallas, TX.

Edwards, Ryan D. (2010) "Health, Income, and the Timing of Education Among Military Retirees," *NBER Working Paper* 15778, February.

Edwards, Ryan D. (2010) "Forecasting Government Revenue and Expenditure in the U.S. Using Data on Age-Specific Utilization," National Transfer Accounts Project Working Paper WP10-01, February.

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

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

FELLOWSHIPS AND AWARDS

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

GRANT ACTIVITY

FUNDED

1 R01 DA033168-01R1 (PI: El-Bassel) 12/1/2012 – 11/30/2016
NIH/NIDA
"Couple HIV Prevention for Drug-Involved Male Offenders: An Effectiveness Trial"

This proposal aims to evaluate the effectiveness and cost-effectiveness of a couple-base HIV/ STI and drug abuse brief prevention intervention with drug-involved male offenders on probation and their primary female partners in the South Bronx and Brooklyn, NY.
Role: Subcontract

PAST
1 R03 AG028277-01A2 (Edwards) 9/1/2007 – 8/31/2010
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
PSCOOC-38-161 (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

SUBMITTED BUT NOT FUNDED
1 R03 AG043779-01 (Edwards)
NIH/NIA
"Behavioral Consequences of Uncertain Life Span"
Individuals with more education, income, or wealth tend to live longer than those with less, which is a well-known disparity in health. Recent research also suggests that length of life is also more uncertain for the poor or less educated. The goals of this project are to study how individuals perceive these differences in length of life and how those perceptions influence behavior over the life cycle like saving and retirement.
Role: PI

SUBMITTED BUT NOT FUNDED
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

SUBMITTED BUT NOT FUNDED
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

SUBMITTED BUT NOT FUNDED
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; American Economic Journal: Applied Economics; B.E. Journal of Economic Analysis & Policy; B.E. Journal of Macroeconomics; Biostatistics; BMC Public Health; Contemporary Economic Policy; Demographic Research; Demography; Economic Inquiry; European Journal of Population; International Journal of Epidemiology; Journal of Development Economics; Journal of Human Resources; Journal of Policy Analysis and Management; Journal of Occupational and Environmental Medicine; Journal of Pension Economics and Finance; Journal of Political Economy; The Lancet: Infectious Disease; Nature; Netherlands Organisation for Scientific Research; Obesity; PLoS One; Population and Development Review; Population Research and Policy Review; Population Studies; Preventive Medicine; Proceedings of the National Academy of Sciences; Public Finance Review; Review of Economics of the Household; Review of Economics & Statistics; Review of Finance; Scandinavian Journal of Economics; Social Science & Medicine; Southern Economic Journal; Substance Abuse, Treatment, Prevention, and Policy; Theoretical Population Biology

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Economic Association, Population Association of America

PRESENTATIONS

UC Berkeley Demography Brownbag, September 5, 2012, "The Wars in Iraq and Afghanistan and Their Life-Cycle Impacts."
Stanford Workshop in Formal Demography, Stanford University, May 21, 2012, "Mortality and Variance."
Lafayette College Economics Department Seminar, February 10, 2012, "Deployment, Combat, and Well-Being in the 2010 National Survey of Veterans."

United Nations Population Fund, Technical Policy Seminar on the Economics of Aging, September 20, 2011, discussant on "Productivity of Older Workers, Pension Reform, and Saving: An International Comparison."

National Bureau of Economic Research Summer Institute, National Security Workshop, July 25, 2011, "A Review of War Costs in Iraq and Afghanistan."

Costs of War Workshop, Eisenhower Research Project, Watson Institute, Brown University, January 4, 2011, "Post-9/11 War Spending, Debt, and the Macroeconomy."

Stanford Workshop in Formal Demography, Mortality Analysis and Forecasting, Stanford University, December 15, 2010, "Variance and Uncertainty in Length of Life" and "Mortality of U.S. Military Retirees and Veterans."

Department of Economics, Northern Illinois University, November 3, 2010, "Old-Age Health Effects of Combat Exposure."

Division of Health Policy & Management, School of Public Health, University of Minnesota, February 22, 2010, "Veterans: Health, Education, and Budgets."

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 School of Public Health, Program on the Global Demography of Aging, 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," joint work with Alair MacLean, presented by Edwards.

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," co-presented 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," co-presented 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:

Edwards, Ryan D. (2012) organizer, chair, and discussant in Session 132, Causes and Measurement of Mortality; and in Session 162, Methodological Issues in the Study of Health and Mortality.
Edwards, Ryan D. (2011) "Military Service, Combat Exposure, and Health in Retirement," in Session 139, April 1.
Edwards, Ryan D. (2011) "American Time Use Over the Business Cycle," in Session 114, April 1.
Edwards, Ryan D. (2010) "Adult Mortality, Institutions, and Cross-Country Income Differences," in Session 101, April 16.
Edwards, Ryan D. (2010) discussant in Session 18, *Demographic Consequences of Economic Downturns*, April 15.
Edwards, Ryan D. (2008) "Examining Variance in World Life Spans Since 1970," in Session 55, April 17.
Tuljapurkar, Shripad and Ryan D. Edwards (2008) "Variance in Death and Mortality Decline," in Session 28, April 17. Presented by Tuljapurkar.
Edwards, Ryan D. (2007) discussant in Session 52, *Issues in the Measurement of Mortality*, March 29.
Edwards, Ryan D. (2006) "Who Is Hurt by Procyclical Mortality?" in Session 109, March 31.
Edwards, Ryan D. (2006) "Individual Perceptions of Mortality Decline," in Session 74, March 31.
Edwards, Ryan D. (2005) discussant in Session 102, *The Impact of Population Aging on Social Security*, April 1.
Edwards, Ryan D. (2004) "International Distributions of the Age at Death and Mortality Convergence," in Session 87, April 2.
Edwards, Ryan D. (2003) "Health Risk and Portfolio Choice," in Session 75, May 2.
Edwards, Ryan D. and Shripad Tuljapurkar (2003) "Mortality Decline and Economic Growth in Industrialized Countries," in Session 1, May 1. Presented by Edwards.

MEDIA CITATIONS

Halpert, Julie (2011) "7 Ways the Recession is Making You Healthier," *The Fiscal Times*, October 25.
Trotta, Daniel (2011) "U.S. cost of war at least $3.7 trillion and counting," *Reuters*, June 29.
Jacobs, Tom (2010) "Among Vets, Higher Rank Predicts Better Health," *Miller-McCune*, December 8.
Mulligan, Casey B. (2010) "The Costs of War, Continued," *New York Times Economix Blog*, September 1.

Druzin, Heath (2010) "I chose the right way, and no one rewarded me," *Stars and Stripes*, August 16.
Farrell, Chris (2010) "The cost of war," *MPR News*, August 11.
Dubner, Stephen J. (2010) "The Costs of War," *New York Times Freakonomics Blog*, July 27.
Clark, Katy (2010) "The cost of caring for injured soldiers," PRI's *The World*, April 2.
Hefling, Kimberly (2010) "Panel urges long-term planning to care for vets," *AP Newswire*, March 31.
Cheng, Pei-Sze (2008) "Upside of the Downside," NBC4 New York, October 28.
Woolman, Shiloh (2008) "Recessions Can Do Wonders For Your Health," WXII12.com, November 24.

RECENT CONFERENCE ATTENDANCE

PSID conference, *SES and Health across Generations and over the Life Course*, Ann Arbor, MI, September 23–24, 2010.
NBER Summer Institute, Health Economics and Aging Workshops, July 26–30, 2010.
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
- Spring 2012: 2 courses combined in 1 section
- Fall 2011: 2 courses combined in 1 section
- Spring 2011: 2 courses combined in 1 section
- Fall 2010: 2 courses combined in 1 section
- 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

Economics 208: The Process of Economic Development
- Spring 2012: 1 course

Economics 215: Money and Banking
- Fall 2010: 2 courses combined in 1 section

Business 383: Business and Economic Demography
- Fall 2007: 1 course
- Spring 2007: 1 course

Graduate Center, CUNY

Economics 89900: Seminar in Applied Economics
Spring 2011: 1 course
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	2008–2012
Demography Cluster hire	2006–2008
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

CUNY

PSC-CUNY Grant System Economics Panel	2009