

AMAL HARRATI

Stanford School of Medicine
1070 Arastradero Rd.
Palo Alto, CA 94304

Phone: (510) 292-1862
Email: aharrati@stanford.edu
www.amalharrati.com

EDUCATION

Post-Doctoral Fellowship	Stanford University School of Medicine P.I. Cullen, Mark	Jan. 2015-
Ph.D. Demography	University of California, Berkeley "Understanding Risk Aversion in Older Americans: New Approaches Using Genetic Data." Kenneth Wachter (chair), Ronald Lee, William Dow	Dec. 2014
M.A. Demography	University of California, Berkeley	June 2008
M.A. Economics	University of California, Santa Barbara	June 2002
B.A. Economics	University of California, Los Angeles	June 2001

RESEARCH AND TEACHING INTERESTS

Economics of Aging and Health, Biodemography, Genetic Links to Social and Health Behavior, Biostatistical Methods and Mathematical Demography, Behavioral Economics and Experimental Methods

ACADEMIC APPOINTMENTS

2015- Research Economist, National Bureau of Economic Research

FELLOWSHIPS and GRANTS

2015	<i>"Examining the role of job transitions in the manufacturing sector."</i> Sloan Foundation Officer Grant, Co-Investigator (PI: Cullen) \$114,687
2015	<i>"Understanding the role of cognitive decline on retirement decisions."</i> National Bureau of Economic Research, Retirement Research Center, Co-PI (PI: Cullen) \$62,605
2012-2014	National Bureau of Economic Research: Economics of an Aging Workforce Pre-doctoral Fellowship, \$25,000
2012-2013	UC Berkeley Center for the Economics and Demography of Aging: Pilot Grant (PI, Ronald Lee and Kenneth Wachter), \$8,000
2011-2012	UC Berkeley: Dean's Normative Time Fellowship, \$17,000
2009-2011	National Institutes for Health, National Institute of Aging : Pre-doctoral Training Grant
2008-2009	Research Grant, Experimental Laboratory (X-Lab), University of California at Berkeley

WORKS IN PROGRESS

"Characterizing Work, Disability and Health in Work-Life and Post-Retirement: A Multi-State Life Table Approach."

"Understanding the Role of Cognitive Decline in Early Retirement Decisions."

"Detecting Contemporary Effects of Genetic Load." (With Kenneth Wachter, Iain Matheison)

"Assessing the Relationship Between Subjective and Objective Dementia Probabilities Using Genetic Risk Scores." (With David Rehkopf)

ARTICLES

Domingue, B. W., Belsky, D. W., **Harrati, A.**, Conley, D., Weir, D., & Boardman, J. (2016). Mortality Selection in a Genetic Sample and Implications for Association Studies. *bioRxiv*, 049635.

Harrati, A. (2014). Characterizing the genetic influences on risk aversion. *Biodemography and social biology*, 60(2), 185-198.

Clarke, Christina A., **Amal Harrati**. "Life Expectancy in California's Diverse Population: Recent Estimates by Race/Ethnicity and Neighborhood Social Class." Meeting California's Retirement Security Challenge. Edited by UC Berkeley Center for Labor Research and Education. (2012)

CONFERENCE PRESENTATIONS

2016 "Characterizing Work, Disability and Health Pre- and Post- Retirement: A Multistate Approach," Population Association of America conference, Washington DC, April 30.

2015 "Assessing the Relationship between Subjective and Objective Probabilities of Dementia Using Polygenic Risk Scores." Presented at Integrating Genetics into Social Sciences Conference, Institute of Behavioral Sciences, University of Colorado, Boulder, Oct. 23.

2013 "Detectability Bounds of Genetic Correlates of Risk Aversion." Presented at Integrating Genetics into Social Sciences Conference, Institute of Behavioral Sciences, University of Colorado, Boulder, Oct. 11.

2012 "Bad Health and Retirement: A New Approach Using Genetic Material." Presented at American Public Health Association Annual Conference, San Francisco, CA.

2012 "Poor Infant Health and Late-Life Outcomes." Poster Presentation at Population Association of America Annual Meeting, San Francisco, CA.

2010 "Evaluation Fertility Intentions and Behavior: Towards a New Behavioral Model." Poster Presentation at Population Association of America Annual Meeting, Dallas, TX.

2009 "Testing Altruism in Family Transfer Behaviors Using Experimental Designs," Poster Presentation at Population Association of America Annual Meeting, Detroit, MI.

INVITED TALKS

- 2016 "Genes, Cognition and Retirement," UC Berkeley/Stanford University, Genes and Complex Human Phenotypes Conference, Berkeley, CA, May 2016.
- "The Role of Cognitive Decline in Retirement Decisions: A Mendelian Randomization Approach," Stanford University Population Health Sciences, Symposium on Cognition and Dementia, Palo Alto, CA, May 2016.
- "Characterizing Work, Disability and Health Pre- and Post- Retirement: A Multistate Approach," University of Southern California, April 2016.
- "The Role of Cognitive Decline in Retirement Decisions: A Mendelian Randomization Approach," Social Security Administration, Washington DC, Feb. 2016.
- 2015 "Understanding Multi-State Lifetables and their Applications." Guest Lecture, UC San Francisco
- 2013 "Understanding the Genetic Correlates of Risk Aversion." Demography Department Colloquim, UC Berkeley, Oct. 2013
- 2013 "Poor Childhood Health and Later Life Outcomes." Public Health Colloquium, Touro University, CA.
- 2012 "Integrating Genetics in Social Sciences." Graduate Level Economic Demography, Demography Department, University of California, Berkeley, CA
- 2011 "Life Expectancy in California's Diverse Population: Recent Estimates by Race/Ethnicity and Neighborhood Social Class." Meeting California's Retirement Security Challenge Conference, UCB Labor Center, University of California, Berkeley, CA.
- "Poor Childhood Health and Later Life Outcomes." Annual Summer Conference, Public Policy Institute of California, San Francisco, CA.
- 2009 "Using Statistical Techniques to Estimate the Children's Share of the California State Budget." Annual Summer Conference, Public Policy Institute of California, San Francisco, CA
- 2007 "Updates on a Long-Term Housing Forecast." Joint Center for Housing Studies, Annual Conference, Harvard University. Cambridge, MA.
- 2006 "A Comparison of Weighting Techniques in the American Housing Survey, the American Community Survey and the Current Population Survey." Housing Statistics Users Group, Washington DC.
- "Utilizing the American Housing Survey to Tabulate Home Improvement Data." Home Improvement Research Institute, Chicago, IL. 2006.
- "Developing a Leading Indicator for the Home Remodeling Industry." Joint Center for Housing Studies, Annual Conference, Harvard University. Cambridge, MA.
- 2005 "Generational Differences in Remodeling Behavior." Joint Center for Housing Studies Annual Conference, Harvard University. Cambridge, MA.

EMPLOYMENT

- 2010-present **Cancer Prevention Institute of California, Consultant**
- 2009, 2011 **Public Policy Institute of California, Summer Fellow**
- 2002-2007 **Harvard University, Joint Center for Housing Studies, Research Analyst**

TEACHING

- 2013, 2014 Adjunct Professor, Biostatistics, Touro University, CA
- 2001-2002 Graduate Student Instructor, Advanced Macroeconomics (upper-level undergraduate), UC Santa Barbara

ADDITIONAL TRAINING

- 2015 UC Berkeley Formal Demography Workshop (one week, by invitation), UC Berkeley, Berkeley, CA
- 2013 Genome-Wide Association Studies Workshop (one day), Institute of Behavioral Sciences, University of Colorado, Boulder
- 2013 RAND Summer Institute: Mini-Medical School for Social Scientists (two days) and Conference in the Demography, Economics, Psychology, and Epidemiology of Aging (three days, both by invitation only)
- 2012 National Institute of Aging: Grants Technical Assistant Workshop (three days, by invitation only)
- 2012 NBER Summer Institute (one week, by invitation only), National Bureau of Economic Research
- 2011 Genome-Wide Association Studies Workshop (two days), Institute of Behavioral Sciences, University of Colorado, Boulder
- 2008 Summer Program in Quantitative Methods of Social Research (six weeks), Interuniversity Consortium for Political and Social Research (ICPSR), University of Michigan

OTHER RELEVANT INFORMATION

- Computing: R, STATA , SAS, PLINK, Geographic Information Systems
- Languages: English (native speaker), French (fluent), Arabic (fluent), Spanish(working knowledge)