

# AMALIA REBECCA MILLER

## Curriculum Vitae

September 2017

**ADDRESS** Department of Economics  
University of Virginia  
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### EDUCATION

2004 Ph.D. in Economics, Stanford University  
1999 S.B. in Economics, Massachusetts Institute of Technology  
Minor in Women's Studies

### EMPLOYMENT AND AFFILIATIONS

8/2016 – present Professor of Economics, University of Virginia  
6/2015 – present Associate Professor of Public Health Sciences, University of Virginia  
5/2014 – present Research Associate, NBER Law and Economics Program  
1/2014 – present IZA Research Fellow  
7/2012 – 3/2017 Adjunct Economist, RAND Corporation  
8/2010 – 8/2016 Associate Professor of Economics, University of Virginia  
8/2010 – 7/2012 Economist, RAND Corporation  
8/2004 – 8/2010 Assistant Professor of Economics, University of Virginia

### PUBLICATIONS

#### *Journal Articles:*

“The Effects of Job Relocation on Spousal Careers: Evidence from Military Change of Station Moves” (with Jeremy Burke), forthcoming in *Economic Inquiry*.

“Privacy Protection, Personalized Medicine, and Genetic Testing” (with Catherine Tucker), forthcoming in *Management Science*.

“Women Helping Women? Evidence from Private Sector Data on Workplace Hierarchies” (with Astrid Kunze), forthcoming in the *Review of Economics and Statistics*.

- “Playing the Fertility Game at Work: An Equilibrium Model of Peer Effects” (with Federico Ciliberto, Helena Skyt Nielsen, Marianne Simonsen), August 2016, *International Economic Review* 57(3): 827–856.
- “Electronic Discovery and the Adoption of Information Technology” (with Catherine Tucker), May 2014, *Journal of Law, Economics and Organization* 30(2): 217–243.
- “Workforce Reductions at Women-Owned Businesses in the United States” (with David Matsa), April 2014, *Industrial and Labor Relations Review* 67(2): 422–452.
- “Health Information Exchange, System Size and Information Silos” (with Catherine Tucker), January 2014, *Journal of Health Economics* 33(1): 28–42.
- “Financing of Employer Sponsored Health Insurance Plans Before and After Health Reform: What Consumers Don’t Know Won’t Hurt Them?” (with Christine Eibner and Carole Roan Gresenz), October 2013, *International Review of Law and Economics* 36: 36–47.
- “A Female Style in Corporate Leadership? Evidence from Quotas” (with David Matsa), July 2013, *American Economic Journal: Applied Economics*, 5(3): 136–169.
- “Active Social Media Management: The Case of Health Care” (with Catherine Tucker), March 2013, *Information Systems Research* 24(1): 52–70.
- “Does Temporary Affirmative Action Produce Persistent Effects? A Study of Black and Female Employment in Law Enforcement” (with Carmit Segal), November 2012, *Review of Economics and Statistics*, 94(4): 1107–1125.
- “The Opt-In Revolution? Contraception and the Gender Gap in Wages” (with Martha J. Bailey, Brad Hershbein), July 2012, *American Economic Journal: Applied Economics*, 4(3): 225–254.
- [Awarded the 2013 IZA Young Labor Economist Award]
- “Intergenerational Effects of Welfare Reform on Educational Attainment” (with Lei Zhang), May 2012, *Journal of Law and Economics*, 55(2): 437–476.
- “The Effects of Motherhood Timing on Career Path,” July 2011, *Journal of Population Economics*, 24(3): 1071–1100.
- “Encryption and the Loss of Patient Data” (with Catherine Tucker), Summer 2011, *Journal of Policy Analysis and Management*, 30(3): 534–556.
- “Chipping Away at the Glass Ceiling: Gender Spillovers in Corporate Leadership” (with David Matsa), May 2011, *American Economic Review Papers and Proceedings*, 101(3): 635–639.

“Can Health Care Information Technology Save Babies?” (with Catherine Tucker), April 2011, *Journal of Political Economy*, 119(2): 289–324.

[Awarded the 2012 Garfield Economic Impact Award and the 2011 WHITE Award for the Best Paper on Health IT and Economics]

“Did the Airline Tariff Publishing Case Reduce Collusion?” August 2010, *Journal of Law and Economics*, 53(3): 569–586.

“The Effects of Welfare Reform on the Academic Performance of Children in Low-Income Households” (with Lei Zhang), Fall 2009, *Journal of Policy Analysis and Management*, 28(4): 577–599.

“Privacy Protection and Technology Diffusion: The Case of Electronic Medical Records” (with Catherine Tucker), July 2009, *Management Science*, 55(7): 1077–1093.

“Motherhood Delay and the Human Capital of the Next Generation,” May 2009, *American Economic Review Papers and Proceedings*, 99(2): 154–58.

“The Impact of Midwifery-Promoting Public Policies on Medical Interventions and Health Outcomes,” 2006, *B. E. Journal of Economic Analysis & Policy (Advances)*, 6(1): Article 6.

[Awarded the 2006 Arrow Prize for Junior Economists and the 2003 Marjorie Lozoff Graduate Essay Prize]

***Book Chapters, Reports, and Comments:***

“Women and Leadership” in *Oxford Handbook on Women and the Economy*, eds. Susan L. Averett, Laura M. Argys and Saul D. Hoffman, forthcoming, New York: Oxford University Press.

“Frontiers of Health Policy: Digital Data and Personalized Medicine” (with Catherine Tucker) in *Innovation Policy and the Economy*, Vol. 17, eds. Shane Greenstein, Josh Lerner and Scott Stern, forthcoming, University of Chicago Press.

Comment on “Information Lost” by Catherine Mann, *Economic Analysis of the Digital Economy*, eds. Shane Greenstein, Avi Goldfarb, and Catherine Tucker, April 2015, NBER and University of Chicago Press.

Comment on “Fifty Years of Family Planning: New Evidence on the Long-Run Effects of Increasing Access to Contraception” by Martha J. Bailey, *Brookings Papers on Economic Activity*, Spring 2013.

“Marriage Timing, Motherhood Timing and Women’s Wellbeing in Retirement” in *Lifecycle Events and Their Consequences: Job Loss, Family Change, and Declines in Health*, eds. Kenneth A. Couch, Mary C. Daly and Julie Zissimopoulos, 2013, Stanford University Press.

“Compensating Wounded Warriors: An Analysis of Injury, Labor Market Earnings, and Disability Compensation among Veterans of the Iraq and Afghanistan Wars” (with Paul Heaton, David S. Loughran), June 2012, RAND Monograph MG-1166-OSD.

“Analysis of Financial Support to the Surviving Spouses and Children of Casualties in the Iraq and Afghanistan Wars” (with Paul Heaton, David S. Loughran), June 2012, RAND Technical Report TR-1281-OSD.

“Employer Self-Insurance Decisions and the Implications of the Affordable Care Act as Modified by the Health Care and Education Reconciliation Act of 2010 (ACA)” (with Christine Eibner, Federico Girosi, Amado Cordova, Elizabeth A. McGlynn, Nicholas M. Pace, Carter C. Price, Raffaele Vardavas, Carole Roan Gresenz), March 2011, RAND Technical Report TR-971-DOL.

Comment on “Fertility Theories: Can They Explain the Negative Fertility-Income Relationship?” by Larry E. Jones, Alice Schoonbroodt and Michèle Tertilt in *Demography and the Economy*, ed. John Shoven, 2010, NBER and University of Chicago Press.

## **WORKING PAPERS**

“Do Female Officers Improve Law Enforcement Quality? Effects on Crime Reporting and Domestic Violence” (with Carmit Segal).

“Health IT and Ambulatory Care Quality” (with Carole Roan Gresenz, Scott Laughery, and Catherine Tucker)

## **RESEARCH GRANTS AND CONTRACTS (SELECTED)**

Principal Investigator, “Factors Affecting Domestic Violence Reporting and Incidence” University of Virginia Sesquicentennial Fellowship, 2016 – 2017.

Principal Investigator, “Experimental Evidence on the Effects of Tournament Competitions in the Workplace,” Bankard Fund for Political Economy, University of Virginia, 2016 – 2017.

Principal Investigator (with Sheetal Sekhri), “Estimating Under Reporting of Domestic Violence and Investigating Mitigation Strategies,” Quantitative Collaborative Seed Grant, University of Virginia, 2016.

Principal Investigator, “Mitigating the Adverse Effects of PCS Moves by Facilitating Portable Careers,” Department of Defense, Office of the Secretary of Defense, 2012 – 2016.

Principal Investigator, “Analysis of Medicare Inpatient Data to Study Population Health and Healthcare Quality,” Bankard Fund for Political Economy, University of Virginia, 2014 – 2015.

- Principal Investigator, “Health IT in Ambulatory Care Settings: Effects on Quality and Disparities,” Agency for Healthcare Research and Quality, 2012 – 2015.
- Principal Investigator (co-PI: Catherine Tucker), “Privacy Protection and Genetic Testing,” National Science Foundation, 2012 – 2014.
- Principal Investigator (with Laura Miller), “Designing an Evaluation for SECO Programs,” Department of Defense, Office of the Secretary of Defense, 2012 – 2013.
- Principal Investigator (with Federico Ciliberto), “Peer Effects in Fertility Decisions,” National Institutes of Health, National Institute of Child Health and Human Development, 2011 – 2013.
- Principal Investigator, “Gender Diversity and Quality in Law Enforcement,” Quantitative Collaborative Seed Grant, University of Virginia, 2012.
- Co-Investigator (PI: Christine Eibner), “Analysis of Stop-Loss Insurance and Review of Assistance to Health Plan Participants,” Department of Labor, 2011 – 2012.
- Co-Investigator (PIs: Wendy Cohn, William Knaus), “Building a Genome Enabled Electronic Medical Record,” National Institutes of Health, National Cancer Institute, 2009 – 2011.
- Principal Investigator (with Catherine Tucker), “System Size, Lock-In and Network Effects for Patient Records,” NET Institute Grant, 2009.
- Principal Investigator (with Federico Ciliberto), “Playing the Fertility Game at Work,” College of Arts and Sciences and Vice President for Research and Graduate Studies, University of Virginia, 2009.
- Principal Investigator, “Information Technology and Privacy in Healthcare,” Bankard Fund for Political Economy, University of Virginia, 2008 – 2009.
- Co-Principal Investigator (PI: Steven Patek), “Econometric Models for Impacts of Technology in Healthcare,” National Science Foundation, 2007 – 2009.
- Principal Investigator (with Lei Zhang), “Intergenerational Effects of Welfare Reform,” University of Kentucky Center for Poverty Research Young Investigator Development Grant, 2007 – 2008.
- Principal Investigator, “Intergenerational Effects of Welfare Reform,” Bankard Fund for Political Economy, University of Virginia, 2007 – 2008.
- Principal Investigator, “Does Temporary Affirmative Action Produce Persistent Effects?” University of Virginia Sesquicentennial Fellowship, 2007 – 2008.

Principal Investigator (with Catherine Tucker), “Network Effects, Privacy and Electronic Medical Records,” NET Institute Grant, 2007.

Principal Investigator, “Did the ATP Case Reduce Collusion?” Bankard Fund for Political Economy, University of Virginia, 2005 – 2006.

## HONORS AND AWARDS

2016	Excellence in Reviewing Certificate from <i>Labour Economics</i>
2013	IZA Young Labor Economist Award
2012	Research!America Eugene Garfield Economic Impact Award
2011	WHITE Award for Best Paper on Health IT and Economics
2006	B.E. Press Arrow Prize for Junior Economists
2004 – 2005	UVA Excellence in Diversity Fellowship
2003 – 2004	Koret Foundation Fellowship, Stanford Institute for Economic Policy Research
2003 – 2004	Stanford Institute for Research on Women and Gender Dissertation Fellowship
2003	Marjorie Lozoff Graduate Essay Prize
2002 – 2003	Community Service Award, Stanford Dean of Students Office
2000 – 2001	Community Service Award, Stanford Undergraduate Advising Center
1999 – 2000	Forman Fellowship, Stanford Economics Department
1999	Sigma Xi Research Honor Society
1998	MIT Burchard Scholar in Humanities, Arts and Social Sciences

## PROFESSIONAL SERVICE

### *External:*

2017 – present	Editorial Review Board Member of <i>Leadership Quarterly</i>
2015 – present	Editorial Board Member of <i>Industrial and Labor Relations Review</i>
2015 – present	Editorial Board Member of <i>Learning Health Systems</i>
2013 – present	Board Member of AEA Committee on the Status of Women in the Economics Profession (CSWEP)
2013 – 2015	Editorial Board Member of <i>Demography</i>
2014	Reviewer for 9 <sup>th</sup> Annual Conference on Empirical Legal Studies
2014	Mentor at CeMENT National Mentoring Workshop
2013	US National Science Foundation, Economics Advisory Panel
April 2013	Participant in NSF Workshop on the Learning Health System
April 2012	Expert Panel Member on Measuring Health IT Efficiency for the Office of the National Coordinator for Health IT
2008	Member of the B.E. Press Arrow Prizes selection committee

Journal referee for: *American Economic Journal: Applied Economics*, *American Economic Journal: Economic Policy*, *American Economic Review*, *American Journal of Health Economics*, *B.E. Journal of Economic Analysis and Policy*, *British Journal of Sociology*, *Contemporary Economic Policy*, *Decision Support Systems*, *Demography*,

*Eastern Economic Journal, Economic Inquiry, Economic Journal, Econometrica, Economica, Economics Bulletin, Economics Letters, Educational Evaluation and Policy Analysis, German Economic Review, Health Economics, Industrial and Labor Relations Review, Information Systems Research, International Journal of Industrial Organization, IZA Journal of Labor Economics, Journal of Economics and Management Strategy, Journal of Economic Literature, Journal of the European Economic Association, Journal of Finance, Journal of Health Economics, Journal of Human Resources, Journal of Labor Economics, Journal of Labor Research, Journal of Policy Analysis and Management, Journal of Political Economy, Journal of Population Economics, Journal of Public Economics, Journal of Urban Economics, Labour Economics, Management Science, PLOS ONE, Production and Operations Management, Quarterly Journal of Economics, RAND Journal of Economics, RAND Quality Assurance program, Rationality and Society, Review of Economic Studies, Review of Economics and Statistics, Review of Economics of the Household, Review of Financial Studies, Review of Industrial Organization, Scandinavian Journal of Economics, Social Science Quarterly, Urban Education.*

Grant proposal reviewer for: US National Science Foundation, Danish Council for Independent Research (Social Sciences), Israel Science Foundation, Social Sciences and Humanities Research Council of Canada, Alfred P. Sloan Foundation.

***University of Virginia:***

2017 – present	Economics Distinguished Majors Program Committee Chair
2017 – present	Economics Graduate Program Committee
2014 – 2016	Center for Health Policy Executive Committee
2015 – 2016	Economics Faculty Recruiting Committee Chair
2015 – 2016	Batten Health Economics and Policy Faculty Recruiting Committee
2013 – 2015	Economics Faculty Recruiting Committee Member
2012 – 2015	Economics Distinguished Majors Program Committee
2012 – 2014	Provost’s Faculty Salary Study Task Force
2012	Politics Department Chair Committee
2008 – 2010	Economics Distinguished Majors Program Committee
2008	Economics Department Chair Committee
2005 – 2007	Economics Distinguished Majors Program Committee
2005 – 2006	Economics Junior Faculty Recruiting Committee

***RAND Corporation:***

2010 – 2012	Bing Center for Health Economics Steering Committee
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**TEACHING EXPERIENCE**

Graduate Public Economics  
 Undergraduate Health Economics  
 Undergraduate Seminar in Policy Analysis

**ADVISING EXPERIENCE*****Doctoral Dissertation Committees:***

Christopher Clapp (2013, Florida State University), Stephanie Demperio (2013, NERA), Jose Fernandez (2008, Snavely Award for Best Dissertation, University of Louisville), Jeffrey Hulbert (2013, Analysis Group), Adam Hyde (2012, Wake Forest University School of Business), Elliott Isaac (in progress), William Johnson (First Reader, 2017, HCCI), Lindsay Flynn (outsider reader, Politics, 2011), Chunwei Lai (2007, Hong Kong Polytechnic University), Scott Laughery (First Reader, 2016, CBO), Brett Lissenden (First Reader, 2017, RTI), Siying Liu (in progress), Steve Trost (2004, US International Trade Commission), Supbhawong Vichaphund (2012, Thai National Science and Technology Development Agency), Michelle Zagardo (in progress), Oleksandr Zhylyevskyy (2008, Iowa State University).

***Undergraduate Research:***

Daniel Amberger (Engineering Major Thesis, 2008), Jessica Chiarello (Economics Distinguished Major Thesis, 2008), Christopher Coleman (Economics Distinguished Major Thesis, 2007), Cliff Cutchins (Economics Distinguished Major Thesis, 2009), Robert Dent (Economics Distinguished Major Thesis, Best Thesis Award, Highest Distinction, Marshall Jevons Award, 2014), Brian Hartman (Economics Distinguished Major Thesis, 2005), Charlotte Heppner (Economics Distinguished Major Thesis, Highest Distinction, 2010), Julia Hughes (Economics Distinguished Major Thesis, 2007), Kathryn Marqueen (Economics Distinguished Major Thesis, 2016), Varun Mehta (Harrison Grant, 2008), Mimi Pham (Marshall Jevons Award, 2013), Shelby Sutton (Economics Distinguished Major Thesis, Highest Distinction, 2013), Sherry Jueyu Wu (Economics Distinguished Major Thesis, 2013).

**PROFESSIONAL PRESENTATIONS (Since 2007)**

2018: AEA Annual Meetings (3 discussions, 1 chaired session, scheduled), Philadelphia, January.

2017: Cornell Economics and Policy Analysis and Management, May.

2016: US Federal Trade Commission, 9<sup>th</sup> Annual Microeconomics Conference, November (discussion); UVA Law School, October; UVA Psychology Department, April.

2015: Federal Reserve Bank of New York, October; US Federal Trade Commission, October; NBER Summer Institute, Law and Economics, Cambridge, July; Yale Law School Symposium on Diversity in the Corporation, May; US Equal Employment Opportunity Commission Data Network Conference, Washington, DC, May.

2014: Purdue University, December; University of Southern Denmark, November; University of South Florida, November; NBER Summer Institute, Economics of Crime,



Cambridge, July; US Equal Employment Opportunity Commission Data Network Conference, Washington, DC, May; CIREQ Applied Economics Conference on Fertility and Child Development, Montreal, April; Virginia Tech, March; MIT, March; Eastern Economic Association Annual Conference, Boston, March (paper, discussion, organized sessions for CSWEP); AEA Annual Meetings, Philadelphia, January (paper, discussion, organized session).

2013: University of Toronto, November; Iowa State University, October; NBER Summer Institute, Economics of Digitization (discussion), Cambridge, July; NBER Conference on the Economics of Digitization (discussion), Park City, Utah, June; IZA and Cass Business School Multidisciplinary Workshop on Leadership, London, May; University of Massachusetts, Amherst, May; Economic Demography Workshop, Population Association of America Annual Meeting, New Orleans, April; Brookings Panel on Economic Activity (discussion), March; George Washington University, March; UVA Quantitative Collaborative, February; AEA Annual Meetings (paper, discussion), San Diego, January.

2012: University of Houston and Rice University, November; RAND Institute for Civil Justice, Board of Overseers Meeting, Arlington, October; University of Zurich, October; Workshop on Health IT and Economics, DC, October; IZA Economics of Leadership Workshop, MIT Sloan, August; Western Economic Association International Annual Conference, San Francisco, July; RAND Board of Trustees Meeting, Arlington, April; Dartmouth Health Policy Workshop, January.

2011: Texas A&M, December; UVA Economics, December; Indiana University, Bloomington, November; Carnegie Mellon University, Heinz College, October; Texas A&M, October; International Women's Forum Trusteeship Meeting, Santa Monica, October; Catalyst Corporate Board Governance Symposium, Toronto, September; Georgia State University, School of Policy Studies, September; Inter-American Development Bank, September; NBER Summer Institute, Law and Economics, Cambridge, July; NBER Summer Institute, Labor Studies, Cambridge, July; Western Finance Association, Santa Fe, June; Workshop on the Empirical Analysis of Family Economics, Denmark, June; Conference on Unexpected Lifecycle Events and Economic Security, Federal Reserve Bank of San Francisco, May; RAND Center for Corporate Ethics and Governance, Advisory Board Meeting, May; Georgia Institute of Technology, April; Harvard University, March; Public Policy and the Economics of the Family Conference, Mount Holyoke College, March; AEA Annual Meetings, Denver, January.

2010: Georgetown Public Policy Institute, November; RAND Institute for Civil Justice, Board of Overseers Meeting, New York, October; Cornell Economics and Policy Analysis and Management, September; NBER Summer Institute, Healthcare Productivity and IT, Cambridge, July; Cornerstone Research, February; RAND Corporation, Arlington, February; Abt Associates, DC, February; Congressional Budget Office, February; NERA, New York and White Plains, January; Compass Lexecon, DC, January; Urban Institute, January; IMPAQ International, January.

2009: UVA Economics, November; UVA Center for Children, Families and the Law, November; Annual Health Economics Conference (discussion), Boston University, October; NBER Summer Institute, Innovation Policy and the Economy (discussion), July; NBER Summer Institute, IT and Productivity, July; ITIF Debate on the Impact of Privacy Laws on Health IT, Washington DC, June; UC Riverside, May; US Federal Trade Commission, April; Brown University, March; Eastern Economic Association Annual Conference, New York, February; Clemson University, February; AEA Annual Meetings, San Francisco, January.

2008: National Tax Association, Philadelphia, November; US Federal Trade Commission, Microeconomics Conference, November; University of Rochester, November; NBER Labor Studies Meeting, October; UVA Economics, September; NBER Summer Institute, Innovation Policy and the Economy, July; ASHE Conference (poster), Duke, June; NBER and Paris School of Economics, Trans-Atlantic Public Economics Symposium (paper, discussion), Paris, June; University of Kentucky, Center for Poverty Research, Small Grants Conference, Lexington, May; US Federal Trade Commission Public Workshop, "Innovations in Health Care Delivery," April; NBER Conference on Demography and the Economy (discussion), Napa, April; Purdue University, April.

2007: Southern Economics Association Meetings (paper, discussion), New Orleans, LA, November; UVA Economics, November; NBER Health Care Meeting, Cambridge, November; UC Merced, October; UVA Risk & Prevention in Education Sciences, October; UNC, Triangle Health Economics Workshop, September; Society of Labor Economists Annual Meetings (paper, discussion), Chicago, May; NBER Education Meeting, Cambridge, May; UVA "Women's Work" Lunch Group, May; Annual Health Economics Conference, Arizona State, March; University of Maryland, March; Olin School, Washington University in St. Louis, February.

### **PRESS MENTIONS INCLUDE**

Atlantic Monthly (12/2016, 08/2016, 08/2013), New York Times (07/31/2016, 06/23/2016, 05/2015, 03/2012), USA Today (08/16/2016), Business Insider (07/2015), Financial Times (03/2015, 09/2012, 03/2009), Bloomberg News (09/16/2014), NPR "On Point" (04/2014), Wall Street Journal (02/2014, 03/2012, 10/2011, 07/2011), Chicago Tribune (12/2013), LA Times (08/2013), Fierce Healthcare (08/2013), Washington Post (03/2013, 03/2012), Slate (03/2012, 12/2005), Atlantic Wire (03/2012), BBC Radio "More or Less" (06/18/2010), Working Mother (11/2011), Fierce EMR (03/2011), Boston Globe (05/2009), Ars Technica (04/2009), Sunday Times (12/2005).