SANDRA E. BLACK

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EDUCATION

Harvard University, Ph.D. in Economics, 1997

Thesis Title: *The Valuation of Human Capital: A Study of Education and Training* Spencer Foundation Fellowship for Research Related to Education, 1995-1996 Edward Chiles Fellowship, 1995
Graduate Fellowship, Harvard University, 1992-1994

University of California at Berkeley, B.A. in Economics with Honors, 1991 Phi Beta Kappa, 1990

RESEARCH FIELDS

Labor Economics
Education Economics

EXPERIENCE

University of Texas at Austin

Audre and Bernard Rapoport Centennial Chair in Economics and Public Affairs Professor of Economics, July 2010-present Visiting Professor, August 2009-July 2010 Department of Economics

Courses Taught: Graduate Labor, Undergraduate Economics of Gender, Undergraduate Econometrics

President's Council of Economic Advisers, Washington, DC

Member, August 2015-January 2017.

University of California at Los Angeles

Professor, July 2009-June 2010 Associate Professor with tenure, July 2006-June 2009 Assistant Professor, September 2001-June 2006 Department of Economics

Courses Taught: Undergraduate Econometrics and Graduate Labor Economics

Norwegian School of Business and Economics (NHH)

Affiliated Professor (II), January 2006-2015, 2017-present Department of Economics

Journal of Human Resources

Editor, Spring 2012-2015 Co-Editor, Spring 2005-2012

Labour Economics

Associate Editor, 2006-2015

National Bureau of Economic Research

Research Associate, 2008-2015 Faculty Research Fellow, 2002-2008 Labor Studies, Education, and Children's Groups

Institute for the Study of Labor (IZA)

Research Fellow, 2002-2015

Population Research Center, University of Texas

Research Affiliate 2010-2015

CESifo Research Network in Education Economics

Inaugural Member and Research Network Fellow, 2010-2015

Stanford Center for the Study of Poverty and Inequality

Fellow, 2007-2015

American Economic Review

Associate Editor, 2011-2012

Review of Economics and Statistics

Associate Editor, 2003-2012

Paris School of Economics

Affiliated Professor, 2009-2011

Federal Reserve Bank of San Francisco

Visiting Scholar, 2003-2009

Federal Reserve Bank of New York

Visiting Scholar, October 2007, June 2014 Senior Economist, August 2000-August 2001 Economist, July 1997-July 2000 Domestic Research Function in the Research and Market Analysis Group

Princeton University

Visiting Research Economist, 2005-6 Academic Year Industrial Relations Section

CREST, Paris, France

Visiting Scholar, Spring 2005

Columbia University

Adjunct Assistant Professor, Spring 2000, Spring 2001 Undergraduate Seminar Course in Public Finance, Labor

Arthur Andersen, Boston

Consultant, 1996

Charles River Associates, Boston

Research Assistant, 1991-1992

PROFESSIONAL ACTIVITIES AND AWARDS

Elected Fellow, Society of Labor Economists, May 2016

Spencer Foundation, "Tracking, Peers and Labor Market Outcomes," (PI) \$49,932, 2015-2017

National Science Foundation, "Collaborative Research: STEM Education Effects on a Diverse Workforce's Development over the Life Cycle," (Co-PI) \$1,618,421, 2013-18

Program Committee, Society of Labor Economics Annual Meetings, 2011-12, 2012-13, 2014-15

Executive Board, Society of Labor Economics 2012-2013

Keynote speaker, Canadian Women in Economics Lunch, Canadian Economics Association Annual Meeting, Montreal, Canada May 2013

Distinguished Visiting Scholar, Harris School of Public Policy, University of Chicago, May 2013

Organizer, Austin-Bergen Labor Economics Conference, May 2013, 2015

Alfred P. Sloan Foundation Grant to follow-up on the High School and Beyond, (Co-PI) ~ \$3,200,145

Keynote Speaker, European Association of Labor Economics, Bonn, Germany, September 2012

Co-Founder and Co-organizer, STATA/Texas Empirical Microeconomics Conference, College Station, TX, September 2011, 2012, 2013, 2014

Alfred P. Sloan Foundation, "Feasibility of a Follow-up Study of the High School and Beyond Respondents," co-Principal Investigator, 2012.

Keynote Speaker, European Society of Population Economics, Hangzou, China, June 2011

Mentor, CSWEP Program, Chicago 2012

National Science Foundation "The Effects of Family Background: Evidence from the U.S. and Norway." (with Paul Devereux) 2004-2007

Nominating Committee, Society of Labor Economists (2005-8)

Florence Gould Foundation Fellowship for Research at Paris-Jourdan Sciences Economiques, 2006, 2009

Warren C. Scoville Distinguished Teaching Award, UCLA, Winter 2004, Winter 2007

Seed Grant, California Center for Population Research (with Paul Devereux) 2004

UCLA Faculty Career Development Award, 2003-4

Fellow, Center for American Politics and Public Policy, UCLA, 2002-2003

UCLA Academic Senate Grant, 2002-2004

UCLA Council on Research 2001-2002 Assistant Professor Initiative

Upjohn Institute for Research Related to Employment Dissertation Award, Honorable Mention, 1997

ACADEMIC PUBLICATIONS

On The Origins of Risk-Taking in Financial Markets, NBER Working Paper #21332, July 2015. (Joint with Paul Devereux, Petter Lundborg, and Kaveh Majlesi). Forthcoming, *Journal of Finance*.

Healthy(?), Wealthy and Wise: Birth Order and Adult Health. *Economics and Human Biology*, December 2016, Volume 23C. (Joint with Paul Devereux and Kjell Salvanes).

Efficacy versus Equity: What Happens When States Tinker with College Admissions in a Race-Blind Era, *Educational Evaluation and Policy Analysis*, June 2016, Volume 38. (Joint with Kalena E. Cortes and Jane Arnold Lincove).

Does Grief Transfer across Generations? Bereavements during Pregnancy and Child Outcomes, *American Economic Journal: Applied Economics*, January 2016, Volume 8, Number 1. (Joint with Paul Devereux and Kjell Salvanes.)

Losing Heart? The Effect of Job Displacement on Health, *Industrial and Labor Relations Review*, Volume 68, Number 4, August 2015. (Joint with Paul Devereux and Kjell Salvanes.)

Can you Leave High School Behind? NBER Working Paper #19842, *Economics of Education Review*, Volume 46, June 2015. (Joint with Jenna Cullinane, Rachel Douglas, and Jane Lincove.)

Academic Undermatching of High-Achieving Minority Students: Evidence from "Race-Neutral" and Holistic Admissions Policies American Economic Review Papers and Proceedings, May 2015. (Joint with Kalena Cortes and Jane Lincove.)

Cash or Care? The Effect of Childcare Subsidies on Academic Outcomes, *Review of Economics and Statistics*, vol 96(5), pages 824-837, 2014. (Joint with Paul Devereux, Katrine Loken, and Kjell Salvanes.)

Under Pressure? The Effect of Peers on Outcomes of Young Adults. *Journal of Labor Economics*, vol 31(1), pages 119-153, 2013. (Joint with Paul Devereux and Kjell Salvanes.)

Too Young to Leave the Nest? The Effects of School Starting Age. *Review of Economics and Statistics*, vol 93(2), pages 455-467, May 2011. (Joint with Paul Devereux and Kjell Salvanes.)

Explaining Women's Success: Technological Change and the Skill Content of Women's Work. *Review of Economics and Statistics*, February 2010. (Joint with Alexandra Spitz-Oener.)

Small Family, Smart Family? Family Size and the IQ Scores of Young Men, *Journal of Human Resources,* Winter 2009. (Joint with Paul Devereux and Kjell Salvanes.)

Like Father, Like Son? A Note on the Intergenerational Transmission of IQ Scores. *Economics Letters*, 105 (2009). (Joint with Paul Devereux and Kjell Salvanes.)

Staying In the Classroom and Out of the Maternity Ward? The Effects of Compulsory Schooling Laws on Teenage Births. *Economic Journal*, July 2008. (Joint with Paul Devereux and Kjell Salvanes.)

From the Cradle to the Labor Market? The Effect of Birth Weight on Adult Outcomes, *Quarterly Journal of Economics*, March 2007. (Joint with Paul Devereux and Kjell Salvanes.)

The More the Merrier? The Effect of Family Size and Birth Order on Children's Education, *Quarterly Journal of Economics*, May 2005. (Joint with Paul Devereux and Kjell Salvanes).

Why the Apple Doesn't Fall Far: Understanding the Intergenerational Transmission of Education, *American Economic Review*, March 2005. (Joint with Paul Devereux and Kjell Salvanes).

Importing Equality? The Effects of Globalization on Gender Discrimination, *Industrial and Labor Relations Review*, 57(4), 540-559, July 2004. (Joint with Elizabeth Brainerd).

What's Driving the New Economy: Understanding the Role of Workplace Practices, *Economic Journal*, 114(493), F97-116, February 2004. (Joint with Lisa Lynch).

How Workers Fare When Employers Innovate, *Industrial Relations*, 43(1), 44-66, January 2004. (Joint with Lisa M. Lynch and Anya Krivelyova).

Entrepreneurship and Bank Structure, *Journal of Finance*, 67(6), 2807-33, December, 2002. (Joint with Philip Strahan).

The Division of Spoils: Rent Sharing and Discrimination in a Regulated Industry, *American Economic Review*, 91(4), 814-31, September 2001. (Joint with Philip Strahan).

How to Compete: The Impact of Workplace Practices and Information Technology on Productivity, *Review of Economics and Statistics*, 83(3), 434-445, August 2001. (Joint with Lisa M. Lynch). Awarded Honorable Mention for the Minnesota Award honoring the best article published in a refereed journal on the role of institutions in the employment relationship or labor market in the last two years.

The Rise of Female Professionals: Women's Response to Rising Skill Demand, *American Economic Review Papers and Proceedings*, 90(2), 450-455, May 2000. (Joint with Chinhui Juhn).

Do Better Schools Matter? Parental Valuation of Elementary Education, *Quarterly Journal of Economics*, May 1999.

Investigating the Link between Competition and Discrimination, *Monthly Labor Review*, December 1999.

Meet The New Borrowers, Federal Reserve Bank of New York *Current Issues in Economics and Finance*, February 1999. (Joint with Donald P. Morgan).

Beyond the Incidence of Training, *Industrial and Labor Relations Review*, 55(1), 64-81, October 1998. (Joint with Lisa M. Lynch).

Measuring the Value of Better Schools, Economic Policy Review, March 1998.

The New Workplace: What Does It Mean for Productivity? *Industrial Relations Research Association Papers and Proceedings*, 60-67, 1998. (Joint with Lisa M. Lynch).

Human Capital Strategy and Productivity Outcomes, *American Economic Review Papers and Proceedings*, 86(2), 263-267, May 1996. (Joint with Lisa M. Lynch).

BOOK CHAPTERS

Recent Developments in Intergenerational Mobility, in <u>Handbook of Labor Economics</u>, Orley Ashenfelter and David Card, editors, North Holland Press, Elsevier, 2011. Also available as NBER Working Paper Number 15889, April 2010. (Joint with Paul Devereux)

Housing Valuation and School Performance, in <u>Handbook of the Economics of Education</u>, Eric Hanushek, Stephen Machin, and Ludger Wossman, editors, North Holland Press, Elsevier, 2011. (Joint with Stephen Machin).

Long Term Trends in Schooling: The Rise and Decline (?) of Public Education in the United States, in Handbook of the Economics of Education, Finis Welch and Eric Hanushek, editors, North Holland Press, 2006. (Joint with Ken Sokoloff).

Measuring Organizational Capital in the New Economy, in Measuring Capital in the New Economy, Carol Corrado, John Haltiwanger and Dan Sichel, editors, University of Chicago Press, 2006. (Joint with Lisa M. Lynch).

Business Formation and the Deregulation of the Banking Industry, in Entrepreneurship and Public Policy, Douglas Holtz-Eakin, editor, MIT Press, January 2004. (Joint with Philip Strahan).

The New Economy and the Organization of Work, in <u>New Economy Handbook</u>, Derek C. Jones, editor, Academic Press Elsevier Science, 2003. (Joint with Lisa M. Lynch).

BOOK REVIEWS

Review of <u>Education in the 21st Century</u>, edited by Edward Lazear. *Journal of Economic Literature*. September 2003; 41(3): 921-23

WORKING PAPERS/WORK IN PROGRESS

Poor Little Rich Kids? The Determinants of the Intergenerational Transmission of Wealth. NBER Working Paper #21409, July 2015. (Joint with Paul Devereux, Petter Lundborg, and Kaveh Majlesi).

This Is Only a Test? Long-Run and Intergenerational Impacts of Prenatal Exposure to Radioactive Downfall, NBER Working Paper #18987, April 2013. (Joint with Aline Bütikofer, Paul Devereux, and Kjell Salvanes). Under revision for *Journal of Political Economy*.

Breaking the Glass Ceiling: The Effect of Board Quotas on Female Labor Market Outcomes in Norway. NBER Working Paper #20256, June 2014 (Joint with Marianne Bertrand, Sissel Jensen, and Adriana Lleras-Muney). Under revision for *Review of Economic Studies*.

Born to Lead? The Effect of Birth Order on Non-Cognitive Skills, (Joint with Erik Grönqvist and Björn Öckert). July 2015, conditionally accepted, *Review of Economics and Statistics*.

Learning to Take Risks? The Effect of Education on Risk-Taking in Financial Markets, NBER Working Paper #21043, March 2015. (Joint with Paul Devereux, Petter Lundborg, and Kaveh Majlesi).

Apply Yourself: Racial and Ethnic Differences in College Application, NBER Working Paper #21368, July 2015. (Joint with Kalena E. Cortes and Jane Arnold Lincove).

Sibling Spillovers, December 2016. (Joint with Sanni Breining, David Figlio, Jonathan Guryan, Krzysztof Karbownik, Helena Skyt Nielsen, David Roth, and Marianne Simonsen).

On the Origins of STEM: The Role of High School STEM Coursework in Occupational Determination and Labor Market Success in Mid-Life, (Joint with Ziwei He, Chandra Muller, and Alexandra Spitz-Oener). July 2015.

Older and Wiser? Birth Order and IQ of Young Men, NBER Working Paper #13237, July 2007. (Joint with Paul Devereux and Kjell Salvanes.)

Who Goes to College? Differential College Enrollment by Race and Family Background, NBER Working Paper 9310, November 2002. (Joint with Amir Sufi).

PRESENTATIONS

2014-2015 Academic Year: Cornell University, University of Maryland, Federal Reserve Board, Princeton University, Stanford GSB, UC Berkeley Haas, Yale University, University of Colorado at Denver, Texas A&M, Columbia Teacher's College, Stanford School of Education, UC Davis, Society of Labor Economics invited session

2013-2014 Academic Year: NBER Summer Institute joint Children's/Labor Studies Session, Federal Reserve Bank of New York, UCSD, Society of Labor Economics, Paris School of Economics, UCL, Northwestern University Conference on Administrative Data, CES-ifo Conference on Education Economics (Munich), University of Arizona

2012-2013 Academic Year: European Association of Labor Economics (Keynote), Federal Reserve Bank of New York, Tulane University, Georgia State, Wellesley, Boston University, RAND, Bocconi University, Einaudi Institute for Economics and Finance (EIEF) Rome, Society of Labor Economics, Harris School of Public Policy, University of Toronto, Scarborough, Canadian Economic Association

2011-2012 Academic Year: University of Michigan, Baylor University, UCSB, Washington University, Vanderbilt, Society of Labor Economists, Stockholm University, Uppsala University, Norwegian School of Business Conference on Labor Economics, Hebrew University Conference on Human Capital

- **2010-2011 Academic Year:** University of Hawaii, Michigan State University, BYU, UC Riverside, American Economic Association Meetings in Denver, CO, University of Tennessee, CES Economics of Education Conference (Munich)
- **2009-2010 Academic Year:** UCLA School of Public Policy, NYU, University of Houston/Rice, Texas A&M, Carnegie Mellon University/Pitt, University of Oregon, UCLA Andersen School of Business, Stockholm University/SOFI
- **2008-2009 Academic Year:** RAND, University of Colorado at Boulder, Northwestern University, Tinbergen Institute (Amsterdam), Humboldt University (Berlin), NBER Labor Studies Summer Institute
- **2007-2008 Academic Year:** Harris School of Public Policy, University of Chicago, University of Rochester, Cornell University, University of Texas, Austin, UC Davis, UC Irvine, Brown University, Federal Reserve Bank of New York, University of Toronto, UC Merced Conference on Inequality
- **2006-2007 Academic Year:** Stanford University, Duke University, Population Association of America, University of Texas, Austin, Case Western Reserve, Notre Dame University, University of Kentucky, Norwegian School of Business, Lecturer, European Science Days in Steyr, Austria
- **2005-2006 Academic Year:** Society of Labor Economics, Princeton University, Federal Reserve Bank of St. Louis, NYU Department of Sociology, Rutgers University, CUNY, Kellogg School of Business, Wharton School of Business, NBER Labor Studies Program Meeting, Tufts University, Brown University, Boston College, Federal Reserve Bank of New York
- **2004-2005 Academic Year:** CREST, Paris, France, University of Aarhus, University of Michigan, UCSB, UCLA, Dartmouth College, Columbia University, Boston University, UC Davis, Federal Reserve Bank of San Francisco
- **2003-2004 Academic Year:** University of Washington, Seattle, Brown University, Columbia University, University of Florida, CREST, Federal Reserve Bank of San Francisco, University of Illinois, Urbana-Champaign, Northwestern University, Duke University, ITAM
- **2002-2003 Academic Year:** Stanford School of Education, UC San Diego, University of Southern California, University of British Columbia, London School of Economics, University of Warwick, Norwegian Conference on Education (Voss, Norway)
- **2001-2002 Academic Year:** UC Irvine, UC Santa Cruz, American Economic Association Meetings, Atlanta, (organized session, presented, and discussed), NBER Labor Studies Summer Institute
- **2000-2001 Academic Year:** Dartmouth College, University of Missouri, University of California at Los Angeles, University College, London, ECARES, Boston College, Michigan State University, Federal Reserve Bank of San Francisco, Visiting Scholar
- **1999-2000 Academic Year:** Society of Labor Economists/European Association of Labor Economists, Milan 2000 (discussed/presented), Texas A&M University, American Economic Association Meetings, Boston, 2000 (organized session and presented), University of Maryland, Syracuse University, NBER

Labor Studies Summer Institute

1998-1999 Academic Year: Federal Reserve Bank of Philadelphia/Brookings Joint Conference on Metropolitan Growth, Bureau of Labor Statistics, Columbia University, American Economic Association Meetings, New York, 1999 (organized session and presented), Hunter College, New York, Federal Reserve Bank of Chicago,

1997-1998 Academic Year: Society of Labor Economists, San Francisco, American Economic Association Meetings, Chicago, Federal Reserve Bank of New York, A Conference on Excellence in Education.

1996-1997 Academic Year: Chicago Business School, Harris School of Public Policy (University of Chicago), Syracuse University, Texas A&M, Barnard College, Santa Clara University, Public Policy Institute of California, RAND, 1997

PROFESSIONAL SERVICE

Member, Liberal Arts Academic Planning Advisory Committee, August 2012-2015

Governance Committee, Population Research Center UT, 2011-2015

Executive Committee, UT, 2011-2015

Graduate Advisor, UT, 2011-2015

Invited Speaker, NOVA, UT, January 2013

Invited Speaker, LAMP, UT, April 2012

Fundraising Talk, New York, September 2011

College of Liberal Arts Gender Council, UT, 2010-present

Recruiting Committee, UT, 2010-present

Graduate Placement Committee, UCLA, 2002-3, 2006-2010

Graduate Fellowship Committee, UCLA, 2006-2009

Member, Faculty Senate Grant Committee, UCLA, 2003

Graduate Admissions Committee, UCLA, 2001-2

Member, American Economic Association

Member, Committee on the Status of Women in the Economic Profession (CSWEP)

Member, Society of Labor Economists

GRADUATE STUDENT ADVISEES

Jeff Denning (Chair, 2015) BYU

Chester Polson (Chair, 2015) FDIC

Qian Lu (Chair, 2015) Edgeworth Consulting

Jenna Culinane (LBJ School, 2014) Ray Marshall Center

Melinda Petre (Chair, 2014) IRP Post-Doc

Julie Pechacek (Chair, 2014) IDA

Marcus Dillender (Chair, 2013) Upjohn Institute

Kaveh Majlesi (Chair, 2012) Lund University

Inkyung Kim (2011)

Shirley Lei (2007) Peking University

Wanchuan Lin (2007) Peking University Leah Brooks (2005) McGill University Pablo Lopez Murphy (2003) World Bank Marina Bassi (2004) World Bank Benjamin Bolitzer (2004) GAO

REFEREE

American Economic Review, Quarterly Journal of Economics, Journal of Political Economy, Review of Economics and Statistics, Review of Economic Studies, Journal of Labor Economics, Journal of Human Resources, Industrial and Labor Relations Review, Industrial Relations, Economic Journal, European Economic Review, Economic Letters, Scandinavian Journal of Economics, National Tax Journal, Economics of Education Review, Real Estate Economics, Journal of Policy Analysis and Management, Economic Inquiry, Current Issues in Economics and Finance, National Science Foundation, among others

January 2017