

## **Joshua D. Angrist (08/2014)**

### **Current Positions**

Ford Professor of Economics, MIT, from July 2008.  
Professor, MIT Economics Department, July 1998-2008.  
Research Associate, National Bureau of Economic Research, from 1994.  
Co-Director, MIT School Effectiveness and Inequality Initiative, from Fall 2011.

### **Previous Positions**

Visiting Professor, Harvard Lab for Economic Applications and Policy, 2011-12.  
Lady Davis Fellow, Hebrew University, 2004-05.  
Associate Professor, MIT Economics Department, 1996-98.  
Associate Professor, Hebrew University Economics Department, 1995-96.  
Visiting Associate Professor, MIT Economics Department, 1994-95.  
Senior Lecturer in Economics, Hebrew University Economics Department, 1991-95.  
Assistant Professor, Harvard University Economics Department, 1989-91.  
Faculty Research Fellow, National Bureau of Economic Research, 1989-94.

### **Education**

Ph.D., Economics, Princeton University, October 1989.  
M.A., Economics, Princeton University, May 1987.  
B.A., Economics with Highest Honors, Oberlin College, June 1982.

### **Teaching, Professional Service, and Public Service**

Teaching, Graduate and Undergraduate Labor Economics and Econometrics, MIT, 1994-95, 1996-2004, 2005-14; Graduate Econometrics and Graduate and Undergraduate Labor Economics, Hebrew University, 1991-96; Graduate Labor Economics and Undergraduate Econometrics courses, Harvard University, 1989-91.

Referee, Addison-Wesley, American Economic Review, Bi-National Science Foundation (Israel), British Journal of Industrial Relations, Canadian Journal of Economics, Cambridge University Press, Contemporary Economic Policy, Econometrica, Economic Journal, Economics of Education Review, The Economic Journal, Industrial and Labor Relations Review, International Economic Review, Journal of the American Statistical Association (Applications; Theory and Methods), Journal of Applied Econometrics, Journal of Business and Economic Statistics, Journal of Econometrics, Journal of the European Economic Association, Journal of Labor Economics, Journal of Human Resources, Journal of Law Economics and Organization, Journal of Political Economy, Journal of Public Economics, MIT Press, National Science Foundation (Economics; MMS), Review of Economic Studies, Review of Economics and Statistics, Review of Social Economy, Quarterly Journal of Economics, Science, The Sloan Foundation, Social Science Research Council (Canada), The Spencer Foundation, Statistics in Medicine.

Member, US Census Bureau Scientific Advisory Committee (2011-12); Consultant to MPR (2012), MDRC, the Sloan Foundation, and to the Brigham and Womens Pharmacoeconomics group, ASSA Program Committee, 2011; 2006-8; World Bank Research Review Panel, 2006; IES Review Panel, 2005-6; SOLE Committee on Fellows and Awards, June 2003; Board of Directors, Falk Institute at Hebrew University, from July 2002; Consultant to SRDC, MDRC and ETS, 2003-4; Social Security Administration Technical Support Group for the 2001 Ticket to Work Evaluation; Program Committee, 2000, 2005, 2010 Econometric Society meetings; Program

Committee, 2010 SOLE/EALE meetings; SSA Technical Support Groups for Policy Evaluation of the Effects of 1996 Welfare Reform Legislation and Changes in SSI Rules for Children with Disabilities (1997-99; 2001); Kennedy School Institute for Peace in the Middle East Refugee Working Group (1997-98); Israel Finance Ministry Working Group on Israeli-Palestinian Labor Market Relations (1994); Consultant for US Department of Labor evaluation of JTPA Title III training programs (Spring 1995); Public Advisory Councils on Statistical Methodology and the 1995 Census, Jerusalem; Consultant, SSA/ASPE Study of the Growth of Applications and Awards for SSDI and DI Benefits (March 1994).

## Research and Writing

### Journal articles (refereed)

“Stand and Deliver: Effects of Boston’s Charter High Schools on College Preparation, Entry, and Choice,” (with Sarah Cohodes, Susan Dynarski, Parag Pathak, and Chris Walters), *The Journal of Labor Economics*, forthcoming, 2015.

“The Elite Illusion: Achievement Effects at Boston and New York Exam Schools,” (with Atila Abdulkadiroglu and Parag Pathak), *Econometrica* 82(1), January 2014.

“When Opportunity Knocks, Who Answers? New Evidence on College Achievement Awards,” (with Phil Oreopoulos and Tyler Williams), *Journal of Human Resources*, forthcoming, 2014.

“Explaining Charter School Effectiveness,” (with Parag Pathak and Chris Walters), *American Economic Journal: Applied Economics*, 5(4), October 2013.

“Who Benefits from KIPP?,” (with Susan Dynarski, Thomas Kane, Parag Pathak, and Chris Walters), *The Journal of Policy Analysis and Management*, Fall 2012.

“Causal Effects of Monetary Shocks: Semiparametric Conditional Independence Tests with a Multinomial Propensity Score” (with Guido Kuersteiner), *The Review of Economics and Statistics*, August 2011.

“Accountability and Flexibility in Public Schools: Evidence from Boston’s Charters and Pilots,” (with A. Abdulkadiroglu, S. Dynarski, T.J. Kane, and P. Pathak), *The Quarterly Journal of Economics*, May 2011.

“Schooling and the Vietnam-Era GI Bill: Evidence from the Draft Lottery,” *American Economic Journal: Applied Economics* (with Stacey Chen), April 2011.

“Did Vietnam Veterans Get Sicker in the 1990s? The Complicated Effects of Military Service on Self-Reported Health” (with Stacey Chen and Brigham Frandsen), *The Journal of Public Economics* 94, December 2010.

“Multiple Experiments for the Causal Link between the Quantity and Quality of Children” (with Victor Lavy and Analia Schlosser), *The Journal of Labor Economics* 28, October 2010.

- “The Effect of High-Stakes High School Achievement Awards: Evidence from a School-Centered Randomized Trial,” (with Victor Lavy), *The American Economic Review*, September 2009 (reprinted in *Field Experiments*, edited by John List and A.C. Samak, Edward Elgar 2014.)
- “Incentives and Services for College Achievement: Evidence from a Randomized Trial,” (with Phil Oreopoulos and Dan Lang), *American Economic Journal: Applied Economics*, January 2009.
- “Does Teacher Testing Raise Teacher Quality? Evidence from State Certification Requirements,” (with Jon Guryan), *The Economics of Education Review*, October 2008.
- “Rural Windfall or a New Resource Curse? Coca, Income, and Civil Conflict in Colombia,” (with Adriana Kugler), *The Review of Economics and Statistics*, May 2008.
- “Is Spanish-only Schooling Responsible for the Puerto-Rican Language Gap?,” (with Aimee Chin and Ricardo Godoy), *The Journal of Development Economics*, February 2008.
- “Quantile Regression Under Misspecification, with an Application to the U.S. Wage Structure,” (with Victor Chernozhukov and Ivan Fernandez-Val), *Econometrica*, March 2006.
- “Instrumental Variables Methods in Experimental Criminological Research: What, Why, and How,” *The Journal of Experimental Criminology*, April 2006.
- “Long-Term Consequences of Secondary School Vouchers: Evidence from Administrative Records in Colombia” (with Eric Bettinger and Michael Kremer), *American Economic Review*, June 2006.
- “Does School Integration Generate Peer effects? Evidence from Boston’s Metco Program,” (with Kevin Lang), *The American Economic Review*, December 2004.
- “When to Control for Covariates? Panel-Asymptotic Results for Estimates of Treatment Effects,” (with Jinyong Hahn), *Review of Economics and Statistics*, February 2004.
- “Protective or Counter-Productive? Labor Market Institutions and the Effect of Immigration on EU Natives,” (with Adriana Kugler), *The Economic Journal*, June 2003; reprinted in A. Morriss, ed., *International Labor and Employment Studies*, Kluwer International.
- “Vouchers for Private Schooling in Colombia: Evidence from a Randomized Natural Experiment,” (with E. Bettinger, E. Bloom, E. King, and M. Kremer), *American Economic Review*, December 2002.
- “New Evidence on Classroom Computers and Pupil Learning,” (with Victor Lavy), *The Economic Journal*, October 2002.
- “How Do Sex Ratios Affect Marriage and Labor Markets? Evidence from America’s Second Generation,” *Quarterly Journal of Economics*, August 2002.

- “Instrumental Variables Estimates of the Effect of Subsidized Training on the Quantiles of Trainee Earnings, (with Alberto Abadie and Guido Imbens), *Econometrica*, January, 2002.
- “Consequences of Employment Protection? The Case of the Americans with Disabilities Act,” (with Daron Acemoglu), *Journal of Political Economy* 109, October 2001.
- “Does Teacher Training Affect Pupil Learning? Evidence From Matched Comparisons in Jerusalem Public Schools,” (with Victor Lavy), *Journal of Labor Economics*, April 2001.
- “Effects of Work-Related Absences on Families: Evidence from the Gulf War,” (with John Johnson), *Industrial and Labor Relations Review*, October 2000.
- "Nonparametric Demand Analysis with an Application to the Demand for Fish," (with Katy Graddy and Guido Imbens), *Review of Economic Studies*, July 2000.
- "Using Maimonides' Rule to Estimate the Effect of Class Size on Student Achievement," (with Victor Lavy), *Quarterly Journal of Economics*, May 1999; reprinted in *The Economics of Schooling and School Quality*, R. Hanushek, ed., Edward Elgar, 2002.
- "Jackknife Instrumental Variables Estimation," (with Guido Imbens and Alan Krueger), *Journal of Applied Econometrics*, January-February 1999.
- “Children and Their Parents’ Labor Supply: Evidence from Exogenous Variation in Family Size,” (with Bill Evans), *American Economic Review*, June 1998; reprinted in *Recent Developments in Labor Economics*, J. Addison, ed., 2007.
- "Estimating the Labor Market Impact of Voluntary Military Service Using Social Security Data on Military Applicants," *Econometrica*, March 1998.
- “Conditional Independence in Sample Selection Models,” *Economics Letters*, February 1997.
- "The Effect of a Change in Language of Instruction on the Returns to Schooling in Morocco," (with Victor Lavy), *Journal of Labor Economics*, January 1997.
- "Short-Run Demand for Palestinian Labor," *Journal of Labor Economics*, July 1996; reprinted in *Recent Developments in Labor Economics*, J.T. Addison, ed., Edward Elgar, 2007.
- "Identification of Causal Effects Using Instrumental Variables," (with Guido Imbens and Don Rubin), *JASA Applications* invited paper, with comments and authors' rejoinder, *Journal of the American Statistical Association*, June 1996.
- "The Economic Returns to Schooling in the West Bank and Gaza Strip," *American Economic Review*, December 1995.
- "Two-Stage Least Squares Estimates of Average Causal Response in Models with Variable Treatment Intensity," (with Guido Imbens), *Journal of the American Statistical Association*, June 1995.

- "Split-Sample Instrumental Variables Estimates of the Return to Schooling," *Journal of Business and Economic Statistics*, (with Alan Krueger), April 1995.
- "Identification and Estimation of Local Average Treatment Effects," (with Guido Imbens), *Econometrica*, March 1994.
- "Why Do World War II Veterans Earn More Than Nonveterans?" (with Alan Krueger), *Journal of Labor Economics*, January 1994.
- "The Effect of Veterans Benefits on Veterans' Education and Earnings," *Industrial and Labor Relations Review*, July 1993.
- "The Effect of Age at School Entry on Educational Attainment: An Application of Instrumental Variables with Moments from Two Samples" (with Alan Krueger), *Journal of the American Statistical Association*, June 1992.
- "Does Compulsory School Attendance Affect Schooling and Earnings?," (with Alan Krueger), *Quarterly Journal of Economics*, November 1991; reprinted in *Labor Economics*, O. Ashenfelter, ed., Edward Elgar Publishing Ltd, 1994; *Economic Demography*, T.P. Schultz, ed., Edward Elgar Publishing Limited, 1997; and the *Worth Series in Outstanding Contributions to Labor Economics*, 1999.
- "The Draft Lottery and Voluntary Enlistment in the Vietnam Era," *Journal of the American Statistical Association*, September 1991.
- "Over-Identification Tests in Earnings Functions with Fixed Effects," (with Whitney Newey), *Journal of Business and Economic Statistics*, July 1991; reprinted in *The Econometrics of Panel Data*, G.S. Maddala, ed., Edward Elgar Publishing Ltd, 1992.
- "Grouped Data Estimation and Testing in Simple Labor Supply Models," *Journal of Econometrics* 47, February/March 1991.
- "Lifetime Earnings and the Vietnam Era Draft Lottery: Evidence from Social Security Administrative Records," *American Economic Review*, June 1990; reprinted in *Labor Economics*, O. Ashenfelter, ed., Edward Elgar Publishing Ltd, 1994.

Review articles, invited papers, and editorial project

- "The Perils of Peer Effects," *Labour Economics*, forthcoming, 2014.
- "The Credibility Revolution in Empirical Economics: How Better Research Design is Taking the Con out of Econometrics," (with Steve Pischke), Comments and discussion by: Michael Keane, Edward Leamer, Aviv Nevo and Michael Whinston, Christopher Sims, and James Stock, *The Journal of Economic Perspectives* 24(2), Spring 2010.
- "Treatment Effects," *The New Palgrave*, 2006.
- "American Education Research Changes Tack," *Oxford Review of Economic Policy*, Summer 2004.

“Treatment Effect Heterogeneity in Theory and Practice,” The Royal Economic Society Sargan Lecture, *The Economic Journal*, March 2004.

“Instrumental Variables and the Search for Identification: From Supply and Demand to Natural Experiments,” (with Alan Krueger), *Journal of Economic Perspectives*, 15, Fall 2001.

“Estimation of Limited-Dependent Variable Models with Dummy Endogenous Regressors: Simple Strategies for Empirical Practice,” *JBES* invited paper, with comments and author’s rejoinder, *Journal of Business and Economic Statistics*, January 2001.

Editor, *Journal of Business and Economic Statistics Symposium on Program and Policy Evaluation*, April 1995, with editor’s introduction.

### Books

*Mastering ‘Metrics: The Path from Cause to Effect* (with Steve Pischke), Princeton University Press, forthcoming, 2015.

*Mostly Harmless Econometrics: An Empiricist’s Companion* (with Steve Pischke), Princeton University Press, 2009.

### Book chapters and other publications

“ExtrapoLATE-ing: External Validity and Overidentification in the LATE Framework,” (with Ivan Fernandez-Val), in D. Acemoglu, M. Arellano, and E. Dekel, eds., *Advances in Economics and Econometrics*, Cambridge University Press: 2013.

“Long-Term Consequences of Vietnam-Era Conscription: New estimates Using SSA Data,” (with Stacey Chen and Jae Song), *AER Papers and Proceedings*, May 2011.

“Inputs and Impacts in Charter Schools: KIPP Lynn,” (with Susan Dynarski, Thomas Kane, Parag Pathak, and Chris Walters), *AER Paper and Proceedings*, May 2010.

“Teacher Testing, Teacher Education, and Teacher Characteristics,” (with Jonathan Guryan), *AER Paper and Proceedings*, May 2004.

“How Large are the Social Returns to Education? Evidence from Compulsory Attendance Laws,” (with Daron Acemoglu), *NBER Macro Annual, No. 15*, 2000, reprinted in *Recent Developments in Growth Theory*, D. Acemoglu, ed., Edward Elgar Publishing Ltd, 2004.

“Empirical Strategies in Labor Economics,” (with Alan Krueger), Chapter 23 in O. Ashenfelter and D. Card, eds., *The Handbook of Labor Economics*, Volume III, North Holland, 1999.

“Schooling and Labor Market Consequences of the 1970 State Abortion Reforms,” (with Bill Evans), *Research in Labor Economics* 18, S. Polachek, ed, Greenwich: JAI Press, 1999.

"Using the Draft Lottery to Measure the Effect of Military Service on Civilian Labor Market Outcomes," *Research in Labor Economics Volume 10*, Edited by Ron Ehrenberg, Greenwich: JAI Press, Inc., 1989.

### Comments

Comment on Rosenbaum's "Covariance Adjustment in Randomized Experiments and Observational Studies," forthcoming, *Statistical Science*, 2002.

Comment on Heckman's "Instrumental Variables: A Study of Implicit Behavioral Assumptions Used in Making Program Evaluations," (with Guido Imbens), in *Journal of Human Resources*, Fall 1999.

### Selected Working papers (unpublished papers or versions not entirely superseded by publications)

"In a Small Moment: Class Size and Moral Hard in the Mezzogiorno," (with Erich Battistin and Daniela Vuri), NBER Working Paper, May 2014.

"Semiparametric Estimates of Monetary Policy Effects," (with Oscar Jorda and Guido Kuersteiner), NBER Working Paper 19355, August 2013.

"Wanna Get Away? RD Identification Away from the Cutoff," (with Miikka Rokkanen), NBER Working Paper 18662, December 2012.

"Long-term Economic Consequences of Vietnam-Era Conscription: Schooling, Experience, and Earnings," (with Stacey Chen), IZA Discussion Paper 3628, August 2008.

"Lead them to Water and Pay them to Drink: An Experiment with Services and Incentives for College Achievement," (with Daniel Lang and Philip Oreopoulos), NBER Working Paper 12790, December 2006.

"Multiple Experiments for the Causal Link Between the Quantity and Quality of Children," (with Victor Lavy and Analia Schlosser), MIT Working Paper 06-26, September 2006.

"The Effect of High School Matriculation Awards: Evidence from Randomized Trials," NBER Working Paper 9389 (with Victor Lavy), December 2002.

"The Palestinian Labor Market Between the Gulf War and Autonomy," MIT Economics Department Working Paper 98-5, May 1998.

"The Effect of Teen Childbearing and Single Parenthood on Childhood Disabilities and Progress in School," (with Victor Lavy), NBER Working Paper 5807, October 1996

"Conditioning on the Probability of Selection to Control Selection Bias," NBER Technical Working Paper No. 181, June 1995.

"The Effect of Military Entrance Criteria on Social Representation in the US Armed Forces," Institute for Research on Poverty, Discussion Paper No. 1017-93, September 1993.

"Wages and Employment in the West Bank and Gaza Strip: 1981-90," Falk Institute for Economic Research in Israel, Discussion paper No. 92.02.

"Estimating the Payoff to Schooling Using the Vietnam-Era Draft Lottery, (with Alan Krueger), NBER Working Paper No. 4067, May 1992.

"Instrumental Variables Estimation of Average Treatment Effects in Econometrics and Epidemiology, NBER Technical Working Paper No. 115, November 1991.

"Sources of Identifying Information in Evaluation Models" (with Guido Imbens), NBER Technical Working Paper No. 117, December 1991.

"Does Labor Supply Explain Fluctuations in Annual Hours Worked?," NBER Working Paper No. 3312, March 1990.

### **Awards, Professional Recognition, and Fellowships**

Thomson Reuters Citation Laureate, October 2013.

John von Neumann Award, presented at the Rajk Laszlo College for Advanced Studies in Budapest, October 2011.

MIT Economics graduate teaching award, Spring 2011.

MIT Economics undergraduate teaching award, Spring 2008.

Honorary Doctorate, The University of St Gallen, St Gallen Switzerland, June 2007.

Elected Fellow, American Academy of Arts and Sciences, October 2006.

Elected Fellow, Society of Labor Economics, May 2006.

Lady Davis Fellow, Hebrew University of Jerusalem, Fall 2004.

Research Fellow, IZA-Bonn, November 2000.

Griliches Prize at the *QJE*, Honorable Mention, 1999.

Elected fellow of the Econometric Society, 1998.

*Review of Economic Studies* post-doctoral tour, 1989.

### **Research Support**

NSF Grant to study the use of school assignment mechanisms for research (with Atila Abdulkadiroglu and Parag Pathak), 2014-17.

The Arnold Foundation, awards to study New Orleans OneApp (2013; with Parag Pathak) and affirmative action in exam schools (2014; with Parag Pathak and Miikka Rokkanen).

The New Schools Venture Fund, award to study charter schools, 2013, with Parag Pathak.

"Impact Evaluation of Financial Aid and Learning Communities," with David Autor, Sally Hudson, and Amanda Pallais (2011-14; funded by the Susan Thompson Buffett Foundation).

"Long-Term Effects of Massachusetts Charter Schools," with Sue Dynarski, Brian Jacon, Parag Pathak, and Chris Walters; IES award March 2012-2015.

"New Instrumental Variables Estimates of the Effect of Schooling and Veteran Status," NSF-funded Census RDC project, with Stacey Chen and Justin McCrary; 2005-7.

Massachusetts Department of Elementary and Secondary Education contract to study charter Schools, 2009-10.

Spencer Foundation grant to study supplemental merit scholarships (with Phil Oreopoulos), 2008-10.

NSF grant to work with matched Census data (with Stacey Chen and Justin McCrary), 2006-11.

NIH (NICHD) R01 grant to study high school matriculation awards, (PI with Victor Lavy), 2004-7.

NBER award to study the Nonprofit Sector (with Kevin Lang), May 2003.

US-Israel Binational Science Foundation Grant, 1997-99 (with Victor Lavy);

Ford Foundation grant to study the Palestinian labor market, 1992-94.

Institute for Research on Poverty at the University of Wisconsin, Small Grants Program 1992.

National Institutes of Health grant, 2000-02 (Key Investigator).

National Science Foundation grant, 1992-94.

National Science Foundation grant, 1990-92 (PI with Alan Krueger).

NSF Dissertation Enhancement Awards (with MIT and Harvard Ph.D. students).

Alfred P. Sloan Doctoral Dissertation Fellowship, 1988-89; Phi Beta Kappa.

### **Editorial Positions**

*SSRN Abstracts: Randomized Social Experiments*, editorial board, (from September 2009)

*American Economic Journal: Applied Economics*, editorial board (from July 2007)

*Journal of Labor Economics*, Co-editor (October 2002-June 2006).

*Labour Economics*, Associate Editor (2006-)

*American Economic Review*, editorial board (2001-03)

*Econometrica*, editorial board, (1994-97)

*Economics Letters*, advisory editor, (1993-2000),

*Journal of Business and Economic Statistics*, Associate Editor, (1992-2001)

### **Empirical Strategies Short Course**

The University of Chile (November 2014), The Norwegian School of Economics (August 2014), Google (April 2014), University of Lausanne (August 2013), Central European University (August 2012); The Bavarian Graduate Program in Economics (March 2012); The University of Zurich (January 2012), Tor Vergata, University of Rome, June 2012 and June 2010; Georgetown Public Policy Institute (June 2011), The University of Southern Denmark, January 2011; The Inter-American Development Bank, July 2010; Gerzensee Study Center Switzerland, Summer 2009; University of Minho, Portugal, Summer 2009; University of Mannheim, Spring 2009; Tor Vergata, Rome, Spring 2009, 2010, and 2012; CEMFI, Madrid, August 2008; DGPE, Aarhus University, August 2006; Universitat Zurich, January 2006; CCER, Peking University May 2006; NAKI workshop for Ph.D. students, Maastricht, December 2004; Hebrew University, January 2003; Universitat Pompeu Fabra, June 2002; IZA Summer School in Labor Economics, Munich, 2002; Uppsala University and IFAU, Sweden, March 2001.

### **Invited Lectures and Selected Other Activities**

The Bogen Lecture, Hebrew University, March 2014.

ASSA Continuing Education (with Alberto Abadie), January 2014.

The Clark Lecture, Queens University, November 2013.

The Adam Smith Lecture, EALE, September 2013.

Visiting Scholar, The Einaudi Institute for Economics and Finance, Summer 2012, 2013, 2014.

The McKenzie Lecture, University of Rochester, May 2012.  
 LACEA/LAMEA, Keynote; Santiago, Chile, November 2011.  
 Wellington Burnham Lecture, Tufts University, October 2011.  
 Impact Evaluation Network 2011, Keynote and guest instructor; Buenos Aires, August 2011.  
 Modern Modeling Methods Conference, Keynote; University of Connecticut, May 2011.  
 Society of Young Economists, Keynote; Groningen, Holland, April 2011.  
 Woody Thompson Lecture, Midwestern Economic Association; St Louis, March 2011.  
 German Statistical Society, Plenary talk; Dortmund, Germany, March 2010.  
 The Society for Political Science Methodology, Keynote; Yale, Summer 2009.  
 LABOUR Lectures; Rome Tor Vergata, May 2008.  
 Visiting Scholar; National Taiwan University, January 2007.  
 Member of CERGE-EI New York State Accreditation and Site Review; Prague, March 2005.  
 Instructor, Beijing University/CCER Workshop for Ph.D. students, April 2005.  
 Smith Chair; Brigham Young University, December 2003.  
 The Sargan Lecture; *Royal Economic Society*, April 2003.  
 Hooker Distinguished Visiting Professor; McMaster University, January 2002.  
 Visiting Scholar, Mathematical Economics Forum; Wake Forest University, February 2002.  
 Visiting Scholar and Instructor: European University Institute; Florence, June 2001.  
 Invited speaker and panelist: Cornell Employment and Disability Policy Institute; October 2001.  
 Statistics Canada: Seminar on Analytical Methods; August 2001.  
 Visiting Scholar: University College London; November 1999.  
 JBES Invited Lecture, American Statistical Association; August 1999.  
 Visiting Scholar: Central Bank of Colombia; Bogota, March 1999.  
 Organizer: Jerusalem Conference on Education Reform (with Victor Lavy); May 1999.  
 Program and Policy Evaluation Workshop: The Urban Institute; December 1998.  
 Instructor (with Charles Manski and Victor Lavy): Jerusalem Evaluation Workshop for non-Academic Researchers, July 1994, May 1995, June 1997.  
 Visiting Scholar: Federal Reserve Board; November 1995.  
 Research Fellow: Centre for Economic Policy Research; London, 1992-95.  
 Director of Research Program in Human Resources: Falk Institute; Jerusalem (1991-4).

### **Professional Affiliations**

American Economic Association, American Statistical Association, Econometric Society,  
 Population Association of America, Society of Labor Economists.