

**Petra Elisabeth Todd**  
**Curriculum Vitae**

**Address:** Department of Economics  
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**Positions:**

University of Pennsylvania, Edward J. and Louise W. Kahn Term Professor of Economics, 2017-present  
University of Pennsylvania, Alfred L. Cass Term Chair Professor of Economics, 2010-2016  
University of Pennsylvania, Professor of Economics, 2006-2010  
University of Pennsylvania, Associate Professor of Economics, 2002-2006  
University of Pennsylvania, Assistant Professor of Economics, 1996-2002

**Degrees:**

Ph.D. 1996 (Economics) University of Chicago  
M.A. 1991 (Economics) University of Chicago  
B.A. 1989 (Economics and English) University of Virginia

**Honors and Awards:**

Keynote speaker for IAEE conference, 2019 (Cyprus)  
Keynote speaker for IEEE conference, 2019 (Italy)  
Committee Member awarding the Jacob Mincer prize (JOLE)  
Elected Fellow of the Society of Applied Econometrics  
Keynote speaker for IPFF Conference, 2018 (in Finland)  
Keynote speaker at Board of Governors Microeconometrics Conference, 2018  
Keynote speaker at Canadian Economics Association meetings in Montreal, 2018  
Keynote speaker at conference at the Federal Reserve Board of Governors, 2018  
Semi-plenary speaker for summer meetings of the Econometric Society, 2017  
Committee Member selecting papers for CSWEP sessions and choosing Bennet Prize Award, 2017  
Committee Member awarding the 2014 Frisch medal  
Elected fellow of the Society of Labor Economists (SOLE), 2010  
Elected fellow of the Econometric Society, 2009  
Keynote speaker for IEEE conference in Italy, 2011  
Keynote speaker at conference at Georg-August-Universität Göttingen University, 2011  
Keynote speaker for conference in Cairo, Egypt 2010  
Keynote speaker for the annual meeting of Chilean economists, Chile, 2008

Plenary speaker for summer meetings of the Econometric Society, 2007  
Plenary speaker for conference at Göttingen University, 2005  
Plenary speaker for Active Labor Market Conference at the Institute für Arbeitsmarkt und Berufsforschung (IAB), Nuremberg, 2005  
Speaker at National Academy of Sciences on Economic Approaches to Evaluating Interventions in Criminal Justice, 2004  
Kravis Award for Distinction in Undergraduate Teaching, University of Pennsylvania, 1998, 2004  
Honorary Masters Degree, University of Pennsylvania, 2003  
Invited guest speaker for Camp Resources Conference, Wilmington, NC, 2000  
Century Fellowship, University of Chicago, 1989-1994  
Phi Beta Kappa, University of Virginia, 1988  
Echols Scholar, University of Virginia, 1985-1989

### **Grant Awards**

PARC Trio Award, with Weilong Zhang, 2016  
National Science Foundation (2012-2015) with Kenneth Wolpin  
National Institute of Health (2012-2013) with Jens Ludwig and Lawrence Katz  
Spencer Foundation Award (approx \$400,000) with Kenneth Wolpin and Jere Behrman  
National Science Foundation grant (2009-2012) with Elena Krasnokutskaya  
PARC Trio Award, with Aureo de Paula, 2007  
MRRC Award , 2007, 2008  
NIH grant (\$1.3 million, 2004-2009) (PI: Petra Todd, co-investigators Jere Behrman, Eugenio Miravete, Olivia Mitchell, Mark Pauly, and David Bravo).  
National Science Foundation Grant Award (2006-2008, with Nicola Persico, coinvestigator)  
National Science Foundation Grant Award (PI: Petra Todd, co-investigators: Nicola Persico and Jan Eeckhout (2004-2006)  
PARC Award, University of Pennsylvania, with David Bravo (2005)  
PARC Award, University of Pennsylvania (2005)  
Mellon Award, University of Pennsylvania, with David Bravo (2005)  
PARC Award, University of Pennsylvania, with Susan Parker and Luis Rubalcava (2004)  
Mellon Award, University of Pennsylvania, with Susan Parker and Luis Rubalcava (2004)  
TIAA-CREF, with John Knowles (2004)  
PARC/Bittner Award, University of Pennsylvania, with John Knowles and Andrew Postlewaite (2003)  
National Science Foundation Grant with Kenneth I. Wolpin (2001-2003)  
University of Pennsylvania Research Foundation Grant (2000)  
American Bar Foundation (1999-2000) with James Heckman  
National Science Foundation Grant # SBR-9730688 with Hidehiko Ichimura (1998-2000)

## Refereed Publications

- "A Dynamic Model of Personality, Schooling and Occupational Choice," with Weilong Zhang, forthcoming in *Quantitative Economics*.
- "Product Choice under Government Regulation: The Case of Chile's Privatized Pension System," with Elena Krasnokutskaya and Yiyang Li, *International Economic Review*, June, 2018.
- "Personality Traits, Intra-household allocation and the gender wage gap," with Christopher Flinn and Weilong Zhang, *European Economic Review*, Vol. 109, 191-220.
- "Estimating a Coordination Game in the Classroom" with Kenneth I. Wolpin, *Journal of Political Economy*, October, 2018.
- "Conditional Cash Transfers: The Case of Progres/Oportunidades," with Susan Parker, *Journal of Economic Literature*, Vol. 55, No. 3, 866-915.
- "Assessing the performance of nonexperimental estimators for evaluating the impact of Head Start" with Drew Griffen, *Journal of Labor Economics*, Vol. 35(S1) (2017), S7-S63.
- "Teacher Quality in Public and Private Schools Under a Voucher System: The Case of Chile" with Jere Behrman, Michela Tincani and Kenneth Wolpin, *Journal of Labor Economics*, 34, no. 2 (Part 1, April 2016): 319-362.
- "Aligning Learning Incentives of Students and Teachers: Results from a Social Experiment in Mexican High Schools," with Jere Behrman, Susan Parker and Kenneth Wolpin, *Journal of Political Economy*, 2015, Vol. 123, No. 2, 325-364.
- "How Beliefs about HIV Status affect Risky Behaviors: Evidence from Malawi" with Áureo de Paula, Gil Shapira, *Journal of Applied Econometrics*. DOI: 10.1002/jae.2342
- "Are Conditional Cash Transfers Effective in Urban Areas? Evidence from Mexico" with Jere Behrman, Jorge Gallardo-Garcia, Susan Parker, and Viviana Velez-Grajales, *Education Economics*, 2012, Volume 20, Issue 3., pp. 233-259.
- "Sex with stitches, the resumption of sexual activity during the post-circumcision healing period in Zambia," 2012, with Hewett, Paul C., Hallett, Timothy B., Mensch, Barbara S., Dzekedzeke, Kumbutso, Zimba-Tembo, Susan, Garnett, Geoffrey P. in *Aids*, 26(6):749-756.
- "Do Conditional Cash Transfers for Schooling Generate Lasting Benefits?" with Jere R. Behrman and Susan W. Parker, *Journal of Human Resources*, 2011, Vol. 46, Issue 1, 93-122.
- "Effects of school voucher reform on education and labor market performance: Evidence from Chile's universal voucher system," with David Bravo and Sankar Mukhopadhyay, *Quantitative Economics*, August, 2010, Volume 1, Issue 1, 47-95.

- “Do Human Capital Enrichment Programs Reduce Poverty and Inequality? The Case of *Oportunidades* in Mexico,” 2011, with Douglas McKee, *Estudios de Economia*, vol. 38, 67-100.
- “A Theory of Optimal Random Crackdowns” with Jan Eeckhout and Nicola Persico, *American Economic Review*, 2010, volume 100, issue 3, pg. 1104.
- “A Note on Adapting Propensity Score Matching and Selection Models to Choice Based Samples” with James Heckman, 2009, *Econometrics Journal*, Royal Economic Society, Vol 12(s1), p. S230-234.
- “Schooling Impacts of Conditional Cash Transfers on Young Children: Evidence from Mexico,” with Jere Behrman and Susan Parker, *Economic Development and Cultural Change*, April, 2009, Vol. 57, No. 3: 439-477: PMC2832207.
- “Medium-Term Impacts of the *Oportunidades* Conditional Cash Transfer Program on Rural Youth in Mexico,” in Stephan Klasen and Felicitas Nowak-Lehmann, eds, *Poverty, Inequality and Policy in Latin America*, Cambridge, MA: MIT Press, 219-270.
- “Earnings Functions and Rates of Return,” with James J. Heckman and Lance Lochner, *Journal of Human Capital*, Vol. 2, p. 1-31, 2008.
- “Learning from the Chilean Experience: The Determinants of Pension Switching,” with Olivia Mitchell in *Overcoming the Saving Slump: How to Increase the Effectiveness of Financial Education and Savings Programs*, ed. Annamaria Lusardi, University of Chicago Press, 2009.
- “The Hit Rates Test for Racial Bias in Motor Vehicle Searches,” with Nicola Persico, *Justice Quarterly*, 25(1) March 2008, pp. 37-53
- “Ex-Ante Evaluation of Social Programs” with Kenneth I. Wolpin, *Annales d’Economie et de Statistique*, 2008, July-Dec, 263-292.
- “The Production of Cognitive Achievement in Children: Home, School and Racial Test Score Gaps” with Kenneth I. Wolpin, *Journal of Human Capital*, Vol. 1, 2007.
- “Assessing the Impact of a School Subsidy Program in Mexico Using Experimental Data to Validate a Dynamic Behavioral Model of Child Schooling” with Kenneth I. Wolpin, *American Economic Review*, 2006, 96(5): 1384–1417.
- “Generalizing the Hit Rates Test for Racial Bias in Law Enforcement, with an Application to Vehicle Searches in Wichita,” with Nicola Persico, *Economic Journal*, Vol. 116, Issue 515, Nov, 2006, F351-F367.
- “Progressing through PROGRESA: An Impact Assessment of a School Subsidy Experiment in Mexico” with Jere Behrman and Piyali Sengupta, *Economic Development and Cultural Change*, Oct., 2006, Vol. 54, No. 1, p.237-275.

- “Does Matching Overcome Lalonde’s Critique of Nonexperimental Estimators?” with Jeffrey Smith, *Journal of Econometrics*, 125(1-2), March-April, 2005, 305-353.
- “Evaluating Preschool Programs when Length of Exposure to the Program Varies: A Nonparametric Approach” with Jere Behrman and Yingmei Cheng, *Review of Economics and Statistics*, vol. 86, No. 1, February 2004, pp. 108-32.
- “On the Specification and Estimation of the Production Function for Cognitive Achievement” with Kenneth I. Wolpin, *Economic Journal*, February, 2003, pp. F3-F33.
- “The Schooling of Southern Blacks: The Roles of Legal Activism and Private Philanthropy, 1910-1960. with James Heckman and John Donohue, *Quarterly Journal of Economics*, February, 2002, pp. 225-268.
- “Racial Bias in Motor Vehicle Searches: Theory and Evidence” with John Knowles and Nicola Persico, in *Journal of Political Economy*, February, 2001, pp. 203-229.
- “Identification of Treatment Effects by Regression-Discontinuity Design” with Jinyong Hahn and Wilbert Van der Klauww, *Econometrica*, February, 2001, pp. 201-209.
- “A Test of Lazear’s Mandatory Retirement Model” with Steven Stern, *Research in Labor Economics*, Volume 19, 2000, pp. 253-273.
- “Characterizing Selection Bias using Experimental Data” with James Heckman, Hidehiko Ichimura and Jeffrey Smith, *Econometrica*, Vol. 66, September, 1998, pp. 1017-1098.
- “Matching as an Econometric Evaluation Estimator” with James Heckman and Hidehiko Ichimura, *Review of Economic Studies*, Vol. 65(2), April, 1998, pp. 261-294.
- “Matching as an Econometric Evaluation Estimator: Evidence from Evaluating a Job Training Program” with James Heckman and Hidehiko Ichimura, *Review of Economic Studies*, Vol. 64(4), October, 1997, pp. 605-654.
- “Human Capital Pricing Equations with an Application to Estimating the Effect of Schooling Quality on Earnings” with J. Heckman and A. Layne-Farrar in *Review of Economics and Statistics*, Nov., 1996, pp. 562-610.

### **Nonrefereed Publications**

- “Incentives for Students and Parents” with Jere R. Behrman and Susan W. Parker, forthcoming in “Educational Policy in Developing Countries: What Do We Know, and What Should We Do to Understand What We Don’t Know?”, ed. Paul Glewwe, University of Minnesota.
- “The Structural Estimation of Behavioral Models: Discrete Choice Dynamic Programming Methods and Applications,” with Kenneth I. Wolpin and Michael Keane, 2010, Handbook

- of Labor Economics , ed. David Card and Orley Ashenfelter, Volume 2, Elsevier, p. 332-461.
- Book review of Ariel Fisbein et al. (2009)'s book *Conditional Cash Transfers: Reducing Present and Future Poverty*, in *Journal of Inequality*. Volume 9, Issue 3, 465-468.
- "Structural Estimation and Policy Evaluation in Developing Countries," with Kenneth I. Wolpin, *Annual Review of Economics*, ed. Charles Manski.
- "Effectiveness of Alternative Strategies for Improving Educational Outcomes in Developing Countries", IDSC Working Paper #6, <http://www.idsc.gov.eg/Upload/Documents/200/EN/WPS-6.pdf>.
- "Legal Activism, Private Philanthropy, and the Schooling of Southern Blacks, 1910-1960." with James Heckman and John Donohue, reprinted in *Analyzing Law's Reach: Empirical Research on Law and Society*, American Bar Foundation, 235-268.
- "Evaluating Social Programs with Endogenous Program Placement and Selection of the Treated," in *Handbook of Development Economics*, Vol. 4, ed. T. Paul Schulz and John A. Strauss, chapter 60, Elsevier, 2008, p. 3847-3894.
- "Implementing Nonparametric and Semiparametric Estimators" with Hidehiko Ichimura, *Handbook of Econometrics*, ed. J. J. Heckman and E. Leamer, Volume 6, Elsevier, 2007.
- "Earnings Functions, Rates of Return and Treatment Effects: The Mincer Equation and Beyond" with James Heckman and Lance Lochner, *Handbook of Education Economics*, Vol. 1, ed. E. Hanushek and F. Welch, chapter 7, Elsevier, 2006.
- "The Chilean Pension Reform Turns 25: Lessons from the Social Protection Survey," 2007 with Alberto Arenas de Mesa, David Bravo, Jere R. Behrman, and Olivia S. Mitchell, in *Lessons from Pension Reform in the Americas*, ed. Stephen J. Kay and Tapen Signha, Oxford University Press.
- "racial profiling," *The New Palgrave Dictionary of Economics*. Second Edition. Eds. Steven N. Durlauf and Lawrence E. Blume. Palgrave Macmillan, 2008.
- "matching estimators." *The New Palgrave Dictionary of Economics*. Second Edition. Eds. Steven N. Durlauf and Lawrence E. Blume. Palgrave Macmillan, 2008.
- "Passenger Profiling, Imperfect Screening and Airport Security," with Nicola Persico, *American Economic Review Papers and Proceedings*, 2005, 95:22, 127-131.
- "Reconciling Conflicting Evidence on the Performance of Propensity Score Matching Estimators" with Jeffrey Smith, *American Economic Review, Papers and Proceedings*, May 2001, 112-118.

Comment on “Estimation of limited-dependent variable models with binary endogenous regressors: simple strategies for empirical practice” by Joshua D. Angrist, in *Journal of Business and Economic Statistics*, 2001.

“Understanding Black-White Wage Differentials, 1960-1990” with James Heckman and Thomas Lyons, in *American Economic Review, Papers and Proceedings*, May 2000, pp. 344-349.

“Randomness in the experimental samples of Progesa (Education, Health and Nutrition Program),” with Jere Behrman, IFPRI report:  
[http://www.ifpri.org/sites/default/files/publications/behrmantodd\\_random.pdf](http://www.ifpri.org/sites/default/files/publications/behrmantodd_random.pdf)

“Does Measured School Quality Really Matter?” with J. Heckman and A. Layne-Farrar in *Does Money Matter? The Link Between Schools, Student Achievement and Adult Success*, ed. Gary Burtless, Brookings Institution, Washington, DC, 1996, pp. 192-289.

“Sources of Selection Bias in Evaluating Social Programs: An Interpretation of Conventional Measures and Evidence on the Effectiveness of Matching as a Program Evaluation Method” with James Heckman, Hidehiko Ichimura and Jeff Smith in *Proceedings of the National Academy of Sciences*, Nov. 1996, pp. 13416-13420.

### **Other Manuscripts under Submission or in the Revise/Resubmit Stage and Working Papers**

*Impact Evaluation in Developing Countries: Theory, Methods and Practice*, with Paul Glewwe, book manuscript under review (commissioned by the World Bank).

“How Cognitive Skills and Personality Traits Affect Healthy Habits: A Longitudinal Analysis using HILDA,” with Annalisa Marini, paper under submission.

“Assessing risk compensation post-voluntary medical male circumcision in Zambia,” with Paul Hewett and Nicolas Grau, working paper.

“How Cash Transfers Affect Fertility, Marriage, and Early Childhood Investments: Evidence on Young Women in Malawi” with Sarah Baird, Berk Ozler, Gil Shapira, working paper (incomplete).

“How the Design of a Pension System Influences Old Age Poverty and Gender Equity: A Study of Chile’s Private Retirement Accounts System” with Clement Joubert, working paper.

“The Effectiveness of Interventions Aimed at Improving Women's Employability and Quality of Work: A Critical Review of Impact Evaluation Results,” World Bank working paper #WPS6189.

“How to Improve Women's Employability and Quality of Work in Developing and Transition Economies,” manuscript.

“Within-Family Treatment Effect Estimators: The Impact of Oportunidades on Schooling in Mexico,” with Susan W. Parker and Kenneth I. Wolpin, working paper.

“Local Linear Approaches to Program Evaluation using a Semiparametric Propensity Score,” manuscript.

“Evaluating the Effect of an Antidiscrimination Law Using a Regression-Discontinuity Design” with Jinyong Hahn and Wilbert van der Klauww, NBER working paper #7131.

“Understanding the Contribution of Legislation, Social Activism, Markets, and Choice to the Economic Progress of African Americans in the Twentieth Century” with J. Heckman, manuscript.

### **Professional Activities/Affiliations:**

CEMENT, 2018

Member, Selection Committee of Society of Labor Economists, 2017, 2018

Co-editor of *Quantitative Economics*, 2014-2017

Co-editor of *Journal of Economic Literature*

Associate Editor for *American Economic Review*, 2008-2010

Associate Editor for *Journal of Human Capital*, 2007-2013

Co-Editor of the *International Economic Review*, 2002-2008

Associate Editor of *Review of Economics and Statistics*, 2003-2007

Associate of Population Studies Center, Univ. of Pennsylvania, 1996-present

Research Associate of the Population Studies Center, 1997-present

Member, National Bureau of Economic Research, 1997-present

Academic Advisory Board of the Hudson Institute, 2005

Visiting Scholar Federal Reserve Bank of Philadelphia, Fall 2003 and Fall 2004

Research Affiliate of Institut zur Zukunft der Arbeit (IZA) in Bonn, Germany

Member, Selection Committee of the North American Econometric Society Meetings, Boston, Jan, 2006

Member, Selection Committee of the North American Econometric Society Meetings, Chicago, Jan, 2007

Member, Selection Committee of the North American Econometric Society Meetings, Philadelphia, 2013

Member of the Committee for the Economic Status of Women in the Economics Profession, 2012

Member of NSF Review Panel, 2005-2007

Member of NIH Review Panel, 2004, 2006, 2007, 2008, 2009, 2010, 2011, 2018

Member IES Review Panel 2017, 2018

### **Short-term Visiting/Teaching**

Jinan University, Guangzhou, China (for HCEO, Univ of Chicago) 2018

New Economic School in Moscow (for HCEO, Univ of Chicago), 2017

New York University, Spring semester 2017



Bonn (for HCEO, Univ of Chicago), 2016  
Shanghai (for the World Bank), 2016  
Bank of Italy – Perugia, 2016  
New York University, fall semester 2015  
Bavarian Graduate School of Economics, 2015  
U Catholica (Milan), 2014  
Uppsala University, 2014  
Shanghai, 2014  
Peking University (for HCEO, University of Chicago), 2013  
Yale University, 2013  
University of Witswatersrand (S. Africa), 2012  
Bergen Business School, 2012  
Northwestern University, Dept of Economics, 2005  
University of Copenhagen, Dept of Economics, 2004  
University of Western Ontario, Dept of Economics, 2004  
University of Bergen (Norway), Dept of Economics, 2004  
Catholica University, Chile, 2000.  
IZA, 2002

### **Classes Taught:**

Graduate Labor Economics, Graduate Micro Econometrics, Undergraduate Labor Economics, Undergraduate Advanced Micro Econometrics, Undergraduate Honors Thesis Seminar, Short Courses in Program Evaluation Methods, Integrated Studies Course on Poverty (for freshmen).

### **Seminar and Conference Presentations**

**Conferences:** American Economics Association Meetings, 1996-2017, Midwest Econometrics Group, 1997, Midwest Economics Association Meetings, 1998, NBER, 1997, 1998, 2000, APPAM 1997, Institute for Research on Poverty, 1997, 1998, 1999, 2000, Rand 1996, American Statistics Association Meetings (discussant), 1999, Conference at Hebrew University, 1999, American Economics Association, Boston, 2000, Lehigh University Some Kind of Freedom Conference, World Congress Econometric Society Meetings in Seattle, 2000, American Economics Association, New Orleans, 2001, National Bureau of Economic Research Summer Institute, 2001, Camp Resources Conference, North Carolina, 2001, IZA Summer Conference (Munich), Latin American and Caribbean Economic Association (LACEA) 2001 (Santiago), 2002 (Madrid), NSF Conference on Evaluation (2003), PIER Conference on Crime, 2003, Northwestern Conference on Racial Profiling, 2004, Bellagio Conference for Handbook of Agricultural Economics, 2005, Bocconi University (Milan, Italy), 2006, Institute for Research on Poverty (IRP), 2006, IDB Conference on Poverty and Inequality (Santiago, Chile), 2006, SITE (Stanford, 2007), Society of Economic Dynamics (Istanbul, 2009), Conference for Handbook of Labor Economics, Vol. 4 (Berkeley, 2009), Milton Friend Institute Conference (2010), Conference at University of Chicago Law School (2010), IDSC Conference (Egypt, 2010), festschrift conference in honor of James Heckman

and Univ. of Chicago (Nov. 2010), IWAAE conference in southern Italy (2011), conference in at Georg-August-Universität Göttingen University, 2011, Sicily, 2017, SOLE meetings in Toronto (2018), Canadian Economics Association Meetings in Montreal (2017), Cowles Conference (2018)

**Seminars:** 1996-2002: University of Chicago, University of Pennsylvania, Johns Hopkins, Yale, Virginia, Princeton, Brown, Duke, UC San Diego, Georgia, Pittsburgh, Kennedy School, Maryland, New York University, Wisconsin, Catholic University (Chile), Hebrew University, Delaware, Maryland, Georgetown University Law School, Ohio State, Lehigh Univ., Minnesota, World Bank, Rochester, Harvard University, Michigan State University, Georgia State University, Cornell University, Penn State University, Indiana University, Inter-American Development Bank

2003/2004 - Yale, Chicago, Stanford, Wharton, Berkeley, Indiana, AEA meeting in San Diego, Northwestern, Institute for Research on Poverty Conference (Wisconsin), Duke, Tinbergen (Amsterdam), International Food Policy Research Institute (IFPRI) (Washington, DC), Univ of Western Ontario, University of Bergen (Norway), University of Toulouse (France)

2004/2005 - UCLA, UCSD, Harvard (Econ), Harvard (Kennedy School), Northwestern, Washington University at St. Louis, Carnegie Mellon University, Queens University (Canada), Johns Hopkins University, Rockefeller Center (Milan), IAB in Nuremberg, University of Göttingen.

2005/2006 – Penn State, Columbia, Minnesota Federal Reserve Bank, Harris School at the University of Chicago, University of Washington, Columbia University, World Bank.

2006/2007 – Vanderbilt University, Brown University, Columbia University, Yale, Rice, University of Houston, Texas A&M, University of Virginia, University of Wisconsin, University of Buffalo

2007/2008 - Washington University at St. Louis, Rochester University, University of Wisconsin

2008/2009 – University of Maryland, Yale University, University of Colorado, University of Toronto, NYU

2009/2010 – Princeton University, Georgia State, Penn State, Washington University St. Louis, Drexel University, World Bank

2010/2011 – Duke University, Syracuse University, SUNY- Buffalo, Bergen School of Business (Norway), Bank of Italy, Bocconi University

2011/2012 – Carnegie Mellon, Stonybrook, University of Illinois, Witswatersrand University (S. Africa)

2012/2013 –Claremont McKenna, Washington University St. Louis, Yale, Columbia University, Georgetown University

2013/2014 - Michigan State, Johns Hopkins University, NYU, University of Chicago

2015/2016 – CITY University New York, University of North Carolina, New York University, Washington University in St. Louis, University of Chicago

2016/2017 – Plenary speaker at a conference in Bogota, University of Notre Dame, Rice University, University of Tennessee, week long visitor at University of Chicago (gave two lectures), plenary speaker for summer meetings of the Econometric Society at Washington University, St. Louis

2017/2018 – University of Bonn, UCL, SOLE meetings (Toronto), Plenary speaker at Canadian Economic Association (Montreal)), Plenary speaker at IIPF conference (Tampere, Finland)

2018/2019 - Rochester University, Toulouse School of Economics, Johns Hopkins University, University of Western Ontario (extended visitor), Federal Reserve Bank of Chicago, Bocconi (in Milan), Stockholm University, Cambridge University, Warwick University

**Ph.D. Dissertation Advisees:** Angeliki Kourelis, Fannie Tseng, Jeffrey Yau, Jorge Gallardo-Garcia, Viviana Velez-Grajales, Hyojung Koo, Michaela Gulametova-Swann, Olivia Ceccarini, Javier Gonzales, Shalini Roy, Moran Bluestein, Clement Joubert, Geena Kim, Gil Shapira, Moran Bluestein, Drew Griffen, Nicholas Grau, Anton Badev, Jaesung Choi, Danni Catambay, Rossa O’Keefe-O’Donovan, Rodrigo Azuero, Weilong Zhang, Marjorie Rutherford, Zahra Mohammadi, Toban Wiebe, Hanna Wang, Gabrielle Vasey, Michal Hoder, Nitin Krishnan, Angel Iglesias Diaz

**Ph.D. Dissertation Committees:** Reuven Shnaps, Michael Morris, John Heinz, Murat Kirdar, Donghoon Lee, Sean Campbell, Morris Davis, Ariana Degan, Claudia Olivetti, Elena Pastorino, Ryo Okui, Mari Sakudo, Sankar Mukhopadhyay, Cesar Oroscos, Fali Huang, Melissa Tartari, Ahu Gemeci, Daniela Iorio, Claudio Lucarelli, Marco Cosconati, Qiang Pan, Nicola Tosini, Hailey Joo, Eleanor Harvill, David Russo, David Mann-Podrasky, Naoki Wakamori, Chao Fu, Michela Tincani, Pilar Alcade, Sophie Cho, Matt Cook, Rong Hai, YinYin Yu, Caroline Liu, Ami Ko, Qing Gong, Yiran Chen, Minji Bang, Alejandro Sanchez, Stefano Pietrosanti,

## Collaborators

James Heckman (University of Chicago), Hidehiko Ichimura (Tokyo University), Kenneth Wolpin (University of Pennsylvania), Jere Behrman (University of Pennsylvania), Jeffrey Smith (University of Michigan), Jinyong Hahn (UCLA), Olivia Mitchell (Wharton), Aureo de Paula (University of

Pennsylvania), Nicola Persico (NYU), Jan Eeckhout (University of Pennsylvania), Wilbert Van der Klaauw (New York Federal Reserve Bank), Flavio Cunha (University of Pennsylvania), Douglas McKee (Yale University post doc), Sankar Mukhopadhyay (University of Nevada), Gil Shapira (Penn graduate student), Yingmei Cheng (Florida State), David Bravo (University of Chile), Lance Lochner (University of Western Ontario), Susan Parker (CIDE in Mexico City), Michael Keane (University of Technology, Sydney), Ludwig Ressner (University of Munchen), Paul Hewett (Population Council-Zambia), Clement Joubert (World Bank), John Donahue (Yale Law School), Aureo de Paula (University of Pennsylvania), Gil Shapira (World Bank), Paul Glewwe (University of Minnesota), Weilong Zhang (U Penn PhD student now at Cambridge University), Annalisa Marini (Exeter U), Elena Krasnokutskaya (Johns Hopkins University), Paul Hewett (Population Council), Nicolas Grau (University of Chile), Christopher Flinn (NYU), Drew Griffen (U of Tokyo)

### **Administrative Assignments:**

CUE (Committee for Undergraduate Education), 2018, 2019  
FCAA Committee, 2016, 2017, 2018, 2019  
Co-Chair of Graduate Admissions Committee (U Penn), 2017, 2018, 2019  
Faculty Senate, 2017, 2018, 2019  
Undergraduate Chair, 2005-2011  
Senate Committee on the Economic Status of the Faculty, 2010-2011  
SAS Trustee and Budget Committee, 2009-2010  
SAS Personnel Committee 2006-2008  
SAS Graduate Committee, 2006-2008  
Undergraduate Chair of the Economics Department, 2004-present  
Undergraduate Executive Committee, 2004-present  
Graduate Executive Committee, 2005-2007  
Graduate Prize Committee, 2003-2007  
Designated Advisor to Undergraduates Considering Graduate School  
Senate Committee on the Economic Status of the Faculty, 2004-2008, 2010  
SAS Curriculum Committee, 2002-2003  
SAS Quantitative Data Analysis Committee, 2004-2005

### **Consulting and Other Activities**

Mexico City, Mexico – attended two-day World bank meeting regarding long-term impact evaluation of Progres/Oportunidades/Prospero

Jimin University, China – gave lectures as part of HCEO on dynamic modeling at the New Economic School (June, 2018)

Wallace Foundation – provided advice on design of a matching evaluation of a new principal supervision program.

Moscow, Russia – gave lectures as part of HCEO on dynamic modeling at the New Economic School (2017)

Institute for Education Sciences Review Panel (2015, 2016, 2017, 2018)

Bonn, Germany – gave lectures as part of HCEO on dynamic modeling at University of Bonn.

United Nations (2012) – prepared and presented manuscript “How to Improve Women's Employability and Quality of Work in Developing and Transition Economies”

World Bank (2011, 2014, 2016) – Designed a 10-day course in evaluation methods together with Paul Glewwe and taught the course in South Africa in July/August of 2012 and in Shanghai, 2014 and 2016.

Mathematica – 2016 - advised on establishing criteria for evaluating applications of regression discontinuity methods, for Education Department's What Works Clearinghouse.

Mexico -2015 – designed the sampling frame for an incentives experiment in 88 Mexican high schools (with three treatments)

Summit Consulting (2011, 2012) – Consulted on methods of evaluating Department of Labor Strategies for improving compliance with wage and hours regulations.

Chilean government (2010-2011) – Wrote paper/report analyzing the effect of the 2008 pension reform on labor supply and savings behavior

Bergen Business School (2011) – taught a one week mini course in program evaluation methods to about 30 PhD students from Scandinavian countries.

IZA Summer School (2010) – Taught a five day course in ex ante and ex post methods for evaluating social programs to 35 European PhD students from various countries.

Population Council (2009-2014) – Assisted in the design of the evaluation, the sampling design and in the design of the survey instrument for a Gates Foundation funded project that provides opportunities and incentives for adult males to be circumcised in Zambia and Swaziland as a strategy for reducing HIV transmission rates. Analyzed four rounds of data.

IDB (2008-2011) Assisted in the design and implementation of an educational incentive program in Mexico. The program randomized 88 highschools into one of three treatment groups and a control group and gathered data on student performance, study habits and teacher teaching methods.

IDB (2009) Worked on dynamic modeling project studying optimal levels of conditional cash transfers for the Oportunidades.

Member of the Advisory Board for the Courant Center 'Poverty, Equity, and Growth in Developing and Transition Countries, Göttingen University, 2007-present.

Member of the Advisory Board to the Subsecretary of the Ministry of Education in Mexico on programs related to high school education reforms, 2006-2009.

World Bank (2009) – prepared manuscript “Effectiveness of Interventions Aimed at Improving Women's Employability and Quality of Work: A Critical Review of Impact Evaluation Studies”

Millennium Challenge Corporation (2006). Assisted in design of impact evaluations of several program interventions in El Salvador and Mongolia. The programs evaluated including infrastructure improvements (building a train line, electrification, building a new highway), educational programs, public health interventions, and agricultural subsidy programs.

World Bank (2006) Taught three-day course on program evaluation methods (randomized and observational).

Rand Corporation (2006) Reviewed evaluation of No Child Left Behind program and its impact on educational performance of children in special education.

INSP, Mexico City (2004-2005) Performed evaluation of the Oportunidades program on urban youth educational outcomes, chose sample for nonexperimental matching evaluation.

SEDESOL (2002-2004) Serve on advisory committee for Mexican government on topics related to the evaluation of social programs.

INSP (Mexico City, MX) (2003-2006) Selected a matched sample of localities for the evaluation of the Oportunidades program and participated in the design and implementation of the evaluation.

Wyeth Pharmaceuticals (2003) Consulted on using matching estimators to evaluate the effects of alternative pharmaceutical marketing strategies and their impact on pharmaceutical sales.

International Food Policy and Research Institute (2000-2001) Performed analysis of sample size requirements and analyses of impacts on education and test scores with regard to the PROGRESA school subsidy program in Mexico.

Department of Justice, Civil Rights Division (2000-2001) Performed analysis of racial discrimination in traffic citations by an urban police force.

Inter-American Development Bank (1999-2000) Served as an advisor to a Brazilian government agency in the preparation of a proposal for the evaluation of the school subsidy and training programs (called PETI) and Agente Joven and the health program Bolsa Alimentacio. The programs are designed to increase school-going.

Inter-American Development Bank (1999-2001) Served as advisor on research network on impact of training policies in Latin America and the Caribbean. Participated in meetings related to evaluation of Oportunidades social program in Mexico.

World Bank (1998-1999) Performed impact analysis of day care program in Bolivia using

nonexperimental methods.

PROGRESA, Mexico City (1997) Statistical consultant on the implementation of the randomization in a Mexican school subsidy experiment (Progresa) that randomized 506 villages in or out of the program.

**Personal:** US Citizen

**Language Skills:** German, some French, a little Spanish and a little Russian