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## BIOGRAPHICAL SKETCH

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NAME: Jason Abrevaya

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eRA COMMONS USER NAME: abrevaya

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POSITION TITLE: Professor and Chair, Department of Economics

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### EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	Completion Date MM/YYYY	FIELD OF STUDY
Harvard University, Cambridge, MA	AB	06/1992	Mathematics & Economics
Massachusetts Institute of Technology, Cambridge, MA	PhD	06/1996	Economics

### A. Personal Statement

I am an economist whose research focuses on econometric methodology and applied microeconomic research, with an emphasis on health economics and public-health issues. My recent work in econometrics on several issues prevalent in all social sciences, including estimation in the presence of missing data and estimation of treatment effects. My applied work has considered the effects of smoking upon birth outcomes, the effects of state mandates upon vaccination rates, and gender selection prevalence among different ethnicities in the United States. Overall, my research fits within the following PRC primary research areas: Population Health and Reproductive Health.

Over the next five years, I expect my research agenda to include several different topics that also align with the PRC's main priorities. I will continue my work on missing-data issues and treatment-effect estimation, focusing upon settings where longitudinal data are available. The methodologies developed will be of great interest to demographers, sociologists, economists, and public-health researchers. In the areas of demography and public health specifically, I have just started projects on the following issues: the effects of state Universal Purchase programs upon vaccination rates; the causal effect of fertility (i.e. number of children) upon mother's labor-market outcomes; and, the differential levels of gender selection in the United States among subgroups of specific ethnic/racial categories.

In my role as department chair for the Economics Department, I have worked closely with the PRC on supporting the research of my department's faculty and on collaborative recruiting efforts. The number of research associates within Economics has grown steadily over the last five years, and the research efforts of these faculty members are supported in a crucial way by the PRC. Our faculty have also benefited immensely from the PRC grant administration and Scientific & Technical Core staff.

### B. Positions and Honors

#### Positions and Employment

1996-2000	Assistant Professor, Graduate School of Business, University of Chicago, Chicago, IL
2000-2002	Associate Professor, Graduate School of Business, University of Chicago, Chicago, IL
2002-2007	Associate Professor, Department of Economics, Purdue University, West Lafayette, IN
2005-2007	Director of Graduate Studies and Area Coordinator, Purdue University, West Lafayette, IN
2007-Present	Professor, Department of Economics, The University of Texas at Austin, Austin, TX
2008-Present	Faculty Research Associate, Population Research Center, The University of Texas at Austin, TX
2011-Present	Chair, Department of Economics, The University of Texas at Austin, Austin, TX
2015-Present	Murray S. Johnson Chair in Economics, Department of Economics, The University of Texas at Austin, TX

#### Other Experience and Professional Memberships

2006-2012	Associate Editor, <i>Empirical Economics</i>
2006-2016	Associate Editor, <i>Journal of Business and Economic Statistics</i>
2008-Present	Associate Editor, <i>Journal of Applied Econometrics</i>
2010-Present	Editor (Founding Co-Editor), <i>Journal of Econometric Methods</i>
2013-Present	Associate Editor, <i>Journal of Econometrics</i>

Present Member: Econometric Society, American Economic Association  
 Present Referee/Reviewer: *American Economic Journal: Applied Economics, American Economic Review, American Journal of Political Science, American Journal of Public Health, Annals of Finance, Annals of the Institute of Statistical Mathematics, Annual Review of Economics, BE Journal of Economic Analysis and Policy, Biometrics, Computational Statistics and Data Analysis, Demographic Research, Demography, Eastern Economic Journal, Econometric Reviews, Econometrics Journal, Econometric Theory, Econometrica, Economica, Economic Development and Cultural Change, Economic Inquiry, Economics Letters, Economic Theory, Empirical Economics, European Economic Review, European Research Council, Experimental Economics, Games and Economic Behavior, Health Economics, Industrial and Labor Relations Review, International Economic Review, International Journal of Industrial Organization, Journal of Applied Econometrics, Journal of Business, Journal of Business and Economic Statistics, Journal of Development Economics, Journal of Econometrics, Journal of Economic Education, Journal of Health Economics, Journal of Human Capital, Journal of Human Resources, Journal of Population Economics, Journal of Productivity Analysis, Journal of Sports Analytics, Journal of Sports Economics, Journal of Statistical Planning and Inference, Journal of the American Statistical Association, Journal of the Economic Science Association, National Science Foundation, Oxford Bulletin of Economics and Statistics, Pediatrics, Political Analysis, Population Research and Policy Review, Preventive Medicine, Production and Operations Management, Quarterly Journal of Economics, Review of Economics and Statistics, Research Grants Council of Hong Kong, Review of Economic Studies, Robert Wood Johnson Foundation, Sankhya, Scandinavian Journal of Statistics, Social Science and Medicine, Southern Economic Journal, Statistica Sinica, Telecommunications Policy Journal, Transportation Research (Part B)*

### **Honors**

1997 Honorable Mention, Zellner Thesis Award in Business and Economic Statistics  
 2000-2001 IBM Corporation Scholar, University of Chicago Graduate School of Business  
 2002-2003 John & Mary Willis Young Faculty Scholar, Purdue University, Krannert School of Management  
 2005-2007 University Faculty Scholar, Purdue University  
 2012 Cialdini Award for Contributions in Field Research in Social Psychology, Society for Personality and Social Psychology

### **C. Contributions to Science**

#### **1. The effects of socioeconomic characteristics and maternal behavior upon birth outcomes**

The effects of birth inputs on birthweight: evidence from quantile estimation on panel data (with Christian Dahl), 2008, *Journal of Business and Economic Statistics*, 26: 379-397.

Trends and determinants of second-pregnancy smoking among young-adult mothers who smoked during their first pregnancy, 2008, *Nicotine and Tobacco Research*, 10: 951-957.

Estimating the effect of smoking on birth outcomes using a matched panel-data approach, 2006, *Journal of Applied Econometrics*, 21: 489-519.

The effects of demographics and maternal behavior on the distribution of birth outcomes, 2001, *Empirical Economics*, 26: 247-257.

#### **2. Statistical estimation in the presence of missing or mismeasured data**

A GMM approach for dealing with missing data on regressors and instruments (with Stephen Donald), forthcoming, *Review of Economics and Statistics*.

The projection approach for unbalanced panel data, 2013, *Econometrics Journal*, 16: 161-178.

Response error in a transformation model with an application to earnings-equation estimation (with Jerry Hausman), 2004, *Econometrics Journal*, 7: 366-388.

Semiparametric estimation with mismeasured dependent variables: an application to duration models for unemployment spells, 1999, *Annales d'Economie et de Statistique*, 55/56: 243-275 (with Jerry Hausman).

Misclassification of the dependent variable in a discrete-response setting, 1998, *Journal of Econometrics*, 87: 239-269 (with Jerry Hausman and Fiona Scott-Morton).

### **3. Effect of state-level taxation or mandates upon health behaviors**

Taxes, cigarette consumption, and smoking intensity: comment (with Laura Puzello), 2012, *American Economic Review*, 102: 1751-1763.

Effectiveness of state-level vaccination mandates: evidence from the varicella vaccine (with Karen Mulligan), 2011, *Journal of Health Economics*, 30: 966-976.

### **4. Statistical estimation in longitudinal (or panel) data models**

Estimation of censored panel-data models with slope heterogeneity (with Shu Shen), 2014, *Journal of Applied Econometrics*, 523-548.

Rank estimation of a generalized fixed-effects regression model, 2000, *Journal of Econometrics*, 95: 1-23.

Leapfrog estimation of a fixed-effects model with unknown transformation of the dependent variable, 1999, *Journal of Econometrics*, 93: 203-228.

The equivalence of two estimators of the fixed-effects logit model, 1997, *Economics Letters*, 55: 41-43.

## **D. Research Support**

### **Ongoing Research Support**

None at present.

### **Completed Research Support**

None at present.