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Current Position

Associate Professor, Department of Economics, Eller College of Management, University of Arizona, July 2004-present.

Previous Positions

Visiting Associate Professor, Department of Economics, Harvard University, January 2009-May 2009.

Associate Professor, Department of Economics, University of Miami, July 2001–July 2004 (with tenure, June 2003).

Assistant Professor, Department of Economics, UCLA, July 1998–July 2001.

Education

Harvard University, Ph.D. in Economics, November 1998.

Harvard University, M.A. in Economics, November 1996.

Yale University, B.A. in Economics, Summa Cum Laude, June 1992.

Publications

“Design of Randomized Experiments to Measure Social Interaction Effects,” (with J. Hahn), 2009, forthcoming in *Economics Letters*.

“Adaptive Design of Multiple Stage Experiments Using the Propensity Score,” (with J. Hahn and D. Karlan), 2009, forthcoming in *Journal of Business and Economic Statistics*.

“Asymptotics for Statistical Treatment Rules,” (with J. R. Porter), 2009, *Econometrica* 77(5): 1683-1701.

“Decision Theory in Econometrics,” 2008, in *The New Palgrave Dictionary of Economics*, Second Edition, Eds. Steven N. Durlauf and Lawrence E. Blume, Palgrave Macmillan.

“The Propensity Score with Continuous Treatments,” (with G. Imbens), 2004, in *Applied Bayesian Modeling and Causal Inference from Incomplete-Data Perspectives*, ed. A. Gelman and X.-L. Meng, New York: Wiley.

“Asymptotic Efficiency in Parametric Structural Models with Parameter-Dependent Support,” (with J. R. Porter), 2003, *Econometrica* 71, 1307-1338.

“Efficient Estimation of Average Treatment Effects using the Estimated Propensity Score,” (with G. Imbens and G. Ridder), 2003, *Econometrica* 71, 1161-1189. Earlier version appeared as NBER Technical Working Paper 251.

“Semiparametric Bayesian Inference in Autoregressive Panel Data Models,” 2002, *Econometrica* 70, 781-799. (Previous version circulated under the title “Semiparametric Bayesian Models for Dynamic Earnings Data.”)

“Combining Panel Data Sets with Attrition and Refreshment Samples,” (with G. Imbens, G. Ridder, and D. Rubin), 2001, *Econometrica* 69, 1645-1659. Earlier version appeared as NBER Technical Working Paper 230.

“Estimation of Causal Effects using Propensity Score Weighting: An Application to Data on Right Heart Catheterization,” (with G. Imbens), 2001, *Health Services and Outcomes Research Methodology* 2: 259-278.

“Assessing the Effect of an Influenza Vaccine in an Encouragement Design with Covariates,” (with G. Imbens, D. Rubin, and X. Zhou), 2000, *Biostatistics* 1, 69-88.

“Predictive Distributions based on Longitudinal Earnings Data,” (with G. Chamberlain), 1999, *Annales d'Économie et de Statistique* 55-56, 211-242.

“A Semiparametric Model for Labor Earnings Dynamics,” in *Practical Nonparametric and Semiparametric Bayesian Statistics*, ed. D. Dey, P. Mueller, D. Sinha, New York: Springer-Verlag, 1998.

Working Papers

“Impossibility Results for Nondifferentiable Functionals,” (with J. R. Porter), 2009.

“Supplement to ‘Asymptotics for Statistical Treatment Rules’” (with J. R. Porter), 2009.

“The Buy-it-now Option, Risk Aversion, and Impatience in an Empirical Model of EBay Bidding,” (with D. Ackerberg and Q. Shahriar), 2006.

“Efficiency in Asymptotic Shift Experiments,” (with J. R. Porter), 2003.

Awards and Grants

APS Professorship, University of Arizona, 2008-present.

McCoy/Rogers Fellowship, University of Arizona, 2005-2006, 2006-2007, 2007-2008.

Eller Fellowship, University of Arizona, 2004-2005.

National Science Foundation CAREER Grant SES-0226164, “Bayesian Econometric Modeling and Nonparametric Identification,” 2000-2004. Formerly listed as Grant SES-9985257.

Excellence in Research Award, University of Miami School of Business, August 2002.

Mitchell Prize (sponsored by the American Statistical Association Section on Bayesian Statistical Science, the International Society for Bayesian Analysis, and the Mitchell Prize Founders’ Committee), 2001, for article “Assessing the Effect of an Influenza Vaccine in an Encouragement Design with Covariates,” joint with G. Imbens, D. Rubin, and X. Zhou.

UCLA Academic Senate Grant, 1998-1999, 1999-2000, 2000-2001.

Warren C. Scoville Distinguished Teaching Award, UCLA, Fall 1999.

Co-winner of Zellner Thesis Award, Business and Economics Statistics Section of the American Statistical Association, 1999.

Harvard University Committee on Undergraduate Education (CUE) Certificate for Distinction in Teaching, spring 1996, spring 1997, spring 1998. Awards based on student evaluations.

Harvard Graduate Student Council Conference Grant, summer 1997. (To attend the *Conference on Bayesian Nonparametrics*, Belgirate, Italy.)

Harvard Economics Department Grant, September 1996–May 1997.

National Science Foundation Graduate Research Fellowship, September 1993–August 1996.

Elected to Phi Beta Kappa, Yale University, 1991.

Teaching

Graduate Courses: Quantitative Methods for Economics, Econometrics, Causal Inference and Program Evaluation, Topics in Econometrics, Empirical Workshop (University of Arizona), Topics in Econometrics; Advanced Econometrics, Applied Econometrics (University of Miami); Topics in Econometrics, Introduction to Econometrics (UCLA).

Undergraduate Courses: Introduction to Econometrics (Harvard); Intermediate Microeconomics, Economic Data Analysis (University of Miami); Applied Regression Analysis, Introduction to Econometrics (UCLA).

Faculty Affiliate, Graduate Interdisciplinary Program in Statistics, University of Arizona, 2006-present.

Executive Committee, Graduate Interdisciplinary Program in Statistics, University of Arizona, 2007-present.

Advising: Member of Committee for

- Hongjai Rhee, Ph.D. in Economics, UCLA, 1999.

- Catarina Sismeiro, Ph.D. in Marketing, UCLA, 2002.
- Paul Gift, Ph.D. in Economics, UCLA, 2002.
- Yue Xu, Ph.D. in Economics, University of Miami, 2005 (primary advisor).
- Alexandre Moltchanov, Ph.D. in Economics, University of Miami, 2006.
- Sarah Hoffman, M.A. in Mathematics, University of Arizona, 2006.
- Carmen Carrion, Ph.D. Agricultural Economics, University of Arizona, 2007.
- Quazi Shahriar, Ph.D. in Economics, University of Arizona, 2007.
- Tim Davies, Ph.D. in Economics, University of Arizona, 2007.
- Jed Brewer, Ph.D. in Economics, University of Arizona, 2007.
- Todd Sorensen, Ph.D. in Economics, University of Arizona, 2007.
- Chung Choe, Ph.D. in Economics, University of Arizona, 2008.
- Ivan Maryanchyk, Ph.D. in Economics, University of Arizona, 2009.

Teaching Fellow (Harvard University): graduate econometrics (fall 1996, fall 1997); undergraduate econometrics (spring 1996, spring 1997, spring 1998); computer consulting (1995, 1996).

Teaching Assistant (Harvard Summer School): undergraduate econometrics (summer 1994).

Editing and Refereeing

Co-Editor, *Journal of Business and Economic Statistics*, 2009-present.

Associate Editor, *Journal of Business and Economic Statistics*, 2006-2009.

Refereeing: *American Economic Review*, *The American Statistician*, *Berkeley Electronic Journals in Economic Analysis and Policy*, *Biometrics*, *Biometrika*, *Communications in Statistics–Theory and Methods*, *Computational Statistics and Data Analysis*, *Econometrica*, *Econometric Journal*, *Econometric Review*, *Econometric Theory*, *Economic Journal*, *Economics Letters*, *Empirical Economics*, *International Economic Review*, *Journal of Applied Econometrics*, *Journal of Business Economics and Statistics*, *Journal of Econometrics*, *Journal of Human Resources*, *Journal of Statistical Planning and Inference*, *Journal of the American Statistical Association*, *National Science Foundation*, *Psychological Methods*, *Quarterly Journal of Economics*, *Research Grants Council of Hong Kong*, *Review of Economics and Statistics*, *Review of Economic Studies*, *Social Sciences and Humanities Research Council of Canada*, *Southern Economic Journal*, *Statistical Science*, *Value in Health*.

Other Academic Service

Chair, Statistics GDP Colloquium Series, University of Arizona, 2009-2010.

Junior Faculty Mentoring Committees, Department of Economics, University of Arizona, 2004-2010.

Recruiting Committees, Department of Economics, University of Arizona, 2004-2010.

Zellner Thesis Award Committee, 2008.

Undergraduate Quantitative Skills Task Force, Eller College of Management, 2006-2007.

Econometric Society World Congress Program Committee, 2005.

Textbook reviewer, Cambridge University Press, 2003.

Recruiting Committee, Department of Economics, University of Miami, 2001-2002.

Recruiting Committee, Department of Economics, UCLA, 2000-2001.

Roundtable leader, NIMH All Centers Meeting, April 2000, UCLA.

Computer Committee, Department of Economics, UCLA, 1999-2000.

IEI (Instruction Enhancement Initiative) coordinator, Dept. of Economics, UCLA, 1998-1999.

Textbook Proposal Reviewer, W.W. Norton, 1998.

Other Work Experience

Statistical consultant, NIMH Grant “R01: Heterogeneity among unobserved (underlying) subpopulations in mental health research,” Principal Investigator Dr. Booil Jo, Stanford School of Medicine.

Consultant, Health Care for Communities, June-August 1999.

Research Assistant, Harvard University, Spring 1994-Spring 1998.

Freshman Counselor, Jonathan Edwards College, Yale University. Fall 1991–Spring 1992. Resident counselor for first-year students at Yale College.

Summer Analyst, Investment Banking Group, Lehman Brothers Division, Shearson Lehman Brothers Inc., Tokyo, Japan. Summer 1991.

Summer Intern, Finance Division, American Express, Tokyo, Japan. Summer 1990.

Personal Information

Citizenship: Japanese; Permanent Resident of the U.S.

Date of Birth: June 13, 1970.

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