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**Education**

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**Ph.D. in Economics, University of California at Berkeley, May 2005.**

**M.A in Statistics, University of California at Berkeley, May 2003.**

**M.A in Economics, El Colegio de México, A.C (Mexico), June 1999.**

**B.A in Economics, ITESM, Campus Monterrey (Mexico), May 1996.**

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**Employment**

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**Current Position**

Assistant Professor of Economics, University of Wisconsin Madison: July 2009-present.

**Past Positions**

Assistant Professor of Economics, Princeton University: July 2005-June 2009.

**Visiting Positions**

Visiting Associate in Economics. California Institute of Technology: April-June 2007.

Visiting Professor. El Colegio de México: June-August 2008, 2009, 2011.

Visiting Professor. Centro de Investigación y Docencia Económicas (CIDE): June-August 2011.

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**Research Papers**

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**Published and Accepted Papers**

“The Identification Power of Equilibrium in Simple Games” (joint with Elie Tamer). *Journal of Business and Economic Statistics*. Volume 26, Number 3, July 2008. pp:261 – 283. (Published with comments and with rejoinder).

“Pairwise Difference Estimation with Nonparametric Control Variables” (joint with Bo E. Honore and James L. Powell). *International Economic Review*. Volume 48, Issue 4, 2007. pp: 1119 – 1158. Reprinted in *Economics to Econometrics: Contributions in Honor of Daniel L. McFadden*, Manski, C.F. and W. Newey (eds.), Blackwell Publishing.

“Semiparametric Estimation of a Simultaneous Game with Incomplete Information” *Journal of Econometrics*. Volume 157, Number 2, August 2010. pp:409 – 431. (Winner of the 2011 Dennis Aigner Award for the most significant applied paper published in the *Journal of Econometrics*, 2010-2011).

“Nonparametric Probability Bounds for Nash Equilibrium Actions in a Simultaneous Discrete Game”. *Quantitative Economics*. Volume 2 (2), July 2011, pp:135 – 171.

“Pairwise Difference Estimation of Incomplete Information Games” (forthcoming, *Journal of Econometrics*).

### **Working Papers and Work in Progress**

“Identification and Inference in Ascending Auctions with Correlated Private Values”, with Amit Gandhi and Dan Quint (resubmitted to *Econometrica*)

“Semiparametric Efficiency in Models with Rational Expectations and Strategic Interactions” (revise and resubmit, *Journal of Econometrics*)

“Are Private Values Really Independent: Evidence from USFS Timber Auctions”, with Amit Gandhi and Dan Quint (in preparation)

“Using Rationalizable Bounds for Conditional Choice Probabilities as Control Variables” (in preparation)

### **Awards**

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2011 Dennis Aigner Award for the most significant applied paper published in the *Journal of Econometrics*.

National Science Foundation Grant No. SES-0922062, “Identification Results in Interaction Models with Nonparametric Payoffs and Weakly Consistent Beliefs”. (2009 – 2012). Amount: \$192,834.00.

National Science Foundation Grant No. SES-0718409 (later SES-0946894), “Econometric Analysis of Strategic-Interaction Models under Flexible Behavioral Assumptions”. (2007 – 2010). Amount: \$106,587.00.

Maude P. and Milton J. Shoemaker Fellow in Economics. University of Wisconsin, Madison.

Dean’s Normative Time Fellowship, U.C. Berkeley (2004).

Continuing Student Fellowship, Economics Department, U.C. Berkeley (2003).

UC Institute for Mexico and the United States (UC Mexus) Graduate Fellowship (2003-2004).

Conacyt (Mexico) Graduate Fellowship (1999-2003).

### **Conferences and Seminars**

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#### **Conferences attended as presenter or discussant**

*2005*

Econometric Society World Congress at University College London (presenter); Greater New York metropolitan Area Econometrics Colloquium at Columbia University (presenter).

*2006*

North American Winter Meetings of the Econometric Society. Boston, MA (discussant); Conference on Econometrics and Experimental Economics at Northwestern University (presenter); Latin American Meetings of the Econometric Society at ITAM, Mexico City (presenter).

*2007*

Copenhagen Econometrics Summer Workshop (presenter, unable to attend due to scheduling conflicts); “Auctions and Games: A Conference for the Journal of Econometrics Annals Issue” at Virginia Tech (presenter and discussant).

*2008*

North American Winter Meetings of the Econometric Society, New Orleans, LA (presenter).

*2009 and 2010*

SITE, Stanford University (presenter); MERSIH at Harvard University (presenter); AEA Winter Meetings in Atlanta (presenter); Southern Economic Association.

### **Conferences organized**

*2008*

Greater New York Metropolitan Area Econometrics Colloquium December 6, 2008. Princeton University (Co-organized with Ulrich Mueller and Andriy Norets).

### **Seminar Presentations** (all Economics departments)

*2004*

University of California, Berkeley; El Colegio de Mexico.

*2005*

Princeton University; University of California, San Diego; Carnegie Mellon University; New York University; Simon Fraser University (Canada); Oxford University (Nuffield College and St. John’s College); California Institute of Technology; University of Pennsylvania; Harvard-MIT.

*2006*

Yale University; London School of Economics; University of Virginia; Northwestern University; Rice University; Texas A&M University; Cornell University.

*2007*

Penn State University; University of California, Berkeley; Stanford University; California Institute of Technology; Princeton University. Upcoming: University of Texas, Austin; University of Maryland; Georgetown University; Penn State University; University of California, Los Angeles.

*2008*

University of California, Los Angeles; University of Arizona; University College, London; Columbia University; Rice University; University of Wisconsin, Madison; University of Toronto.

*2009 and 2010*

Northwestern University, University of Michigan, Yale University, Manheim, Toulouse

*2011*

Boston College, Rochester, New York University, Ohio State.

## Teaching Experience

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*University of Wisconsin:*

### **Undergraduate**

ECON 310.- Statistics: Measurement in Economics (Fall 2009, Fall 2010).

### **Graduate (Ph.D)**

ECON 718.- Topics-Applied Econometrics (Spring 2010, Spring 2011).

*Princeton University:*

### **Undergraduate**

ECO 312.- Econometrics: A Mathematical Approach (Fall 2005, 2006, 2007).

### **Graduate (Ph.D)**

ECO S500.- Mathematics for Economists (Fall 2005, 2006, 2007).

ECO 519.- Advanced Econometrics: Nonlinear Models. (Spring 2006, 2007, 2008).

## Refereeing Work

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Referee for: *Econometrica*, *Review of Economic Studies*, *Journal of Econometrics*, *Econometric Theory*, *Journal of Business and Economic Statistics*, *International Economic Review*, *Journal of Applied Econometrics*, *Games and Economic Behavior*, *Journal of Industrial Economics*, *Review of Economics and Statistics*, *Journal of the American Statistical Association*. Reviewer for the National Science Foundation.