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## **Education**

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

Dissertation Title: “On the Econometrics of Simultaneous Games”.

Main Advisors: James L. Powell and Guido W. Imbens.

**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, Instituto Tecnológico de Monterrey (Mexico), May 1996.**

## **Employment**

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### **Current Position**

Assistant Professor. Economics Department, Princeton University: July 2005-present.

### **Visiting Positions**

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

## **Research Papers**

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### **Accepted Manuscripts**

“The Identification Power of Equilibrium in Games” (joint with Elie Tamer). Forthcoming, *Journal of Business and Economic Statistics* (to be published with comments and rejoinder).

“Pairwise Difference Estimation with Nonparametric Control Variables” (joint with Bo E. Honore and James L. Powell). Forthcoming, *International Economic Review*. This paper will be reprinted in the forthcoming book *Economics to Econometrics: Contributions in Honor of Daniel L. McFadden*, Manski, C.F. and W. Newey (eds.), Blackwell Publishing.

### **Working Papers and Work in Progress (September 2007)**

“Semiparametric Estimation of a Simultaneous Game with Incomplete Information” (submitted)

“Pairwise Difference Estimation of Incomplete Information Games” (submitted)

“Semiparametric Efficiency in Models with Rational Expectations and Strategic Interactions” (submitted)

(Working Papers and Work in Progress, cont.)

“Inference in Models with Rationalizable Actions”

“Using Rationalizable Bounds for Conditional Choice Probabilities as Control Variables”

“Consistent Specification Tests for Regular Equilibrium Models”

“Estimation of Conditionally Invertible Multiple Index Models”

“Estimation of Discrete Games with Multiple Bayesian-Nash Equilibria”

“Semi-Empirical Likelihood Estimation of Asymmetric Information Models”

## Awards

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### Current

National Science Foundation Grant No. SES-0718409, “Econometric Analysis of Strategic-Interaction Models under Flexible Behavioral Assumptions”. (2007 – 2009). Amount: \$106,587.00.

### Previous

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).

Organization of American States (Washington, D.C) International Fellowship for Graduate Studies and Research (1999-2001).

Ford-MacArthur-Hewlett Foundation Graduate Fellowship in the Social Sciences (1999-2001).

## Conferences and Seminars

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### Conferences

*2005*

Presenter at the Econometric Society World Congress, University College London (08/23/2005).

Presenter at the Greater New York metropolitan Area Econometrics Colloquium at Columbia University (12/03/2005).

*2006*

Discussant of the paper “Identification and Semiparametric Estimation of Equilibrium Models of Local Jurisdictions”, by Epple, D., Peress, M., and H. Sieg at the “Econometric Theory” Session of the North American Winter Meetings of the Econometric Society. Boston, MA (01/07/2006).

Presenter at the Conference on Econometrics and Experimental Economics held at Northwestern University (04/28/06).

Presenter at the “Econometrics and Empirical Economics” Session of the Latin American Meetings of the Econometric Society. ITAM, Mexico City (11/02/2006).

2007

Invited as presenter at the Copenhagen Econometrics Summer Workshop (07/12/2007) (declined to participate for scheduling conflicts).

Presenter and discussant at the upcoming conference “Auctions and Games: A Conference for the Journal of Econometrics Annals Issue” to be held at Virginia Tech (10/13/2007).

2008 (Upcoming)

Invited as presenter at the “Microeconometrics: Identification and Estimation” Session of the North American Winter Meetings of the Econometric Society, to be held at New Orleans, LA (01/06/2008).

### **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.

## **Teaching Experience**

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*Official Instructor, 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).

*Teaching Assistant, University of California, Berkeley:*

### **Undergraduate**

ECON 140.- Econometric Theory and Statistics (Summer 2004, Fall 2004).

ECON 100A.- Microeconomic Analysis (Summer 2002).

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

ECON 201B.- Microeconomic Theory –General Equilibrium–. (Fall 2001, Spring 2004).

ECON 240A.- Introduction to Statistics and Econometrics. (Fall 2002).

## **Refereeing Work**

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Journal of Econometrics; Econometric Theory; Econometrica; Journal of Business and Economic Statistics; International Economic Review; National Science Foundation.