

## Jeremy T. Fox

Department of Economics  
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### Education

PhD, MA Stanford University, Economics, 2003

BA, Rice University, Economics, Political Science and Statistics, 1998

### Employment

University of Chicago, Department of Economics, Assistant Professor, 2003–

### Fields

Primary: Industrial Organization

Secondary: Econometrics, Labor Economics

### Published Papers

Linear Regression Estimation of Discrete Choice Models with Nonparametric Distributions of Random Coefficients, *American Economic Review P&P* 97(2), 459-463. (with Patrick Bajari and Stephen Ryan)

Recent Advances in Structural Econometric Modeling: Dynamics, Product Positioning and Entry, *Marketing Letters*, 16(3). (with Jean-Pierre Dubé, K. Sudhir, and others)

Semiparametric Estimation of Multinomial Discrete Choice Models Using a Subset of Choices, *RAND Journal of Economics*, 2007, 38(4), 1002-1019.

### Submitted Working Papers

Does Input Quality Drive Measured Differences in Firm Productivity? (with Valérie Smeets)

Estimating Matching Games with Transfers. R&R at *EMA*

Evaluating Wireless Consolidation Using Semiparametric Demand Estimation. R&R at *QME* (with Patrick Bajari and Stephen Ryan)

Firm Size Wage Gaps, Job Responsibility and Hierarchical Matching. R&R at *JoLE*

Measuring the Efficiency of an FCC Spectrum Auction (with Patrick Bajari)

### Working Papers

A Simple Nonparametric Estimator for the Distribution of Random Coefficients in Discrete Choice Models (with Patrick Bajari, Kyoo il Kim and Stephen Ryan)

Consolidation in the Wireless Phone Industry (NET Institute Working Paper 05-13)

Estimating the Employer Switching Costs of Forward-Looking Engineers

Identifying Microeconomic Choice Models Including Selection Using Mixtures (with Amit Gandhi)

Improving the Numerical Performance of BLP Static and Dynamic Discrete Choice Random Coefficients Demand Estimation (with Jean-Pierre Dubé and Che-Lin Su)

Mobile Phone Mergers and Market Shares Short Term Losses and Long Term Gains (with Hector Perez-Saiz, NET Institute Working Paper 06-16)

Three Empirical Checks for the Empirical Validity of Olley and Pakes Productivity Estimators (with Valérie Smeets)

Using Wireless Consolidation to Distinguish Heterogeneous Technologies and Scale Economies (with Hector Perez-Saiz)

### **Computer Software**

A Toolkit for Matching Maximum Score Estimation and Point and Set Identified Subsampling Inference (with David Santiago)

### **Policy Comments**

Comment on FCC Public Notice DA 06–238 (proposed rules for Advanced Wireless Services auction) (with Patrick Bajari)

### **Honors & Grants**

Kapnick Foundation Dissertation Fellow, Stanford Institute for Economic Policy Research, 2002–2003

Landau Prize for the Best Working Paper, Stanford Institute for Economic Policy Research, 2003  
NET Institute Summer Grant, 2004, 2005 & 2006

NSF Grant #0721036 “Estimating Network and Matching Games of Interfirm Relationships”, 2007-2010.

Olin Junior Faculty Fellowship, University of Chicago, 2004–2005 and 2005–2007

Social Science Divisional Research Grant, University of Chicago, 2004, 2005, 2006, 2007.

Stigler Center for the Study of the Economy and the State, grant for “Supply Chains, Specialization and Firm Performance in Automobile Manufacturing.”

### **Teaching**

Graduate Industrial Organization (IO first quarter, IO topics in dynamics)

Undergraduate Econometrics

Graduate Theory and Empirics of Matching Games (mini-course Tel Aviv)

### **Service**

*International Journal of Industrial Organization*, Associate Editor

### **Affiliations**

Center for Corporate Performance, Aarhus School of Business

## **Dissertation Advising**

Oktay Akkus (Dept. of Economics)  
Amit Gandhi (Chicago GSB)  
Hongju Liu (Chicago GSB)  
Yukichi Mano (Dept. of Economics)  
Mitsukuni Nishida (Chair, Dept. of Economics)  
Hector Perez-Saiz (Dept. of Economics)  
Helena Pioner (Dept. of Economics)  
Alexander Popov (Dept. of Economics)  
Rachel Soloveichik (Chair, Chicago GSB)

## **Research Presentations**

2001–2002: Aarhus School of Business, Incentives & Beyond / Stockholm School, DILEED / Wellington

2002–2003: Boston University, Chicago, Irvine, Northwestern, U. Pennsylvania, SED, Texas

2003–2004: Chicago, Choice Symposium, Dale Mortensen conference, IIOC, SITE

2004–2005: Chicago (Econ, Marketing), Northwestern (Econometrics, IO), SED, Stanford, Washington Univ. in SL

2005–2006: Bar-Ilan, Carlos III, Chicago (GSB applied micro), Cornell, ES World Congress, Haifa, IIOC, Illinois, Minnesota, MIT, Montreal / CIRANO, New York FRB, North Carolina, Pittsburgh, Tel Aviv, Toronto, Toulouse, UCLA, Vanderbilt, Virginia, Washington Univ. in SL

2006–2007: ASSA, Chicago, Duke, Harvard, Maryland, Michigan, NBER, NYU, Ohio State, Penn State, SITE / Stanford, Wisconsin

2007–2008: Caltech, Clemson, Columbia, Cowles / Yale, FTC, Iowa, Illinois at Chicago, IIOC, Johns Hopkins, Kellogg M&S, Labor Market Dynamics, NYU Stern, Paris I, Penn State, UCL