

David McAdams

Associate Professor of Business and of Economics
Duke Fuqua School of Business and Department of Economics
Durham, NC 27708
david.mcadams@duke.edu

Degrees

BS 1996, Applied Mathematics, Harvard University.

MS 2001, Statistics, Stanford University.

PhD 2001, Business, Stanford University.

Dissertation: “Essays in Multi-Unit Auction Theory”.

co-Advisors: Professors Paul Milgrom and Robert Wilson.

Experience

Duke Fuqua School of Business and Department of Economics.

Associate Professor (with tenure), since 2008.

MIT Sloan School of Management, Applied Economics.

Associate Professor (without tenure), 2007-2008.

Cecil and Ida Green Career Development Professor, 2006-2008.

Assistant Professor, 2001-2007.

Federal Trade Commission.

Special Assistant to the Director, Bureau of Economics, May – December 1999.

Consultant, January – May 2000.

Honors

National Science Foundation, Economics Program, Research Grant #SES-0820051 for
“Endogenous Exit from a Stochastic Partnership”, 2008-2010.

National Science Foundation, Economics Program, Research Grant #SES-0241468 for
“Ordinal Structure in Multi-Unit Auctions”, 2003-2006.

Stanford Institute for Economic Policy Research, Olin Dissertation Fellowship, 2001.

State Farm Dissertation Award in Business, 2001.

Jaedicke Scholar, Stanford Graduate School of Business, 1997.

Harvard National Scholar, 1992.

Journal articles

- [1] “Isotone Equilibrium in Games of Incomplete Information”, *Econometrica*, August 2003, 71(4), 1191-1214.
- [2] “Monotone Equilibrium in Multi-Unit Auctions”, *Review of Economic Studies* October 2006, 73(4), 1039 - 1056.
- [3] “Monotonicity in Asymmetric First-Price Auctions with Affiliation”, *International Journal of Game Theory*, February 2007, 35(3), 427-453
- [4] “Credible Sales Mechanisms and Intermediaries” (with Michael Schwarz), *American Economic Review*, March 2007, 97(1), 260-276.
- [5] “Adjustable Supply in Uniform Price Auctions: Non-Commitment as a Strategic Tool”, *Economics Letters*, April 2007, 95(1) 48-53.
- [6] “Perverse Incentives in the Medicare Prescription Drug Benefit” (with Michael Schwarz), *Inquiry*, Summer 2007, 44(2), 157-166.
- [7] “Uniqueness in Symmetric First-Price Auctions with Affiliation”, *Journal of Economic Theory*, September 2007, 136, 144-166.
- [8] “Who Pays When Auction Rules are Bent?” (with Michael Schwarz), *International Journal of Industrial Organization*, October 2007, 25(5), 1144-1157.
- [9] “On the Failure of Monotonicity in Uniform-Price Auctions”, *Journal of Economic Theory*, November 2007, 137, 729-732.
- [10] “Partial Identification and Testable Restrictions in Multi-Unit Auctions”, *Journal of Econometrics*, forthcoming.

Conference proceedings, etc.

- [11] Speeding Up the Ascending-Bid Auction (with Yuzo Fujishima and Yoav Shoham). *International Journal Conference in Artificial Intelligence (IJCAI) Proceedings 1999*, pp. 554-559.
- [12] “Bounding Revenue Comparisons across Multi-Unit Auction Formats under epsilon-Best Response” (with James Chapman and Harry Paarsch), *American Economic Review, Papers and Proceedings*, May 2007, 97(2), 455-458.

Working papers

- [13] “Mechanism Choice and Strategic Bidding in Divisible Good Auctions: An Empirical Analysis of the Turkish Treasury Auction Market” (with Ali Hortacsu). Status: revision requested at *Econometrica*.
- [14] “Dynamics in an Evolving Partnership”.

- [15] “Bounding Best Response Violations in Discriminatory Auctions with Private Values” (with James Chapman and Harry Paarsch).

Invited Presentations

Chronological

1999

- Federal Energy Regulatory Commission [5]
- International Journal Conference in Artificial Intelligence (in Stockholm) [11]
- U. Maryland Economics [5]

2001

- Carnegie-Mellon GSIA [2]
- Harvard Kennedy School of Government [2]
- MIT / Harvard Economics [1]
- MIT Sloan School of Management [2]
- Northwestern Economics [2]
- NYU Stern School of Management [2]
- WUSL Olin School of Business [2]
- Yale Economics / School of Management [2]

2002

- CalTech Economics [2]
- U. Chicago Economics [1]
- Duke/U. North Carolina Economics [2]
- Industrial Organization Theory Conference [1]
- U. Iowa Tippie College of Business [2]
- U. Maryland Economics [2]
- U. Michigan Economics [2]
- Midwest Theory Conference [1]
- MIT / Harvard Economics [3]
- Penn State Economics [2]
- Society of Economic Design Conference [5]
- Stony Brook Game Theory Conference [2]

2003

American Mathematics Society Annual Meetings [1]
UC Berkeley Economics [3]
UC Energy Institute [5]
CalTech Economics [3]
U. Chicago Economics [2]
Econometric Society Annual Winter Meetings [1]
International IO Conference [9]
Northwestern Economics [3]
Ohio State Economics [2]
Princeton Economics [3]
Stanford Institute for Theoretical Economics [2]

2004

U. Arizona Economics [7]
U. Chicago Economics [10]
Econometric Society Annual Summer Meetings [2]
U. Illinois Economics [7]
MIT / Harvard Economics [10]
Northwestern Economics [5]
Northwestern Kellogg School of Management [10]
Pitt Economics [7]
Rutgers Economics [7]
WBZ Berlin "Advances in Auction Theory" Conference [7]

2005

UC Berkeley Economics [10]
U. Chicago GSB [4]
CIREQ Conference on Auctions [10]
Columbia Economics / GSB [4]
Penn Economics [4]
Penn State Economics [10]
Stanford Economics / GSB [4]

2006

Econometric Society Annual Winter Meetings [5]
Econometric Society Annual Summer Meetings (by co-author) [4]
U. Maryland Economics [4]
U. Minnesota Economics [15]
NYU Stern School of Management [4]
U. Texas Economics [4]
U. Wisconsin Economics [4]
Yahoo! Research [8]

2007

American Economic Association Annual Winter Meetings (by co-author) [12]
 CalTech Economics [14]
 UCLA Economics [14]
 Duke/U. North Carolina Economics [10]
 Harvard/MIT Economics [14]
 IO Theory Conference (at Duke) [14]
 Johns Hopkins Economics [14]
 U. Michigan Economics [14]
 MIT Economics (IO Lunch) [13]
 Northwestern Kellogg [14]
 NYU Economics [14]
 Penn State Economics [14]

2008

Game Theory Society World Congress [14] (talk canceled for personal reasons)

By Institution

U. Arizona [2004]
 UC Berkeley [2003,2005]
 UC Energy Institute [2003]
 UCLA [2007]
 CalTech [2002,2003,2007]
 Carnegie-Mellon GSIA [2001]
 U. Chicago [2002,2003,2004,2005]
 Columbia [2005]
 Duke [2002,2007]
 Federal Energy Regulatory Commission [1999]
 Harvard [2001,2002,2004,2005,2007]
 U. Illinois [2004]
 U. Iowa [2002]
 Johns Hopkins [2007]
 U. Maryland [1999,2002,2006]
 U. Michigan [2002,2007]
 U. Minnesota [2006]
 MIT [2001*2,2002,2004,2005,2007]
 U. North Carolina [2002]
 Northwestern [2001,2003,2004*2,2007]
 NYU [2001,2006,2007]

Ohio State [2003]
U. Penn [2005]
Penn State [2002,2005,2007]
U. Pittsburgh [2004]
Princeton [2003]
Rutgers [2004]
Stanford [2005]
U. Texas [2006]
Washington U. St. Louis [2001]
U. Wisconsin [2006]
Yahoo! Research [2006]
Yale [2001]

Professional Activities

Associate Editor, *International Journal of Industrial Organization*, since 2006.

Referee for *American Economic Review*, *Econometrica*, *Games and Economic Behavior*,
International Journal of Industrial Organization, *Journal of Economic Literature*,
Journal of Economic Theory, *Journal of the European Economic Association*,
Management Science, *National Science Foundation*, *RAND Journal of Economics*,
Review of Economic Design, *Review of Economic Studies*