

SUSAN CARLETON ATHEY

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**PERSONAL**

Born November, 1970.  
U.S. Citizen.

**EDUCATION**

*Duke University*  
Bachelor of Arts, 1991.  
Majors in economics, mathematics, and computer science.  
*Magna Cum Laude*. Phi Beta Kappa.

*Stanford Graduate School of Business*  
Ph.D., 1995

Dissertation: "Comparative Statics in Stochastic Problems with Applications."  
Advisors: Paul Milgrom and John Roberts (co-chairs), Edward Lazear.

**CURRENT POSITIONS**

*Harvard University, 2006-Present*  
Professor of Economics

*National Bureau of Economic Research, 2001-Present*  
Research Associate

**PAST POSITIONS**

*Stanford University, 2001-2006*  
2004-2006 Holbrook Working Professor of Economics and Professor (by courtesy) in the  
Graduate School of Business  
2001-2004 Associate Professor of Economics

*Center for Advanced Study in the Behavioral Sciences, 2004-2005*  
Fellow

*Department of Economics, Massachusetts Institute of Technology, 1995-2001*  
1999-2001 Castle Krob Career Development Associate Professor of Economics  
1997-1999 Castle Krob Career Development Assistant Professor of Economics

1995-1997 Assistant Professor of Economics

*Cowles Foundation for Economic Research, Yale University, 1997-1998*  
Visiting Assistant Professor of Economics

*Hoover Institution, Stanford University, 2000-2001*  
National Fellow

*National Bureau of Economic Research, 1997-2001*  
Faculty Research Fellow

### **OTHER POSITIONS**

*Market Design, Inc., 2001-Present,*  
Principal

*Criterion Auctions, L.L.C., 2006-Present*  
Senior Consultant

*Research Department, Minneapolis Federal Reserve Bank, 1999-2001*  
Consultant

*I.D.E.I. Toulouse, 1998*  
Visiting Professor

### **CURRENT PROFESSIONAL ACTIVITIES**

- Fellows Nominating Committee, Econometric Society, 2006.
- Chair, Program Committee, Winter Meetings of the Econometric Society, 2006.
- National Science Foundation Economics Panel, 2004-2006.
- Associate Editor, *Theoretical Economics*, 2005-.
- Associate Editor, *Quarterly Journal of Economics*, 2001-.
- Associate Editor, *B.E. Journals in Theoretical Economics*, 2000-.
- Editorial Board, *Not a Journal Economics*, 2001-.
- Young Faculty Nominating Committee, Center for Advanced Study in the Behavioral Sciences.
- Co-director, Market Design Program, Stanford Institute for Economic Policy Research

## PAST PROFESSIONAL ACTIVITIES

- Mentor, CeMent Mentoring Workshop, AEA/CSWEP, 2006.
- Associate Editor, *American Economic Review*, 2002-2005.
- Associate Editor, *RAND Journal of Economics*, 2002-2004.
- Foreign Editor, *Review of Economic Studies*, 2001-2004.
- American Economic Association Nominating Committee, 2003.
- Stanford University Fellow, 2002-2004.
- Elaine Bennett Research Prize Committee (AEA/CSWEP), 2002, 2004.
- Co-editor, *Journal of Economics and Management Strategy*, 1997-2001.
- Program Committee, Summer Meetings of the Econometric Society, 1997 and 1998; 8th World Congress of the Econometric Society, 2000; Winter Meetings of the Econometric Society, 2001 and 2005.

## HONORS

- Invited Speaker, 9th World Congress of the Econometric Society.
- Fellow, Econometric Society.
- Guggenheimer Faculty Scholar, Stanford University, 2004-2006.
- Lecturer, Johnson Distinguished Lecture Series in Economics, Duke University, 2004.
- Elaine Bennett Research Award, 2001.
- Sloan Foundation Research Fellow, 2000.
- Kilby Awards Foundation Young Innovator Award, 1998.
- Undergraduate Economics Association Teaching Award, 1995-1996.
- Review of Economic Studies Tour, 1995.
- Stanford University Lieberman Fellow, 1994-1995.
- State Farm Dissertation Award in Business, 1994.
- National Science Foundation Graduate Fellowship, 1991-1994.
- Jaedicke Scholar, Stanford Graduate School of Business, 1992-1993.
- Mary Love Collins Scholarship, Chi Omega Foundation, 1991-1992.
- Duke University Alice Baldwin Memorial Scholarship, 1990-1991.

## GRANTS AND RESEARCH AWARDS

- “Private Information and Dynamic Games,” NSF Grant No. SES-0351500.
- “Private Information in Auctions, Pricing Games, and Ongoing Relationships,” NSF CAREER Award No. SES-9983820.
- “Bidding Behavior in U.S. Forest Service Timber Auctions,” MIT Provost's Fund for Humanities, Arts, and Social Sciences Research Award, 1997.

- “Empirical Tests for Complementarities: A Structural Approach,” MIT Sloan School of Management, Creative Research Award, 1996 (with Scott Stern).
- “Comparative Statics: Theory and an Empirical Framework for Testing Predictions,” NSF Grant No. SBR-9631760.
- “Product and Process Innovation,” William Miller Fund, Stanford GSB.

## REFEREED PUBLICATIONS

1. “Identification and Inference in Nonlinear Difference-In-Difference Models,” (with Guido Imbens). *Econometrica* 74 (2), March, 2006, 431-498.
2. “The Optimal Degree of Monetary Policy Discretion,” (with Andrew Atkeson and Patrick Kehoe), *Econometrica* 73 (5), September, 2005, 1431-1476.
3. “Collusion and Price Rigidity,” (with Kyle Bagwell and Chris Sanchirico). *Review of Economic Studies* 71 (2), April 2004, 317-349.
4. “Identification in Standard Auction Models,” (with Philip Haile), *Econometrica*, 70 (6), November 2002, pp. 2107-2140.
5. “The Impact of Information Technology on Emergency Health Care Outcomes,” (with Scott Stern), *RAND Journal of Economics*, 33 (3), Autumn 2002, pp. 399-432.
6. “Monotone Comparative Statics Under Uncertainty,” *Quarterly Journal of Economics*, February 2002, CXVII (1): 187-223.
7. “Optimal Collusion with Private Information,” (with Kyle Bagwell), *RAND Journal of Economics*, Autumn 2001, 32 (3): 428-465.
8. “Single Crossing Properties and the Existence of Pure Strategy Equilibria in Games of Incomplete Information,” *Econometrica* 69 (4), July, 2001: 861-890.
9. “Information and Competition in U.S. Forest Service Timber Auctions,” (with Jonathan Levin), *Journal of Political Economy*, 109 (2), April 2001. Reprinted in: *Empirical Industrial Organization*, Paul Joskow and Michael Waterson, ed., Critical Ideas in Economics, Edward Elgar, forthcoming 2004.
10. “Investment and Market Dominance,” (with Armin Schmutzler), *RAND Journal of Economics* 32 (1), Spring 2001: 1-26.
11. “Mentoring and Diversity,” (with Chris Avery and Peter Zemsky), *American Economic Review* 90 (4) September 2000: 765-786.
12. “Product and Process Flexibility in an Innovative Environment,” (with Armin Schmutzler), *RAND Journal of Economics*, 26 (4) Winter 1995: 557-574.

## BOOKS/PAPERS & PROCEEDINGS/CONFERENCE VOLUMES

1. “Empirical Models of Auctions,” forthcoming, *Proceedings of the Ninth World Congress of the Econometric Society*.

2. "Nonparametric Approaches to Auctions," forthcoming, *Handbook of Econometrics*, Volume 6.
3. *Robust Comparative Statics* (with Paul Milgrom and John Roberts), research monograph (draft form).
4. "Information Technology and Training in Emergency Call Centers." (with Scott Stern). *Proceedings of the Fifty-First Annual Meetings* (New York, Jan 3-5, 1999). Madison, WI: Industrial Relations Research Association, pp. 53-60.
5. "Adoption and Impact of Advanced Technologies in Emergency Response Systems," (with Scott Stern), in *The Changing Hospital Industry: Comparing Not-for-Profit and For-Profit Institutions*, David Cutler, ed. University of Chicago Press, 2000, pp. 113-155.
6. "Organizational Design: Decision Rights and Incentive Contracts," (with John Roberts), *American Economic Review Papers and Proceedings*, May 2001.

## **WORKING PAPERS/UNDER REVIEW**

1. "Dynamics of Open Source Movements," (with Glenn Ellison).
2. "An Efficient Dynamic Mechanism," (with Ilya Segal). Under review.
3. "Efficiency in Repeated Trade with Hidden Valuations," (with David Miller). Mimeo, Stanford University, 2005. *Revise & Resubmit, Theoretical Economics*.
4. "Discrete Choice Models with Multiple Unobserved Choice Characteristics," (with Guido Imbens). Mimeo, Stanford University, 2005. Under review.
5. "Collusion with Persistent Cost Shocks," (with Kyle Bagwell). Mimeo, Stanford University, 2004. *Revise & Resubmit, Econometrica*.
6. "Comparing Open and Sealed Bid Auctions: Theory and Evidence from Timber Auctions," (with Jonathan Levin and Enrique Seira). Mimeo, Stanford University, 2004. *Revise & Resubmit, Econometrica*.
7. "Characterizing Properties of Stochastic Objective Functions," MIT Working Paper 96-1R. *Revise & Resubmit, B.E. Journals in Theoretical Economics*.
8. "Investment and Information Value for a Risk-Averse Firm," MIT Working Paper No. 00-30. *Revise & Resubmit, B.E. Journals in Theoretical Economics*.
9. "The Value of Information in Monotone Decision Problems" (with Jonathan Levin), MIT Working Paper No. 98-24, November 1998.
10. "An Empirical Framework for Testing Theories about Complementarities in Organizational Design," (with Scott Stern). NBER Working Paper 6600, February 1998. *Revise & Resubmit, Management Science*.
11. "The Allocation of Decisions in Organizations," (with Joshua Gans and Scott Stern), Mimeo, MIT, 1996.

## **WORK IN PROGRESS**

1. "Authority and Incentives," (with John Roberts), In progress.

2. “Dynamic Auctions with Persistent Private Information,” (with Kyle Bagwell). In progress.
3. “A Theory of Group Formation and Social Hierarchy,” (with Saumitra Jha). In progress.
4. “Subsidies and Set-Asides in Auctions,” (with Jonathan Levin). In progress.

## **TEACHING**

- Graduate: Advanced Topics in Game Theory, Industrial Organization, Contract Theory, Microeconomic Theory.
- Undergraduate: Industrial Organization, Intermediate Applied Microeconomics.

## **OTHER PROFESSIONAL ACTIVITIES**

- Member: Econometric Society, American Economic Association, Committee for the Status of Women in the Economics Profession.
- Referee for: *American Economic Review*, *Econometrica*, *Economic Journal*, *Games and Economic Behavior*, *Industrial Relations*, *International Economic Review*, *International Review of Finance and Economics*, *Journal of Econometrics*, *International Journal of Industrial Organization*, *Journal of Economics and Management Strategy*, *Journal of Human Resources*, *Journal of Industrial Economics*, *Journal of Political Economy*, *Management Science*, *National Science Foundation*, *RAND Journal of Economics*, *Quarterly Journal of Economics*, *Review of Economic Studies*, *Review of Economics and Statistics*, *Southern Economic Journal*.