

August 2015

# Curriculum Vitae

Chris Shannon

## Business Address

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## Employment

current	Richard and Lisa Steiny Professor of Economics, University of California, Berkeley
current	Professor of Mathematics, University of California, Berkeley
2011 - 2013	Richard N. Merkin Professor of Economics and Mathematics, California Institute of Technology
2010 - present	Richard and Lisa Steiny Chair, University of California, Berkeley
2002 - present	Professor of Mathematics, University of California, Berkeley
1997-present	Professor of Economics, University of California, Berkeley
1996-1997	Associate Professor of Economics, University of California, Berkeley
1992-1996	Assistant Professor of Economics, University of California, Berkeley

## Education

1992	Ph.D. in Economics, Stanford University
1991	M.S. in Mathematics, Stanford University
1988	B.S. in Economics with Highest Distinction and Departmental Honors, University of Kansas
1988	B.S. in Mathematics with Highest Distinction and Departmental Honors, University of Kansas

## Visiting Positions

Fall 2010	Moore Distinguished Scholar, Caltech
Spring 2005	Visiting Professor, Harvard University
June 2000	Visiting Professor, CentER, Tilburg University
April 2000	Visiting Researcher, Yale University

May 1999	Visiting Professor, Danish Doctoral Program, University of Copenhagen
1995-1996	Visiting Professor, Yale University

## Honors, Grants and Awards

2013	Economic Theory Fellow, Society for Advancement of Economic Theory
2012-2015	National Science Foundation Grant
2010	Moore Distinguished Scholar, Caltech
2009-2010	Fellow, Center for Advanced Study in the Behavioral Sciences
2007	Outstanding Teaching Award, Berkeley Graduate Student Association
2007-2010	National Science Foundation Grant
2004-2007	National Science Foundation Grant
2002	Fellow, Econometric Society
2001-2002	Miller Research Professorship, Miller Institute for Basic Research in Science
2000-2001	Center for Pure and Applied Mathematics Grant
1999-2002	National Science Foundation Grant
1997-1999	Alfred P. Sloan Foundation Research Fellow
1997	Outstanding Advisor Award, Berkeley Graduate Student Association
1994-1998	National Science Foundation Grant
1995-1996	Career Development Grant, UC Berkeley
1995-1996	Hellman Family Faculty Fund Grant, UC Berkeley
1994-1995	Berkeley Committee on Research Junior Faculty Research Grant
1992-1993	Berkeley Committee on Research Faculty Grant
1992	<i>Review of Economic Studies</i> European tour participant
1991-92	Alfred P. Sloan Foundation Doctoral Dissertation Fellowship
1988-91	National Science Foundation Graduate Fellowship
1990	Stanford Economics Research Paper Award for “An Ordinal Theory of Games with Strategic Complementarities”
1987	Phi Beta Kappa

## Publications

- “Sharing Risk and Ambiguity,” (with L. Rigotti), *Journal of Economic Theory*, 147(5), pp. 2028 - 2039.
- “Knightian Uncertainty and Moral Hazard,” (with G. Lopomo and L. Rigotti), *Journal of Economic Theory*, 146(3), pp. 1148 - 1172.
- “Subjective Beliefs and Ex-Ante Trade,” (with L. Rigotti and T. Strzalecki), *Econometrica*, 76(5), pp. 1167 - 1190.
- “Determinacy and Indeterminacy of Equilibrium,” *The New Palgrave Dictionary of Economics*, 2<sup>nd</sup> Edition

- “The Dynamic Evolution of Preferences,” (with A. Heifetz and Y. Spiegel), *Economic Theory*, 32(2), pp. 251-286.
- “What to Maximize if You Must,” (with A. Heifetz and Y. Spiegel), *Journal of Economic Theory*, 133(1), pp. 31-57.
- “A Prevalent Transversality Theorem for Lipschitz Functions,” *Proceedings of the American Mathematical Society*, 134(9), pp. 2755-2765.
- “Uncertainty and Risk in Financial Markets,” (with L. Rigotti), *Econometrica*, 73(1), pp. 203-243.
- “Quadratic Concavity and Determinacy of Equilibrium”, (with B. Zame), *Econometrica*, 70(2), pp. 631-662.
- “Uniqueness, Stability and Comparative Statics in Rationalizable Walrasian Markets,” (with D. Brown), *Econometrica*, 68(6), pp. 1529-1540.
- “Strict Single Crossing and the Strict Spence-Mirrlees Condition,” (with A. Edlin), *Econometrica*, 66(6), pp. 1417-1425.
- “Determinacy of Competitive Equilibria in Economies with Many Commodities,” *Economic Theory*, 14(1), pp. 29-87.
- “Strict Monotonicity in Comparative Statics,” (with A. Edlin), *Journal of Economic Theory*, 81(1), pp. 201-219.
- “Increasing Returns in Infinite Horizon Economies,” *Review of Economic Studies*, 64(1), pp. 73-96.
- “Weak and Strong Monotone Comparative Statics,” *Economic Theory*, 5(2), pp. 209-227.
- “Regular Nonsmooth Equations,” *Journal of Mathematical Economics*, 23(2), pp. 147-166.
- “Monotone Comparative Statics,” (with P. Milgrom), *Econometrica*, 62(1), pp. 157-180.

## Working Papers

- “Verifiability and Group Formation in Markets,” (with S. Scotchmer), working paper, August 2015.
- “Uncertainty in Mechanism Design,” (with G. Lopomo and L. Rigotti), working paper, May 2013, revise and resubmit, *Review of Economic Studies*.
- “Recent Advances in Understanding Competitive Markets,” working paper, March 2002.

- “Generalized Convex Games,” (with P. Milgrom), working paper, August 1996.
- “An Ordinal Theory of Games with Strategic Complementarities,” working paper, June 1990.

## Professional Service

Associate Editor, *Econometrica*, 2003-2009

Associate Editor, *Theoretical Economics*, 2005-2011

Associate Editor, *Journal of Economic Theory*, 2004 - present

Associate Editor, *Journal of Mathematical Economics*, 1995-2013

Co-Editor (Founding), *B.E. Journals in Theoretical Economics*, 1999-2004

Associate Editor, *Economic Theory*, 1995-1999

Referee for *Econometrica*, *Journal of Economic Theory*, *Economic Theory*, *American Economic Review*, *Review of Economic Studies*, *Journal of Mathematical Economics*, *International Economic Review*, *Games and Economic Behavior*, *Economics Letters*, *International Journal of Game Theory*, *Mathematics of Operations Research*, *Journal of Public Economics*, *Journal of Economic Dynamics and Control*, National Science Foundation, Princeton University Press

Advisory Committee member, Center for Pure and Applied Mathematics, UC Berkeley

Advisory Committee member, Institute for Business and Economic Research, UC Berkeley

Program Committee, 1997, 2003, 2006, 2008, 2009, 2013 Summer Meetings, 2000, 2003, 2009 Winter Meetings of the Econometric Society, 2005 World Congress of the Econometric Society

Program Chair, 2004 Winter Meetings of the Econometric Society

Econometric Society Fellows Nominating Committee 2004

Organizer, 1998 NSF/NBER/CEME Mathematical Economics Conference

Organizer, 2005 NSF/NBER/CEME Mathematical Economics Conference – Mathematical Economics: The Legacy of Gerard Debreu, Berkeley

Coordinator, NSF/NBER/CEME Mathematical Economics Conference Series, 2000-

Co-organizer, SITE Workshop on “General Equilibrium: Foundations and Applications,” Stanford, Summer 2000