

DAVID KNUDSEN LEVINE

July 2010

CURRENT POSITION

July 2006-present

John H. Biggs Distinguished Professor, Department of Economics

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EDUCATION

- UCLA, BA, Mathematics, June 1977
- UCLA, MA, Economics, June 1977
- MIT, Ph.D., Economics, June 1981

OTHER POSITIONS

- Assistant Professor of Economics, UCLA, July 1981 - June 1986
- Associate Professor of Economics, University of Minnesota, September 1987 - June 1988
- Professor of Economics, UCLA, July 1987 - June 1997
- Armen Alchian Professor of Economics, UCLA, July 1997 - June 2006

SIGNIFICANT FELLOWSHIPS, GRANTS, AND SERVICE

- Principal Investigator, National Science Foundation Grants, 1985 - present
- Fellow of the Econometric Society, 1989
- Economics Department Vice Chairman, Graduate Affairs, UCLA, July 1986 - June 1987
- Coeditor: *Economic Theory*, March 1992 - December 1996
- Council on Academic Personnel, UCLA, September 1992 - September 1995
- National Science Foundation Economics Panel, August 1995 - June 1997
- Coeditor: *Review of Economic Dynamics*, November 1996 - June 2001
- Economics Department Chair, UCLA, July 1999 - June 2000
- Co-Director, CASSEL, UCLA, July 1999 - 2004
- American Economic Association Committee on Honors and Awards, 2002-2007
- Coeditor: *Econometrica*, July 2003 - June 2008
- Sloan Research Fellowship Program Committee, 2003-2008
- Economics Department Chair, UCLA, January 2005 - June 2005
- President, Society of Economic Dynamics, July 2006 - June 2009
- Research Associate, NBER Program on Economic Fluctuations and Growth, April 2006-present
- Council Member, Society of Economic Dynamics, July 2009 - present

PART TIME AND OTHER POSTS

- Joint Appointee, UCLA Institute of Industrial Relations, 1982 - 1984
- Visiting Scholar, Cambridge University, Department of Applied Economics, Winter 1985
- Visitor, Mathematical Science Research Institute, September 1985
- Visitor, Federal Reserve Bank of Minneapolis, September 1987 - June 1988
- Visiting Scholar, Institut D'Analisis Economica, Universidad Autonoma de Barcelona, June 1990
- Visiting Professor of Economics, Caltech, September 1990 - March 1991
- Committee on Academic Personnel, UC, September 1993 - June 1995
- Visiting Scholar, Carlos III, Madrid, Fall 1995

- Visiting Professor, Tel Aviv University, July 1996
- National Science Foundation Subcommittee on Human Subjects, May 2001 - January 2002
- Visiting Professor, Torcuato Di Tella University, Department of Economics, July 2001
- Visiting Professor, University of Texas, Austin, October 2003
- Visiting Professor, Chinese University of Hong Kong, March 2004
- Visiting Professor, Seoul National University, April 2004
- Research Consultant, Federal Reserve Bank of Minneapolis, July 2004-December 2005
- Distinguished Lecturer, Brown University, April 2005
- Board of Directors, Econ Job Market, 2009-present
- Hooker Professor, McMaster University, March 2009
- Research Associate, Federal Reserve Bank of St. Louis, March - April 2009
- Visitor, EIEF, Rome, 2009-2010
- Visitor, EUI, Florence 2010-2011

AWARDS

- Departmental Scholar in Economics, UCLA, September 1975 - June 1977
- Foundation for Research in Education and Economics Fellowship, September 1976 - June 1977
- Phi Beta Kappa, *Summa Cum Laude* in Mathematics, UCLA, June 1977
- Daus Prize in Mathematics, UCLA, June 1977
- Graduate Fellowship, MIT, September 1977 - June 1981
- Foundation for Research in Education and Economics Grant, Summer 1982
- UCLA Institute of Industrial Relations Grant 1982 - 84
- Office of Instructional Development Grant, UCLA, Summer 1984
- Academic Senate Research Grants, UCLA, 1981 - 1999, 2000

PLENARY AND OTHER MAJOR TALKS

- 1994 Society of Economic Dynamics and Control Meeting
- 2003 International Economics Review - Lawrence Klein Lecture
- 2004 Chinese University of Hong Kong Sir Edward Youde Memorial Fund Visiting Professorship Scheme Public Lecture
- 2004 Canadian Economic Theory Conference
- 2004 World Congress of the Game Theory Society
- 2004 Latin American Econometric Society Meetings
- 2008 University of Pennsylvania PIER Lecture
- 2008 Canada Ministry of Finance, Inaugural Shoyama Lecture
- 2009 McMaster University Hooker Lecture
- 2009 European University Institute, Max Weber Lecture
- 2009 Economic Science Association Meetings

EDITORIAL BOARDS

- *Abstracts of Working Papers in Economics* (January 1987 - December 1987): Associate Editor
- *Journal of Economic Theory* (June 1987 - September 1996): Associate Editor
- *Economic Theory* (January 1990 - February 1992; January 1997 - September 1999): Associate Editor
- *Econometrica* (July 1996 - June 1999): Associate Editor
- *Economic Bulletin* (December 2000 - December 2002): Associate Editor
- *NAJ Economics* (September 2001 - present): Coeditor
- *ELSS Theory* (October 2002 - January 2004): Advisory Board Member
- *Theoretical Economics* (January 2004 - March 2010): Executive Board Member
- *Games* (March 2010 - present)

REFEREEING

Academy of Management Review, Addison-Wesley, *American Economic Review*, *American Journal of Political Economy*, *Behavioral and Brain Sciences*, Canada Council, *Cognitive, Affective, and Behavioral Neuroscience*, DIRASAT, D.C. Heath, *Econometrica*, *Economic Inquiry*, *Economic Journal*, *Economic Theory*, *Estudios Economicos de el Colegio de Mexico*, *Ethical Theory and Moral Practice*, *European Journal of*

Political Economy, Games and Economic Behavior, Harper Collins, *Information Economics and Policy*, *International Economic Review*, Israel-US Binational Science Foundation, *Journal of Business and Economic Statistics*, *Journal of Econometrics*, *Journal of Economic Behavior and Organization*, *Journal of Economic Dynamics and Control*, *Journal of Economic Literature*, *Journal of Economics and Management Strategy*, *Journal of Economic Theory*, *Journal of Labor Economics*, *Journal of Mathematical Economics*, *Journal of Multivariate Analysis*, *Journal of Political Economy*, *Labour*, *Mathematics of Operations Research*, Netherlands Research Council, National Science Foundation, *Operations Research*, Oxford University Press, *Physical Review Letters*, Prentice Hall, Princeton University Press, *Quarterly Journal of Economics*, *Rand Journal of Economics*, *Rationality and Society*, *Review of Economic Dynamics*, *Review of Economic Studies*, *Scandinavian Journal of Economics*, *Science*, *Scottish Journal of Political Economy*, *Zeitschrift Fur Nationalekonomie*

PROGRAM COMMITTEES

- Summer Econometric Society Meetings, 1989, 1991, 1992, 1997, member program committee: Mathematical Economics
- Winter Econometric Society Meetings, 1990, member program committee: Mathematical Economics
- Far West Regional Theory Conference, 1992, conference organizer
- 7th World Congress of the Econometric Society, 1995, member program committee
- Summer Econometric Society Meetings 2002, program committee co-chair
- Summer Society of Economic Dynamics Meetings 2003, program committee
- Society for the Advancement of Economic Theory 2003, program committee

EDITED BOOKS

- *The Economics of Information*, (edited with Steven A. Lippman), Edward Elgar (1995).
- *Learning in Games: A Symposium in Honor of David Blackwell* (edited with Dean Foster and Rakesh Vohra), a special issue of *Games and Economic Behavior* (1999).
- *Dynamic Games* (edited with Aldo Rustichini), a special issue of *Review of Economic Dynamics* (2000).
- *Proceedings of the 2002 North American Summer Meetings of the Econometric Society* (edited with William Zame)
- *Long Run Collaboration on Games with Long Run Players* (with Drew Fudenberg), World Scientific Publishing (forthcoming)

PUBLISHED BOOKS

- *Theory of Learning in Games* (with Drew Fudenberg), MIT Press (1998)
- *Against Intellectual Monopoly* (with Michele Boldrin), Cambridge University Press (2008)

MOST SIGNIFICANT PUBLICATIONS

1. "Infinite-Horizon Models of Bargaining with One-Sided Incomplete Information," (with D. Fudenberg and J. Tirole), in *Game-Theoretic Models of Bargaining*, ed. Alvin E. Roth, Cambridge University Press: Cambridge, 73-98, 1985.
2. "Comparative Statics and Perfect Foresight in Infinite Horizon Economies," (with T. Kehoe), *Econometrica*, 53: 433-453, 1985.
3. "Reputation and Equilibrium Selection in Games with a Patient Player," (with D. Fudenberg), *Econometrica*, 57: 759-778, 1989.
4. "Efficiency and the Value of Money," *Review of Economic Studies*, 56: 77-88, 1989.
5. "Maintaining a Reputation when Strategies are Imperfectly Observed," (with D. Fudenberg), *Review of Economic Studies*, 59: 561-580, 1992.
6. "Steady State Learning and Nash Equilibrium," (with D. Fudenberg), *Econometrica*, 61: 547-573, 1993.
7. "Self-Confirming Equilibrium," (with D. Fudenberg), *Econometrica*, 61: 523-546, 1993.
8. "Debt Constrained Asset Markets," (with T. Kehoe), *Review of Economic Studies*, 60: 865-888, 1993.
9. "The Folk Theorem with Imperfect Public Information," (with D. Fudenberg and E. Maskin), *Econometrica*, 62: 997-1039, 1994, reprinted in *Recent Developments in Game Theory* edited by Eric Maskin, Edward Elgar, 1994; *Cartels* edited by Stephen Salant and Margaret Levenstein, Edward Elgar, 2004.
10. "When Are Agents Negligible?," (with W. Pesendorfer), *American Economic Review*, 85: 1160-1170, 1995.

11. "Modeling Altruism and Spitefulness in Experiments," *Review of Economic Dynamics*, 1: 593-622, 1998.
12. "Liquidity Constrained vs. Debt Constrained Markets," (with T. Kehoe), *Econometrica*, 69: 575-598, 2001.
13. "Does Market Incompleteness Matter," (with W. Zame), *Econometrica*, 70: 1805-1840, 2001.
14. "The Case Against Intellectual Property," (with M. Boldrin), *American Economic Review Papers and Proceedings*, 92: 209-212, 2002.
15. "The Economics of Ideas and Intellectual Property," (with M. Boldrin), *Proceedings of the National Academy of Sciences*, 102: 1252-1256, 2004.
16. "Superstition and Rational Learning," (with D. Fudenberg), *American Economic Review*, 96: 1449-1476, 2005.
17. "A Dual Self Model of Impulse Control," (with D. Fudenberg), *American Economic Review*, 96: 1449-1476, 2006.
18. "The Paradox of Voter Participation: A Laboratory Study," (with T. Palfrey), *American Political Science Review*, 101: 143-158, 2007.

ALL PUBLICATIONS

1. "Soviet Oil and Natural Gas in the Global Perspective," (with J. Hardt and R. Bresnick), *Project Interdependence: U.S. and World Energy Outlook through 1990*, U.S. GPO, Committee Print 95-33: Washington, 787-857, 1977.
2. "Subgame-Perfect Equilibria of Finite- and Infinite-Horizon Games," (with D. Fudenberg), *Journal of Economic Theory*, 31: 251-258, 1983.
3. "A Remark on Serial Correlation in Maximum Likelihood," *Journal of Econometrics*, 23: 337-342, 1983.
4. "Strike Activity, Wage Settlements and Rationality," (with D. Fudenberg and P. Ruud), in *Current Thinking and Research in Labor Economics*, ed. Walter Fogel, UCLA Institute of Industrial Relations: Los Angeles, 47-72, 1984.
5. "Regularity in Overlapping Generations Exchange Economies," (with T. Kehoe), *Journal of Mathematical Economics*, 13: 69-93, 1984.
6. "Intertemporal Separability in Overlapping Generations Models," (with T. Kehoe), *Journal of Economic Theory*, 34: 216-226, 1984.
7. "The Financial Sector in the Planning of Economic Development," (with D. Backus and H. Blanco), in *Financing Problems of Developing Countries*, ed. Armin Gutowski, A. A. Arnaudo and Hans-Eckert Scharrer, St. Martin's Press: New York, 42-58, 1985.
8. "Infinite-Horizon Models of Bargaining with One-Sided Incomplete Information," (with D. Fudenberg and J. Tirole), in *Game-Theoretic Models of Bargaining*, ed. Alvin E. Roth, Cambridge University Press: Cambridge, 73-98, 1985.
9. "Comparative Statics and Perfect Foresight in Infinite Horizon Economies," (with T. Kehoe), *Econometrica*, 53: 433-453, 1985.
10. "Estática comparativa y prevision perfecta en economias con horizonte infinito," (with T. Kehoe), *Cuadernos Economicos de ICE*, 46: 203-226, 1985, translation of "Comparative Statics and Perfect Foresight in Infinite Horizon Economies".
11. "Sensitivity of MLE to Measurement Error," *Journal of Econometrics*, 28: 223-230, 1985.
12. "A Simple Durable Goods Model," *Quarterly Journal of Economics*, 100: 775-788, 1985.
13. "Limit Games and Limit Equilibria," (with D. Fudenberg), *Journal of Economic Theory*, 38: 261-279, 1986.
14. "Reverse Regressions for Latent Variable Models," *Journal of Econometrics*, 32: 291-292, 1986.
15. "Incomplete Information Bargaining with Outside Opportunities," (with D. Fudenberg and J. Tirole), *Quarterly Journal of Economics*, 102: 37-57, 1987.
16. "Nash Equilibria Equal Competitive Equilibria," *Economics Letters*, 25: 301-302, 1987.
17. "Open and Closed-Loop Equilibria in Dynamic Games With Many Players," (with D. Fudenberg), *Journal of Economic Theory*, 44: 1-18, 1988.
18. "On the Robustness of Equilibrium Refinements," (with D. Fudenberg and D. Kreps), *Journal of Economic Theory*, 44: 354-380, 1988.
19. "Reputation and Equilibrium Selection in Games with a Patient Player," (with D. Fudenberg), *Econometrica*, 57: 759-778, 1989.
20. "Steady States and Determinacy in Economies with Infinitely Lived Agents," (with T. Kehoe and P. Romer), in

- Joan Robinson and Modern Economic Theory*, ed. G. Feiwel, New York University Press: New York, 521-544, 1989.
21. "Determinacy of Equilibrium in Large Square Economies," (with T. Kehoe, A. Mas-Colell and W. Zame), *Journal of Mathematical Economics*, 18: 231-262, 1989.
 22. "Infinite Horizon Equilibrium with Incomplete Markets," *Journal of Mathematical Economics*, 18: 357-376, 1989.
 23. "Efficiency and the Value of Money," *Review of Economic Studies*, 56: 77-88, 1989.
 24. "Reputation and Commitment in Long Run Relationships," (with D. Fudenberg), *Cuadernos Economicos de ICE*, 45: 97-120, 1990.
 25. "Indeterminacy in Applied Intertemporal General Equilibrium Models," (with T. Kehoe), in *General Equilibrium Modeling and Policy Analysis*, ed. Lars Bergman, Dale W. Jorgenson and Erno Zala, Basil Blackwell: Oxford, 111-148, 1990.
 26. "The Economics of Indeterminacy in Overlapping Generations Models," (with T. Kehoe), *Journal of Public Economics*, 42: 219-243, 1990.
 27. "Dynamic Externalities and Competitive Equilibrium," (with T. Kehoe and P. Romer), *Cuadernos Economicos de ICE*, 46: 261-278, 1990.
 28. "Determinacy of Equilibrium in Dynamic Models with Finitely Many Consumers," (with T. Kehoe and P. Romer), *Journal of Economic Theory*, 50: 1-21, 1990.
 29. "An Approximate Folk Theorem with Imperfect Private Information," (with D. Fudenberg), *Journal of Economic Theory*, 54: 26-47, 1991.
 30. "Gross Substitutes in Large Square Economies," (with T. Kehoe, A. Mas-Colell and M. Woodford), *Journal of Economic Theory*, 54: 1-25, 1991.
 31. "Asset Trading Mechanisms and Expansionary Policy," *Journal of Economic Theory*, 54: 148-164, 1991.
 32. "Maintaining a Reputation when Strategies are Imperfectly Observed," (with D. Fudenberg), *Review of Economic Studies*, 59: 561-580, 1992.
 33. "The Optimum Quantity of Money Revisited," (with T. Kehoe and M. Woodford), in *Economic Analysis of Markets and Games*, ed. Dasgupta, Gale, Hart and Maskin, MIT Press: Cambridge, 501-526, 1992.
 34. "On Characterizing Equilibria of Models with Externalities and Taxes as Solutions to Optimization Problems," (with T. Kehoe and P. Romer), *Economic Theory*, 2: 43-68, 1992.
 35. "Steady State Learning and Nash Equilibrium," (with D. Fudenberg), *Econometrica*, 61: 547-573, 1993.
 36. "Self-Confirming Equilibrium," (with D. Fudenberg), *Econometrica*, 61: 523-546, 1993.
 37. "Equilibrio Autoconfirmado," (with D. Fudenberg), *Cuadernos Economicos de ICE*, 60: 13-38, 1993, translated from "Self-Confirming Equilibrium".
 38. "Debt Constrained Asset Markets," (with T. Kehoe), *Review of Economic Studies*, 60: 865-888, 1993.
 39. "Trembling Invisible Hand Equilibrium," *Journal of Economic Theory*, 59: 239-256, 1993.
 40. "Efficiency and Observability with Long-Run and Short-Run Players," (with D. Fudenberg), *Journal of Economic Theory*, 62: 103-135, 1994.
 41. "The Folk Theorem with Imperfect Public Information," (with D. Fudenberg and E. Maskin), *Econometrica*, 62: 997-1039, 1994, reprinted in *Recent Developments in Game Theory* edited by Eric Maskin, Edward Elgard, 1994; *Cartels* edited by Stephen Salant and Margaret Levenstein, Edward Elgar, 2004.
 42. "The Folk Theorem with Imperfect Public Information," (with D. Fudenberg and E. Maskin), in *Recent Developments in Game Theory*, ed. E. Maskin, Edward Elgar: Cheltenham, 1994, reprinted from *Econometrica*.
 43. "Consistency and Cautious Fictitious Play," (with D. Fudenberg), *Journal of Economic Dynamics and Control*, 19: 1065-1090, 1995.
 44. "When Are Agents Negligible?," (with W. Pesendorfer), *American Economic Review*, 85: 1160-1170, 1995.
 45. "Maintaining a Reputation against a Patient Opponent," (with M. Celentani, D. Fudenberg and W. Pesendorfer), *Econometrica*, 64: 691-704, 1996.
 46. "Debt Constraints and Equilibrium in Infinite Horizon Economies with Incomplete Markets," (with W. Zame), *Journal of Mathematical Economics*, 26: 103-131, 1996.
 47. "Measuring Subject's Losses in Experimental Games," (with D. Fudenberg), *Quarterly Journal of Economics*, 112: 508-536, 1997.
 48. "Learning in Games," (with D. Fudenberg), *European Economic Review*, 42: 631-639, 1998.
 49. "When are Non-Anonymous Players Negligible," (with D. Fudenberg and W. Pesendorfer), *Journal of Economic Theory*, 79: 46-71, 1998.

50. "Modeling Altruism and Spitefulness in Experiments," *Review of Economic Dynamics*, 1: 593-622, 1998.
51. "Reputation with Noisy Precommitment," (with C. Martinelli), *Journal of Economic Theory*, 78: 55-75, 1998.
52. "Payoff Information and Self-Confirming Equilibrium," (with E. Dekel and D. Fudenberg), *Journal of Economic Theory*, 89: 165-185, 1999.
53. "Introduction to Learning in Games: A Symposium in Honor of David Blackwell," (with D. Foster and R. Vohra), *Games and Economic Behavior*, 29: 1-6, 1999.
54. "Conditional Universal Consistency," (with D. Fudenberg), *Games and Economic Behavior*, 29: :104-130, 1999.
55. "An Easier Way to Calibrate," (with D. Fudenberg), *Games and Economic Behavior*, 29: 131-137, 1999.
56. "Learning in the Stock Flow Model," in *Money, Markets and Method: Essays in Honour of Robert W. Clower*, ed. P. Howitt, E. de Antoni and A. Leijonhufvud, Edward Elgar: Cheltenham, 236-246, 1999.
57. "Risk Sharing and Market Incompleteness," (with W. Zame), in *The Theory of Markets and Their Functioning*, ed. P.J.J. Herings, G. van der Laan, and A.J.J. Talman, North-Holland: Amsterdam, 217-228, 1999.
58. "The Castle on the Hill," *Review of Economic Dynamics*, 3: 330-337, 2000.
59. "Introduction: The Dynamic Games Special Issue," (with A. Rustichini), *Review of Economic Dynamics*, 3: 213-215, 2000.
60. "Growth Cycles and Market Crashes," (with M. Boldrin), *Journal of Economic Theory*, 96: 13-39, 2001.
61. "Factor Saving Innovation," (with M. Boldrin), *Journal of Economic Theory*, 105: 18-41, 2001.
62. "Evolution and Information in a Gift Giving Game," (with P. Johnson and W. Pesendorfer), *Journal of Economic Theory*, 100: 1-22, 2001.
63. "Liquidity Constrained vs. Debt Constrained Markets," (with T. Kehoe), *Econometrica*, 69: 575-598, 2001.
64. "Game Theory," *Encyclopedia of Cognitive Science*, Nature Publishing Group: Basingstoke, 2001.
65. "Does Market Incompleteness Matter," (with W. Zame), *Econometrica*, 70: 1805-1840, 2001.
66. "The Case Against Intellectual Property," (with M. Boldrin), *American Economic Review Papers and Proceedings*, 92: 209-212, 2002.
67. "Information Aggregation, Currency Swaps, and the Design of Derivative Securities," (with B. Chowdhry and M. Grinblatt), *Journal of Political Economy*, 110: 609-633, 2002.
68. "Subjective Uncertainty Over Behavior Strategies: A Correction," (with E. Dekel and D. Fudenberg), *Journal of Economic Theory*, 104: 473-478, 2002.
69. "Lotteries, Sunspots and Incentive Constraints," (with T. Kehoe and E. Prescott), *Journal of Economic Theory*, 107: 39-69, 2002.
70. "Modeling Altruism and Spitefulness in Experiments," in *Critical Studies in Economic Institutions: Trust*, ed. G. M. Hodgson and E. L. Khalil, Edward Elgar: Cheltenham, 2002, reprinted from *Review of Economic Dynamics*.
71. "The Economics of Ideas and Intellectual Property," (with M. Boldrin), *Proceedings of the National Academy of Sciences*, 102: 1252-1256, 2004.
72. "Rent Seeking and Innovation," (with M. Boldrin), *Journal of Monetary Economics*, 51: 127-160, 2004.
73. "IER Lawrence Klein Lecture: The Case Against Intellectual Monopoly," (with M. Boldrin), *International Economic Review*, 45: 327-350, 2004.
74. "Learning to Play Bayesian Games," (with E. Dekel and D. Fudenberg), *Games and Economic Behavior*, 46: 282-303, 2004.
75. "Comments on Bruce Smith's Work," (with A. Rolnick and K. Shell), *Economic Theory*, 24: 733-739, 2004.
76. "Intellectual Property and the Efficient Allocation of Surplus from Creation," (with M. Boldrin), *Review of Research on Copyright Issues*, 2: 45-66, 2005.
77. "Innovacio - a verseny szemszögebol," (with M. Boldrin), *Kozgazdasagi Szemle*, LII: 537-555, 2005.
78. "Superstition and Rational Learning," (with D. Fudenberg), *American Economic Review*, 96: 1449-1476, 2005.
79. "Learning and Belief Based Trading," (with D. Fudenberg), *The Latin American Journal of Economics*, 42: 199-207, 2005.
80. "Globalization, Intellectual Property, and Economic Prosperity," (with M. Boldrin), *Spanish Economic Review*, 8: 23-34, 2006.
81. "Intellectual Property and the Efficient Allocation of Surplus from Innovations," (with M. Boldrin), in *Property Rights Dynamics. A Law and Economics Perspective*, ed. Donatella Porrini and Giovanni Battista Ramello, Routledge: London, 2006.
82. "A Dual Self Model of Impulse Control," (with D. Fudenberg), *American Economic Review*, 96: 1449-1476, 2006.
83. "An Economists Perspective on Multi-Agent Learning," (with D. Fudenberg), *Artificial Intelligence*,

- forthcoming, 2006.
84. "Can A Turing Player Identify Itself?," (with B. Szentes), *Economics Bulletin*, 1: 1-6, 2006.
 85. "Deterrence in the Cold War and the War on Terror," (with R. Levine), *Defence and Peace Economics*, 17: 605-617, 2006.
 86. "Continuous Time Limits of Repeated Games with Imperfect Public Monitoring," (with D. Fudenberg), *Review of Economic Dynamics*, 10: 173-192, 2007.
 87. "The Nash Threats Folk Theorem With Communication and Approximate Common Knowledge in Two Player Games," (with D. Fudenberg), *Journal of Economic Theory*, 132: 461-473, 2007.
 88. "Perfect Public Equilibrium When Players are Patient," (with D. Fudenberg and S. Takahashi), *Games and Economic Behavior*, 61: 27-49, 2007.
 89. "Policy Platforms, Campaign Spending and Voter Participation," (with H. Herrera and C. Martinelli), *Journal of Public Economics*, forthcoming, 2007.
 90. "Review: Beyond Individual Choice by Michael Bacharach with Natalie Gold and Robert Sugden," *Journal of Economic Literature*, forthcoming, 2007.
 91. "The Paradox of Voter Participation: A Laboratory Study," (with T. Palfrey), *American Political Science Review*, 101: 143-158, 2007.
 92. "Evolution of Cooperation Through Imitation," (with W. Pesendorfer), *Games and Economic Behavior*, 58: 293-315, 2007.
 93. "All the Interesting Questions, Almost All the Wrong Reasons," (with M. Boldrin), in *Revisiting Keynes*, ed. L. Pecchi and G. Piga, MIT Press: Cambridge, 2008.
 94. "Perfectly Competitive Innovation," (with M. Boldrin), *Journal of Monetary Economics*, 55: 435-453, 2008.
 95. "When is Reputation Bad," (with J. Ely and D. Fudenberg), *Games and Economic Behavior*, 63: 498-526, 2008.
 96. "Bankruptcy and Collateral in Debt Constrained Models," (with T. Kehoe), in *Macroeconomics in the Small and the Large*, ed. Roger E.A. Farmer, Edward Elgar: Cheltenham, 2008.
 97. "The Brother in Law Effect," (with F. Weinschelbaum and F. Zurita), *International Economic Review*, forthcoming, 2008.
 98. "A Model of Discovery," (with M. Boldrin), *American Economic Review P&P*, forthcoming, 2009.
 99. "Market Structure and Property Rights in Open Source," (with M. Boldrin), *Washington University Journal of Law & Policy*, 2009.
 100. "Does Intellectual Monopoly Help Innovation," (with M. Boldrin), *Review of Law and Economics*, 5: 2, 2009.
 101. "Market Size and Intellectual Property Protection," (with M. Boldrin), *International Economic Review*, 50: 855-881, 2009.
 102. "Repeated Games with Frequent Signals," (with D. Fudenberg), *Quarterly Journal of Economics*, 124: 233-265, 2009.
 103. "Learning-Theoretic Foundations for Equilibrium Analysis," (with D. Fudenberg), *Annual Review of Economics*, 1, 2009.
 104. "Self Confirming Equilibrium and the Lucas Critique," (with D. Fudenberg), *Journal of Economic Theory*, 144: 2354-2371, 2009.
 105. "The Slippery Slope of Concession," (with J. Hirshleifer and M. Boldrin), *Economic Inquiry*, 47: 197-205, 2009.

WORK IN PROGRESS

1. "Recursive Solutions of the Stand-in Consumer Problem," (with T. Kehoe and E. Prescott), *UCLA*, Minneapolis Federal Reserve Bank Conference on Endogenous Incomplete Markets, June 1998; Vigo Conference on Macroeconomic Dynamics, July 1998.
2. "Evolution Through Imitation in a Single Population," (with W. Pesendorfer), *UCLA*, presented at Stanford Theory Workshop, March 2000; Southern California Theory Conference, March 2000; ITAM Theory Workshop, May 2000.
3. "Auctions and Relationships," , World Econometric Meeting Discussion.
4. "Quantum Games Have No News For Economics," .
5. "Self Control, Risk Aversion, and the Allais Paradox," (with D. Fudenberg), *Washington University in St. Louis*, presented at Munich Conference on Behavioral Economics, Ohio State Theory Workshop.
6. "Appropriation and Intellectual Property," (with M. Boldrin), *WUSTL mimeo*.

7. "Monopoly and the Incentive to Innovate When Adoption Involves Switchover Disruptions," (with T. Holmes and J. Schmitz Jr), *NBER*.
8. "The Relationship of Economic Theory to Experiments," *wustl*.
9. "Quality Ladders, Competition and Endogenous Growth," (with M. Boldrin), *WUSTL*.

RESEARCH TOPICS

1. "Anarchy vs. the State," (with M. Boldrin and A. Rustichini).
2. "Growth and Trade under Perfect Competition," (with M. Boldrin)
3. "Learning and Preferences in Games," (with D. Fudenberg)
4. "Intellectual Monopoly," (with M. Boldrin)

DISSERTATIONS CHAIRED AT UCLA

1. [Guido Tabellini](#), 1984, "The Formation of Expectations and Central Bank Behavior," Director, Innocenzo Gasparini Institute for Economic Research (Italy)
2. [Yoon Ha Yoo](#), 1985, "Reputation and Signaling in a Model of Monetary Policy," Senior Research Fellow, Korea Development Institute (Korea)
3. [David Reiffen](#), 1985, "A Model of Heterogeneous Labor Markets," Federal Trade Commission
4. [In Ho Lee](#), 1992, "[Essays on Information Aggregation and Market Crashes](#)," Professor of Economics Seoul National University
5. [Youngse Kim](#), 1992, "[Learning and Equilibrium Selection in Games](#)," Professor, Yonsei University (Korea)
6. [Carolina Leme](#), 1993, "[External Debt and Foreign Direct Investment: The Brazilian Experience](#)," Centro Brasileiro De Analise E Planejamento (Brazil)
7. [Marco Celentani](#), 1993, "[Essays on Reputation](#)," Associate Professor, Carlos III of Madrid (Spain)
8. [Cesar Martinelli](#), 1993, "[Essays on the Political Economy of Economic Reform](#)," Professor, ITAM (Mexico)
9. [Jong-Won Yoon](#), 1994, "[Circuit Breakers and Price Discovery: Theory and Evidence \[2,3,4,6,7,T,A\]](#)," Assistant Secretary to the President of Korea
10. [Graciela Marine-Rodriguez](#), 1995, "[The Role of Counterfactuals in the Foundations of Equilibrium Concepts in Game Theory](#)," Researcher in Corporate Finance and Entrepreneurship, Witten Herdecke University
11. [Josef Perktold](#), 1995, "Asymmetric Information in Markets and In Economic Policy," Visiting Assistant Professor, University of Rochester
12. [Sawoong Kang](#), 1996, "[Essays on Social Learning and Optimal Committee Size](#)," Assistant Professor, Handong University (Korea)
13. [Tessie Su](#), 1997, "Investments in Human Capital, Technology, and Intangible Assets," Economists Incorporated
14. [Phillip Johnson](#), 1997, "[Essays on Capital Markets: Frictions and Social Forces](#)," Econ One
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