

Vincent P. Crawford

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Usual summer contacts:

Department of Economics, University of California, San Diego
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Personal

Born 6 April 1950 in Springfield, Ohio; U.S. Citizen
Married to Zoë M. Crawford

Education

A.B. Summa cum Laude in Economics, Princeton University, 1972
Ph.D. in Economics, Massachusetts Institute of Technology, 1976
M.A., University of Oxford, 2010 (unearned)

Current Positions

Drummond Professor of Political Economy, Department of Economics, University of Oxford, 1 January 2010- (Hick Bequests Committee, 2010-16, Convenor of Behavioural Economics Research Group, 2010- , Research Coordinator, 2011-, Interdivisional Research Ethics Committee, 2013- , Economics Department Recruitment Strategy Group, 2014- , Co-Placement Director, 2016-)
Fellow of All Souls College, 1 January 2010- (Academic Director, Humanitas Visiting Professorships in Economic Thought, 2011-14; Steward of Common Room, 2012-)
European Research Council Advanced Investigator, 2014-2019
Distinguished Professor Emeritus and Research Professor, Department of Economics, University of California, San Diego, 1 November 2009- (Assistant Professor 1976-81, Associate Professor 1981-85, Professor, 1985-97, and Distinguished Professor 1997-2009; Graduate Director, 1992-94, 2002-04; Chair, 1994-97; Research Director, 1997-98; Director, Economics Experimental and Computational Laboratory, 2000-06; Placement Director, 2002-03)
Research Network Fellow, CESifo, 2010-

Past Positions

Research Visitor, Institute for Mathematical Studies in the Social Sciences (IMSSS), July 1981, July 1984, and July 1985
Research Visitor, and Stanford Institute for Theoretical Economics (SITE), July 1994, July 2002, July 2006, July 2010, and July 2011, Stanford University
Research Visitor, Universitat Autònoma de Barcelona, December 1981
Visiting Scholar, Harvard University, 1982-83
Research Visitor, London School of Economics, October 1982
Research Visitor, University of Western Ontario, November 1982
Consultant (project "Assessment of Country Foreign Borrowing Strategies"), Country Policy Department, World Bank, 1984-85
Visiting Professor of Economics and Visiting Research Associate, Industrial Relations Section, Princeton University, 1985-86
Visiting Fellow, Australian National University, July-August 1988
Research Visitor, Santa Fe Institute, June-July 1990
Visiting Erskine Fellow, University of Canterbury (New Zealand), July-August 1991 and July-August 2003
Professeur Invité, Département et Laboratoire d'Economie Théorique et Appliquée, a joint research unit of Centre National de la Recherche Scientifique, Ecole des Hautes Etudes en Sciences Sociales, and Ecole Normale Supérieure), Paris, May 1998
Research Visitor, Centre for Economic Learning and Social Evolution (ELSE), University College London, November 1999, November 2000
Graduate Course on Advanced Game Theory, University of California, Berkeley, Spring 2003
Research Visitor, November 2004; and Research Visitor and Graduate Course on Microeconomics, August-September 2005, Singapore Management University
Research Visitor, Università Ca' Foscari di Venezia, December 2006 and December 2007
Visiting Fellow, Becker Friedman Institute for Research in Economics, University of Chicago, February-March 2011
Visiting Professor, Centre for Behavioural Economics, National University of Singapore, July-August 2013
Research Visitor, Princeton University, March 2016

Current Editorial Positions

Editor, *Games and Economic Behavior*, 2011- (Member, Editorial Board, 1988-2011 (Guest Editor of Special Issue "Adaptive Dynamics," Parts I and II, 1993)
Member, Editorial Advisory Board, *New Zealand Economic Papers*, 2007-
Member, Editorial Board, *Oxford Economic Papers*, 2010-

Past Editorial Positions

Member, Board of Editors, *Journal of Economic Literature*, 2010-2012
Co-Editor, *American Economic Review*, 2005-2009
Associate Editor, *Econometrica*, 2004-2007
Associate Editor, *Journal of Economic Behavior and Organization*, 2001-2004
Associate Editor, *Journal of Economic Theory*, 1986-96, 1998-2004 (Guest Editor of Symposium Issue "Experimental Game Theory," May 2002)

Refereeing

Academia Sinica, Taiwan, Research Award for Junior Research Investigators; Academic Press; *American Economic Journal: Microeconomics*; *American Economic Review*; *American Economic Journal: Microeconomics*; *American Journal of Agricultural Economics*; *American Political Science Review*; *Bell/Rand Journal of Economics*; British Academy, Newton International Fellowships; Cambridge University Press; *Canadian Journal of Economics*; Econometric Society Monograph Series; *Econometrica*; *Economic Journal*; *Economica*; *Economics Letters*; European Research Council; Harcourt Brace Jovanovich; *IEEE Transactions on Automatic Control*; *IEEE Transactions on Systems, Man, and Cybernetics*; *International Economic Review*; *International Journal of Game Theory*; Israel Science Foundation; John D. and Catherine T. MacArthur Foundation; John Simon Guggenheim Memorial Foundation; *Journal of Conflict Resolution*; *Journal of Economic Psychology*; *Journal of Environmental Economics and Management*; *Journal of Labor Economics*; *Journal of Mathematical Economics*, *Journal of Law, Economics, and Organization*; *Journal of Political Economy*; *Journal of Public Economics*; *Journal of Theoretical Biology*; Leverhulme Trust; *Management Science*; *Mathematical Social Sciences*; *Mathematics of Operations Research*; MIT Press; U.S. National Resident Matching Program; U.S. National Science Foundation; *Natural Resource Modelling*; Nuffield Foundation; Oxford University Press; Princeton University Press; *Proceedings of the National Academy of Sciences U.S.A.*; *Quarterly Journal of Economics*; *Review of Economic Studies*; *Scandinavian Journal of Economics*; Science, Social Science and Humanities Research Council of Canada; *Southern Economic Journal*; *Synthese*; Texas Sea Grant College Program; *Theory and Decision*; United States-Israel Binational Science Foundation

Other Professional Activities

Member, Econometric Society, 1972- (North American Standing Committee, 1979-81; Local Arrangements Chair, North American Summer Meetings, 1981; Fellow, 1990- ; Member, 2001 and 2011, and Chair, 2002, Nominating Committee for Fellows)
Charter Member, Game Theory Society, 1999- (Program Organizer for Economics, Management, Experimentation, and Evolution, GAMES 2000: First World Congress, Bilbao, 2000; Member, First Council, 2001-2003; Member, Program Committee, Third World Congress, Northwestern University, 2008)
Member, American Economic Association, 2005- (Search Committee for Editor, *Journal of Economic Literature*, 2008-2009; Ad Hoc Committee to Review Association Honors and Awards, 2009-2010; Honors and Awards Committee, 2008-2013)
Member, Royal Economic Society, 2010- (Council, 2013-2018; Nominations Committee, 2015-17)
Member, National Science Foundation Economics Advisory Panel, 1996-98
Member, National Science Foundation, Office of Science and Technology Infrastructure, Special Emphasis Panel for the Science and Technology Centers (STC): Integrative Partnerships Preproposal Competition, 1998
Member, Nominating Committee, Western Economic Association, 1999
Member, Executive Board, California Social Science Experimental Laboratory, University of California, Los Angeles, and California Institute of Technology, 1999-

Signatory, Brief for Certain Professors of Economics as *Amici Curiae* in Support of Respondents, F. Hoffman-LaRoche, LTD, et al., v. Empagran, S.A., et al., No. 03-724 in the Supreme Court of the United States, 2004

Organizer, invited session on "Limited Cognition and Strategic Thinking," European Economic Association Meeting, Milan, August 2008

Co-Organizer, Stanford Institute for Theoretical Economics (SITE) Summer Workshop on Psychology and Economics, 2008-

Member, Oversight Committee, Centre for Experimental Social Sciences, Nuffield College, University of Oxford, 2009-

Signatory, Comments of Concerned Auction Experts on the Medicare Competitive Bidding Program, submitted to Health Subcommittee, Ways and Means, U.S. House of Representatives, 2010

Member, Advisory Board, National University of Singapore Business School Centre for Behavioural Economics, 2012-

Grants (sole P.I. except where indicated)

University of California Regents' Summer Faculty Fellowship, "The Law of the Sea," 1978

National Science Foundation grant, "Arbitration of Bargaining Disputes," 1979-82

National Science Foundation grant, "Strategic Communication and Bargaining" (with Joel Sobel), 1982-84

National Science Foundation grant, "Bargaining in Long-Term Economic Relationships," 1984-86, 1987-89

National Science Foundation grant, "Game-Theoretic, Evolutionary, and Adaptive Approaches to Coordination," 1990-92

National Science Foundation grant, "Adaptive Dynamics in Coordination Games," 1992-94

Russell Sage Foundation grant (with Miguel Costa Gomes), "Experimental Studies of Behavior and Cognition in Normal-Form Games", 1997-98

National Science Foundation grant, "Experimental Studies of Strategic Sophistication and Cognition in Normal-Form Games," 1997-2000

National Science Foundation grant (with Jason Shachat), "Experimental Economics Laboratory Instrumentation", 1998-99

National Science Foundation grant, "Studying Cognition via Information Search in Game Experiments," 2001-05

European Research Council Advanced Grant, "BESTDECISION: Behavioural Economics and Strategic Decision Making: Theory, Empirics, and Experiments," 2014-19

Honors

Sigma Xi Book Award, 1972

Honorable Mention, Wolf Balleisen Memorial Prize, Princeton University, 1972

National Science Foundation Graduate Fellowship, 1972-75

Dissertation published in the series "Outstanding Dissertations in Economics," Garland Publishing, 1983

Elected Fellow of the Econometric Society, 1990

John Simon Guggenheim Memorial Fellowship, 1997-98

Listed in *Who's Who in Economics*, 1999- ; *Who's Who in America*, 2004- ; *Who's Who in American Education*, 2006- ; *Who's Who in Finance and Business*, 2006- ; *Who's Who* (United Kingdom), 2010-
Elected Member, First Council of the Game Theory Society, 2001-2003
Elected Overseas Fellow of Churchill College, Cambridge, 2001 (not taken up)
Elected Fellow of the American Academy of Arts and Sciences, 2003
UCSD Economics Department Faculty Teaching Award for Distinguished Teaching in a Graduate Advanced Elective Course, 2006
Elected Fellow of the British Academy, 2012-
Elected Member, Academia Europaea, 2014-

Invited Lectures and Mini-Courses

Invited lecture, Conference on "Strategic Reflections on Human Behavior" (in honor of Thomas Schelling), John F. Kennedy School of Government, Harvard University, May 1990
Invited lecture, Conference on Learning Equilibrium Behavior, Texas A&M University, 1994
Invited lecture series (5), Sixth Jerusalem Summer School in Economic Theory, "Evolution and Learning in Games and Economics," Institute for Advanced Studies, Hebrew University, 1995
Invited Symposium lecture, Econometric Society Seventh World Congress, Tokyo, 1995
Keynote speech, Canadian Theory Group conference on Advances in Economic Theory and Game Theory, Vancouver, 1996
Keynote speech, Second International Conference on Applications of Dynamic Models to Economics, National Central University (Chung-Li, Taiwan), 1996
Invited lecture series (2), Institute of Economics, Academia Sinica, Taipei, 1996
Invited lecture, Workshop X, "Evolution and Economics," International School of Economic Research, University of Siena, 1997
Plenary lecture, Fourth Annual French Meeting of Experimental Economics, Ecole Normale Supérieure de Cachan, Paris, 1998
Invited lecture, GAMES 2000: First World Congress of the Game Theory Society, Bilbao, 2000
Plenary lecture, International Meetings of the Economic Science Association (ESA), Pittsburgh, June 2003
Invited lecture, Far Eastern Meeting of the Econometric Society, Seoul, June 2004
Mini-Course on Behavioral Game Theory, Stockholm School of Economics, August 2004
Mini-Course on Behavioral Game Theory, School of Economics and Social Sciences (SESS) Distinguished Lecture and SESS Student Lecture, Singapore Management University, November 2004
Mini-Course on Strategic Thinking, Thailand Ministry of Finance Executive Program, July 2005
Keynote address, Arne Ryde Symposium on "Communication in Games and Experiments," Lund University, August 2007
Keynote lecture, North American Economic Science Association Meeting, Tucson, October 2007

"Semi-plenary" lecture, GAMES 2008 (Third World Congress of the Game Theory Society), Evanston, Illinois, July 2008

Mini-Course on Level- k Thinking, National Taiwan University and Academia Sinica, Taipei, October 2008

Masterclass on Structural Nonequilibrium Models of Strategic Thinking: Theory, Measurement, and Applications, CEMMAP (Center for Microdata Methods and Practice), University College London, March 2009

Behavioral, Social, and Computer Sciences Lecture, Calit² (California Institute for Telecommunications and Information Technology), University of California, San Diego, April 2009

Mini-Course on Limited Cognition, Strategic Thinking, and Learning in Games, Bonn Graduate School of Economics Summer School, July 2009

Mini-Course on Strategic Thinking, Paris School of Economics, May 2010

Mini-Course on Behavioral Game Theory, Asia Summer Institute in Behavioral Economics, National University of Singapore, July-August 2010, July 2011, July-August 2013

Short Course on Strategic Thinking, Milton Friedman Institute, University of Chicago, March 2011

Invited plenary lecture, International Meeting in Experimental and Behavioral Economics (IMEBE), Barcelona, April 2011

Economic Journal Lecture, Royal Economic Society Conference, London, April 2011

Invited lecture series, workshop on "Modelling Individual and Interactive Decision Processes," Warwick Mathematics Research Centre and Institute of Advanced Study, University of Warwick, April 2011

Invited lecture series, ECORE (Center for Operations Research and Econometrics and European Center for Advanced Research in Economics and Statistics) Summer School, Louvain-la-Neuve, Belgium, May 2011

Invited lecture, ESRC Game Theory Workshop on "Correlation and Coordination in Games," London School of Economics, June 2011

Invited lecture, Sanford C. Bernstein Conference on Controversies in Quantitative Finance, London, November 2011

SIRE Specialist Training Session, University of Edinburgh, April 2012

Invited Lecture, Workshop on Bounded Rationality, Paris School of Economics, May 2013

Invited Lecture, Symposium on Economic Theory, University of York, June 2013

Minicourse on Strategic Thinking, University of York, June 2013

Invited Lecture, Asian Meeting of the Econometric Society, National University of Singapore, August 2013

Murat Sertel Lecture, Association of Southern European Economic Theorists Annual Meeting, November 2013

Royal Economic Society Easter School, Brasenose College Oxford, March 2015

John von Neumann Distinguished Lecture, Brown University 250th Anniversary Symposium, May 2015

Keynote Lecture, First Chengdu International Symposium on Economic Studies, Southwestern University of Finance and Economics, April 2016

Tsinghua Distinguished Lecture on Theoretical and Behavioral Economics, May 2016

Seminar presentations since 1988 (excluding home institutions)

- 1988-89: Australian National University (6); Far-West Rotating Economic Theory Conference, San Diego; Flinders University/University of Adelaide; San Diego State University; Texas A&M University; University of New South Wales; University of North Carolina; University of Texas; University of Virginia
- 1989-90: American Economic Association Winter Meetings, Atlanta (by proxy); American Economic Association/Economic Science Association Winter Meetings, Atlanta (by proxy); Johns Hopkins University; Massachusetts Institute of Technology/Harvard University; Northwestern University; Workshop on Learning, Santa Fe Institute; University of California, Irvine; University of Chicago; University of Illinois
- 1990-91: Conference on Organizations and Games, International Center for Research in Mathematics (CIRM), Marseille-Luminy; London School of Economics; Oxford University; Santa Fe Institute (2); University of California, Berkeley; University of California, Riverside
- 1991-92: Florence Center for the History and Philosophy of Science Second Joint US-Italy Workshop on Knowledge, Belief, and Strategic Interaction, Castiglioncello; University of Arizona; University of California, Los Angeles; University of Canterbury, New Zealand (6); University of Melbourne; Workshop on Biology and Economics, Santa Fe Institute
- 1993-94: California Institute of Technology; Workshop on Evolutionary Game Dynamics in Biology and Economics, International Institute for Applied Systems Analysis (IIASA), Laxenburg (Austria); Russell Sage Foundation/National Bureau of Economic Research Conference on Behavior in Games, New York; University of Iowa; University of Wisconsin
- 1994-95: Econometric Society North American Winter Meetings, Washington (by proxy); Johns Hopkins University; Stanford Institute for Theoretical Economics Workshop on Evolutive Models; University of California, Berkeley; University of California, Santa Cruz; University of Illinois
- 1995-96: Econometric Society Seventh World Congress, Tokyo; Cornell University; University of Arizona (2); Simon Fraser University; Second International Conference on Applications of Dynamic Models to Economics, National Central University, Taiwan
- 1996-97: Northwestern University Summer Workshop in Microeconomic Theory
- 1997-98: DELTA, EHESS, Paris; Séminaire Roy, CERAS, École Nationale des Ponts et Chaussées, Paris
- 1998-99: Summer meeting, MacArthur Foundation Network on Economic Environments and the Evolution of Individual Preferences and Social Norms, Hoover Institution, Stanford University; Conference on Mental Models in Games, Università Ca' Foscari di Venezia; UCLA/Caltech Theory and Experiment Workshop; Harvard/MIT Joint Theory Workshop; Harvard University Behavioral Economics Workshop; Brown University; University of Texas; Rice University/University of Houston; Northwestern University; University of Chicago

1999-2000: University of California, San Diego, Mental Models in Social Science Conference; University of California, San Diego, Psychology Department; Virginia Polytechnic Institute; University College London; Cambridge University; Washington University, St. Louis

2000-2001: First World Congress of the Game Theory Society, Bilbao, Spain, 2000; University of California, Irvine; University College London; Northwestern University; University of California, San Diego, Cognitive Science Department; Hong Kong Game Theory Conference, City University of Hong Kong; Hong Kong University of Science and Technology

2001-2002: University of Pennsylvania; San Diego Southwest Economic Theory Conference; Princeton University; Stanford University

2002-2003: Russell Sage/Berkeley Summer Institute in Behavioral Economics; Stanford Institute for Theoretical Economics (SITE) Workshop on Psychology and Economics; Workshop on Coordination, Incomplete Information, and Iterated Dominance: Theory and Empiricists, Universitat Pompeu Fabra, Barcelona; University of California, Berkeley; University of California, Los Angeles

2003-2004: University of Canterbury (New Zealand); University of Auckland; Yale Law School; UCSD Department of Psychology; University of Chicago; American Economic Association Winter Meetings, San Diego; Yale School of Management; Instituto Tecnológico Autónomo de México (ITAM), Mexico City; Theory Mini-Conference before Far Eastern Meeting of the Econometric Society, Seoul

2004-2005: Stockholm School of Economics; University of California, Riverside; University of the Peloponnese

2005-2006: Singapore Management University (2); Northwestern University (2); Montreal Economic Theory Seminar (Concordia University, McGill University and the University of Montreal); University of California, San Diego, Department of Psychology; University of Arizona; California Institute of Technology; University of California, Santa Barbara; Workshop on Experimental Economics and Econometrics, Northwestern University

2006-2007: New York University Center for Experimental Social Science, Methodologies of Modern Economics Conference; New York University; Università Ca' Foscari di Venezia (2); Econometric Society North American Winter Meetings, Chicago; American Economic Association Winter Meetings, Chicago; University of California, Berkeley; Barcelona-Jocs seminar (Universitat Autònoma de Barcelona, Universitat de Barcelona, Universitat Pompeu Fabra, IAE, ICREA, Universitat Politècnica de Catalunya, Universitat de Girona); London School of Economics

2007-2008: University of California, Irvine; American Economic Association Winter Meetings, New Orleans; Haas School of Business, University of California, Berkeley; New York University Center for Experimental Social Science, Methodologies of Modern Economics Conference, New York University; University of Pennsylvania

2008-2009: NSF Workshop on Behavior, Computation and Networks in Human Subject Experimentation, Del Mar, California; European Economic Association Summer Meeting, Milan (2); University of California, Berkeley; Academia Sinica, Taipei; National Dong Hwa University, Taiwan; University of Oxford; Economic Science Association North American Meeting, San Francisco; CEMMAP (Center for Microdata Methods and Practice)/ELSE Workshop on "Experimental Analysis of Procedural Rationality in Games and Decisions", University College London

2009-2010: University of Bonn Economics Research Seminar, Paris School of Economics

2010-2011: University of Chicago (2)

2011-2012: Stanford Institute for Theoretical Economics (SITE) Summer Workshop on Psychology and Economics, University of Cambridge, University of Bristol

2012-13: Paris School of Economics, University of York, National University of Singapore

2013-14: Stanford Institute for Theoretical Economics (SITE) Summer Workshop on Psychology and Economics

2014-15: University of Leicester; Conference on "Frontiers in Economics and Psychology", University College London; Conference on "Advances in the Social Sciences" in Honor of H. Peyton Young, University of Oxford

2015-16: Conference on "Economic Design: The Economist as Engineer" in honor of Alvin Roth, University of Exeter; Princeton University (2), Sichuan University (2), Southwestern University of Finance and Economics (2), Peking University (2), Tsinghua University

Publications

"Learning the Optimal Strategy in a Zero-Sum Game," *Econometrica* 42 (September 1974), 885-891

"A Game of Fair Division," *Review of Economic Studies* 44 (June 1977), 235-247
Reprinted with additions in Vincent P. Crawford, *Essays in Economic Theory*, New York and London: Garland Publishing, 1983, 43-91

"A Procedure for Generating Pareto-Efficient Egalitarian-Equivalent Allocations," *Econometrica* 47 (January 1979), 49-60

"On Compulsory-Arbitration Schemes," *Journal of Political Economy* 87 (February 1979), 131-159

"Fair Division with Indivisible Commodities" (with Walter P. Heller), *Journal of Economic Theory* 21 (August 1979), 10-27

"Distortion of Preferences and the Nash Theory of Bargaining" (with Hal R. Varian), *Economics Letters* 3 (1979), 203-206 (see also Figure 1 on 223!)
Reprinted in William Thomson, editor, *Bargaining and the Theory of Cooperative Games: John Nash and Beyond*, Cheltenham, U.K.: Edward Elgar Publishing, Ltd., 2010

"A Self-Administered Solution of the Bargaining Problem," *Review of Economic Studies* 47 (January 1980), 385-392

"A Note on the Zeuthen-Harsanyi Theory of Bargaining," *Journal of Conflict Resolution* 24 (September 1980), 525-535

"Maximin Behavior and Efficient Allocation," *Economics Letters* 6 (1980), 211-215

- "Job Matching with Heterogeneous Firms and Workers" (with Elsie Marie Knoer), *Econometrica* 49 (March 1981), 437-450
- "Arbitration and Conflict Resolution in Labor-Management Bargaining," *American Economic Review Papers and Proceedings* 71 (May 1981), 205-210
- "Social Security and the Retirement Decision" (with David M. Lilien), *Quarterly Journal of Economics* 96 (August 1981), 505-528; "Erratum," 97 (February 1982), 191
- "Compulsory Arbitration, Arbitral Risk, and Negotiated Settlements: A Case Study in Bargaining under Imperfect Information," *Review of Economic Studies* 49 (January 1982), 69-82
- "A Comment on Farber's Analysis of Final-Offer Arbitration," *Journal of Conflict Resolution* 26 (March 1982), 157-160
- "A Theory of Disagreement in Bargaining," *Econometrica* 50 (May 1982), 607-637
Reprinted in Ken Binmore and Partha Dasgupta, editors, *The Economics of Bargaining*, Oxford and New York: Basil Blackwell, 1987, 121-154
- "Comparative Statics at Irregular Extrema," *Economics Letters* 10 (1982), 197-200
- "Strategic Information Transmission" (with Joel Sobel), *Econometrica* 50 (November 1982), 1431-1451
Abstracted in *Economic Journal* 93 (1983 Supplement), 140-141
- "Job Matching, Coalition Formation, and Gross Substitutes" (with Alexander S. Kelso, Jr.), *Econometrica* 50 (November 1982), 1483-1504
- "The Theory of Contracts and Agency" (with J. Luis Guasch), *American Journal of Agricultural Economics* 65 (May 1983), 373-379
Essays in Economic Theory, published in the series "Outstanding Dissertations in Economics," New York and London: Garland Publishing, 1983; reprinted as a "Routledge revival", Taylor and Francis, 2015
- "Comparative Statics of Mixed-Strategy Equilibria in Non-Cooperative Two-Person Games" (with Dennis E. Smallwood), *Theory and Decision* 61 (May 1984), 225-232
- "Bargaining, Strategic Reserves, and International Trade in Exhaustible Resources" (with Joel Sobel and Ichiro Takahashi), *American Journal of Agricultural Economics* 66 (November 1984), 472-480
- "Learning Behavior and Mixed-Strategy Nash Equilibria," *Journal of Economic Behavior and Organization* 6 (March 1985), 69-78
Earlier version in Vincent P. Crawford, *Essays in Economic Theory*, New York and London: Garland Publishing, 1983
- "Dynamic Games and Dynamic Contract Theory," *Journal of Conflict Resolution* 29 (June 1985), 195-224
- "Efficient and Durable Decision Rules: A Reformulation," *Econometrica* 53 (July 1985), 817-835
- "The Role of Arbitration and the Theory of Incentives," in Alvin Roth, editor, *Game-Theoretic Models of Bargaining*, Cambridge and New York: Cambridge University Press, 1985, 363-390
- "Bargaining and Competition in Matching Markets" (with Sharon C. Rochford), *International Economic Review* 27 (June 1986), 329-348
- "Short-Term Contracting and Strategic Oil Reserves" (with Norman Clifford), *Review of Economic Studies* 54 (April 1987), 311-323

- "Review of *Superfairness: Applications and Theory* by William J. Baumol," *Economic Journal* 97 (September 1987), 749-751
- "Fair Division," in vol. 2 of John Eatwell, Murray Milgate, and Peter Newman, editors, *The New Palgrave: A Dictionary of Economics*, London: Macmillan Press and New York: Stockton Press, 1987, 274-275
- Reprinted in John Eatwell, Murray Milgate, and Peter Newman, editors, *Game Theory*, Published in the series "The New Palgrave: Selected Reprints," London and New York: W. W. Norton, 1989, 145-148
- International Lending, Long-Term Credit Relationships, and Dynamic Contract Theory*, Princeton Study in International Finance No. 59, Princeton, New Jersey: Princeton University Press, 1987
- "Long-Term Relationships Governed by Short-Term Contracts," *American Economic Review* 78 (June 1988), 485-499
- "Learning and Mixed-Strategy Equilibria in Evolutionary Games," *Journal of Theoretical Biology* 140 (23 October 1989), 537-550
- Reprinted in Cristina Bicchieri, Richard Jeffrey, and Brian Skyrms, editors, *The Dynamics of Norms*, Cambridge and New York: Cambridge University Press, 1997, 131-147
- "Equilibrium without Independence," *Journal of Economic Theory* 50 (February 1990), 127-154
- "On the Definition of an Evolutionarily Stable Strategy in the 'Playing the Field' Model," *Journal of Theoretical Biology* 143 (22 March 1990), 269-273
- "Explicit Communication and Bargaining Outcomes," *American Economic Review Papers and Proceedings* 80 (May 1990), 213-219
- "Relationship-Specific Investment," *Quarterly Journal of Economics* 105 (May 1990), 561-574
- "Learning How to Cooperate: Optimal Play in Repeated Coordination Games" (with Hans Haller), *Econometrica* 58 (May 1990), 571-595
- "Nash Equilibrium and Evolutionary Stability in Large- and Finite-Population 'Playing the Field' Models," *Journal of Theoretical Biology* 145 (9 July 1990), 83-94
- Reprinted, with minor changes and additions, as "Nash Equilibrium and Evolutionary Stability in Large and Finite Populations," in *Annales d'Economie et de Statistique* No. 25/26 (January/June 1992), 299-313
- "An 'Evolutionary' Interpretation of Van Huyck, Battalio, and Beil's Experimental Results on Coordination," *Games and Economic Behavior* 3 (February 1991), 25-59
- Reprinted in Thomas Palfrey, editor, virtual special issue of *Games and Economic Behavior* on "Experimental Game Theory", March 2010;
http://www.elsevier.com/wps/find/S04.cws_home/vsi_geb
- "Comparative Statics in Matching Markets," *Journal of Economic Theory* 54 (August 1991), 389-400
- "Thomas Schelling and the Analysis of Strategic Behavior," 265-294 in Richard Zeckhauser, editor, *Strategy and Choice*, Cambridge: MIT Press, 1991
- Special Issue on Adaptive Dynamics, Part I (guest editor) and "Introduction: Adaptive Dynamics, Part I," *Games and Economic Behavior* 5 (July 1993), 315-319
- Special Issue on Adaptive Dynamics, Part II (guest editor) and "Introduction: Adaptive Dynamics, Part II," *Games and Economic Behavior* 5 (October 1993), 509-513

- "Adaptive Dynamics in Coordination Games," *Econometrica* 63 (January 1995), 103-143
- "Theory and Experiment in the Analysis of Strategic Interaction," in David Kreps and Ken Wallis, editors, *Advances in Economics and Econometrics: Theory and Applications, Seventh World Congress, Vol. I*, Econometric Society Monographs No. 27, Cambridge, U.K., and New York: Cambridge University Press, 1997, 206-242
Reprinted with minor changes and additions in Colin Camerer, George Loewenstein, and Matthew Rabin, editors, *Advances in Behavioral Economics*, Princeton, NJ: Princeton University Press, 2003, 344-373
- "A Survey of Experiments on Communication via Cheap Talk," *Journal of Economic Theory* 78 (February 1998), 286-298
- "What Price Coordination? The Efficiency-enhancing Effect of Auctioning the Right to Play" (with Bruno Broseta), *American Economic Review* 88 (March 1998), 198-225
- "Learning Dynamics, Lock-in, and Equilibrium Selection in Experimental Coordination Games," in Ugo Pagano and Antonio Nicita, editors, *The Evolution of Economic Diversity*, London and New York: Routledge, 2001, 133-163
- "Review of *Games of Strategy* by Avinash Dixit and Susan Skeath," *Journal of Economic Literature* 39 (September 2001), 904-905
- "Cognition and Behavior in Normal-Form Games: An Experimental Study" (with Miguel Costa-Gomes and Bruno Broseta), *Econometrica* 69 (September 2001), 1193-1235
Reprinted in Enrica Carbone and Chris Starmer, editors, *New Developments in Experimental Economics*, Northampton, MA: Edward Elgar, 2007
- "John Nash and the Analysis of Strategic Behavior," *Economics Letters* 75 (May 2002), 377-382
Reprinted in Greek translation, with minor changes, as "Ο John Nash και η ανάλυση της στρατηγικής συμπεριφοράς," in *Θεωρία Παιγνίων: Αφιέρωμα στον John Nash (Game Theory: A Festschrift in Honor of John Nash)*, Constantina Kottaridi and Gregorios Siourounis, editors, Athens: Eurasia Publications, 2002
- Symposium Issue on Experimental Game Theory (editor) and "Introduction to Experimental Game Theory," *Journal of Economic Theory* 104 (May 2002), 1-15
- "Review of *Rational Ritual: Culture, Coordination, and Common Knowledge* by Michael Suk-Young Chwe," *Journal of Economic Literature* 40 (June 2002), 577-578
- "Lying for Strategic Advantage: Rational and Boundedly Rational Misrepresentation of Intentions," *American Economic Review* 93 (March 2003), 133-149
- "A Dual Dutch Auction in Taipei: The Choice of Numeraire and Auction Form in Multi-Object Auctions with Bundling" (with Ping-Sing Kuo), *Journal of Economic Behavior and Organization* 51 (August 2003), 427-442; see also photographs by Zoë M. Crawford at <http://dss.ucsd.edu/~vcrawfor/Photos.html#EveMkt>
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