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Current position

Professor of Economics, University of California, Santa Barbara

Areas of specialisation

Pure and Applied Micro-Economic Theory, Public Finance, Welfare Economics, Resource Economics, Health Economics, Game Theory, Economic Anthropology

Appointments held

1966-1975 Assistant Professor, Associate Professor, Professor, Washington University in St. Louis
1975-1996 Professor of Economics, University of Michigan
1997- Professor of Economics, University of California Santa Barbara

Education

1958 Cambridge (Mn) High School
1962 AB in mathematics, Carleton College
1967 PhD in economics, Stanford University

Honors & Awards

Honorary Doctorate, Uppsala University
Fellow of the Econometric Society
SPARC Innovator Award (Association of Research Libraries)
Economic Theory Fellow (Society for the Advancement of Economic Theory)
Distinguished Fellow of the American Economics Association

Publications

JOURNAL ARTICLES

- 1970 "A 'Scandinavian Consensus' Solution for Efficient Income Distribution Among Non-malevolent Consumers", *Journal of Economic Theory* 2: 383-398
- 1971 "On the Existence and Optimality of Competitive Equilibrium for a Slave Economy", *Review of Economic Studies* 38: 23-36.
- 1971 "Interrelated Consumer Preference and Voluntary Exchange," *In Papers in Quantitative Economics, Volume II, ed. Arvid Zarley, Kansas University Press, 79-94*
- 1973 "A Note on Efficient Taxation", *Journal of Political Economy* 81: 187-191.
- 1973 "Private demands for public goods" (with Robert Goodman), *American Economic Review* 63: 3 280-296.
- 1973 "On Efficient Provision of Social Overhead Goods" *In Yearbook for East European Studies, Volume 4, ed. Gunter Olzog Verlag, 11-42 18: 639-641.*
- 1973 "The Use of Markets to Control Pollution", *Recherches Economiques De Louvain* 39 4. 403-418
- 1974 "Preference and Choice in Matters of Life and Death", *Applying Cost-Benefit Concepts to Projects which alter Human Mortality*, ed. J. Hirschleifer, T. Bergstrom, E. Rappaport, UCLA School of Engineering Research Report
- 1975 "The Core When Strategies are Restricted by Law", *Review of Economic Studies* 42: 259-257
- 1975 "Maximal Elements of Acyclic Relations on Compact Sets" *Journal of Economic Theory*, 10 3 403-404
- 1976 "Regulation of Externalities," *Journal of Public Economics*, 5: 131-138
- 1976 "Toward a Deeper Economics of Sleeping," *Journal of Political Economy*, 84: 411-413
- 1976 "How to Dispose of Free Disposability - At No Cost" , *Journal of Mathematical Economics*, 3, 131-134
- 1976 "Preference Which have Open Graphs" (with Trout Rader and Robert Parks) *Journal of Mathematical Economics*, 3:265-268
- 1977 "Collective Choice and the Lindahl Allocation Method" in *Economics of Externalities*, ed. S.Y. Lin, New York: Academic Press, 111-131
- 1978 "An Economic Approach to Social Choice II" (with Trout Rader) *Public Choice* 33: 17-32
- 1979 "When Does Majority Rule Supply Public Goods Efficiently?" *Scandinavian Journal of Economics* 81: 216-226
- 1979 "Do governments spend too much?" *National Tax Journal* 31: 81-86
- 1980 "Efficiency Inducing Taxation of a Monopolistically Supplied Natural Resource" (with John Cross and Richard Porter) *Journal of Public Economics* 15:23-32
- 1981 "Gorman and Musgrave are Duals - An Antipodean Theorem on Public Goods" (with Richard Cornes) *Economic Letters* 7:371-378
- 1982 "When Is a Man's Life worth More than his Human Capital?" , *In The Value of Life and Safety*, ed. Michael Jones-Lee, New York: North-Holland, 3-26
- 1982 "On Capturing Oil Rents with a National Excise Tax", *American Economic Review* 72: 1194-201
- 1982 "Medical Care, Medical Insurance, and Survival Probability - The True Cost of Living", *In Economic Aspects of Health*, ed. Victor Fuchs, NBER, 299-323
- 1982 "Micro-based Estimates of Demand for Local Public Goods" (with Dan Rubinfeld and Perry Shapiro), *Econometrica* 50: 5 1183-1205
- 1983 "Independence of Allocative Efficiency From Distribution in the Theory of Public Goods" (with Richard Cornes), *Econometrica*, 51: 6 1753-1765

- 1983 “Counting Groves-Ledyard Equilibria via Degree Theory” (with Carl Simon and Charles Titus) *Journal of Mathematical Economics* 12: 167-184.
- 1984 “Property Rights and Taxation in the Australian Minerals Sector” In *The Minerals Sector and the Australian Economy*, eds. Larry Cook and Michael Porter, Sydney: Allen and Unwin, 175-190
- 1985 “Two Remarks on Cournot Equilibrium” (with Hal Varian), *Economics Letters* 19: 5-8
- 1985 “When Do Market Games Have Transferable Utility?” (with Hal Varian) *Journal of Economic Theory* 35: 222-233
- 1985 “When are Nash Equilibria Independent of Agents’ Characteristics” (with Hal Varian) Review of Economic Studies 52: 4 715-718
- 1986 “Soldiers of Fortune” in *Essays in Honor of K.J. Arrow*, eds. Walter P. Heller and Ross Starr, Cambridge: Cambridge Univ. Press
- 1986 “On the Private Provision of Public Goods” (with Hal Varian and Larry Blume) *Journal of Public Economics* 29: 25-49
- 1987 “Free Disposal” In *The New Palgrave*, eds. John Eatwell, Murray Milgate, and Peter Newman, New York: The Stockton Press
- 1988 “A Test for Efficiency in the Supply of Public Education” (with Judith Roberts, Perry Shapiro, and Dan Rubinfeld), *Journal of Public Economics* 35: 289-307
- 1989 “Love and Spaghetti, the Opportunity Cost of Virtue” *Journal of Economic Perspectives* 3: 2 165-173
- 1989 “Recovering Event Histories by Cubic Spline Interpolation” (with David Lam) *Mathematical Population Studies* 1, 327-355
- 1989 “The Effects of Cohort Size on Marriage Markets in Twentieth Century Sweden” (with David Lam) In *The Family, the Market, and the State in Industrialized Countries*, Oxford: Oxford Univ. Press
- 1989 “A Fresh Look at the Rotten Kid Theorem” *Journal of Political Economy* 97: 5 1138-1159
- 1990 “On the Economics of Crime and Confiscation” *Journal of Economic Perspectives* 4: 3 171-178
- 1991 “Some Simple Analytics of Peak-Load Pricing” (with Jeff MacKie-Mason) *The Rand Journal* 22: 2 241-249
- 1992 “When Non-transitive Relations Take Maxima and Competitive Equilibria Can’t be Beat” In *Economic Theory and International Trade*, ed. William Neufeind, Berlin: Springer Verlag, 29-52
- 1992 “Uniqueness of Nash Equilibrium in Private Provision of Public Goods: An Improved Proof” (with Larry Blume and Hal Varian) *Journal of Public Economics* 49: 391-392
- 1993 “Courtship as a Waiting Game” (with Mark Bagnoli) *Journal of Political Economy* 101: 1 185-202
- 1993 “How Altruism Can Prevail in Evolutionary Environments” (with Oded Stark) *American Economic Review* 83: 2 149-155
- 1995 “Hotelling Location Problems with Directional Constraints: An Application to Television News Scheduling” (with Angela Bills and Maria Cancian) *Journal of Industrial Economics* 43: 1 121-124
- 1995 “On the Evolution of Altruistic Ethical Rules for Siblings” *American Economic Review* 85: 1 58-81
- 1996 “Do Government Subsidies Increase the Private Supply of Public Goods?” (with James Andreoni) *Public Choice* 88: 295-308
- 1996 “The Political Economy of Subsidized Day Care” (with Sören Blomquist) *European Journal of Political Economy*, 12: 443-457
- 1996 “Income Prospects and Age of Marriage” (with Robert Schoeni) *Population Economics* 9: 115-130
- 1996 “Nonsubstitution Theorems for a Small Trading Country” *Pacific Economic Review*, 1: 117-135
- 1996 Comment on the welfare loss from price distortion in *Economics with no special technology* by Trout Rader and W.F.Gossling
- 1996 “Economics in a Family Way” *Journal of Economic Literature*: 34: 4 1903-1934

- 1997 "A Survey of Theories of the Family" In *Handbook of Population and Family Economics*, Mark Rosenzweig and Oded Stark, eds.
- 1999 "Systems of Benevolent Utility Functions" *Journal of Public Economic Theory*, 1: 1 71-100
- 1999 "Does Mother Nature Punish Rotten Kids" (with Carl Bergstrom) *Journal of Bioeconomics*, 1: 47-72
- 2001 "Free Labor for Costly Journals?" *Journal of Economic Perspectives*, 15, 183-198
- 2001 "Bargaining for Electronic Journal Rights: Weakness in Numbers" *Uppsala Universitet Research* 10-20
- 2002 "Evolution of Social Behavior: Individual and Group Selection" *Journal of Economic Perspectives*, 16: 2 231-238
- 2003 "Vernon Smith's Insomnia and the Dawn of Experimental Economics" *Scandinavian Journal of Economics*, 105, 2: 181-205
- 2003 "The Iron Law of Selfishness: Response to a Comment by Alexander Field" *Journal of Economic Perspectives*, 96: 211-212
- 2003 "The Algebra of Assortative Encounters and the Evolution of Cooperation" *International Game Theory Review* 5: 3 211-228
- 2003 Comment on "How Do People Make Transfers in the Family?" (paper by Donald Cox) *Death and Dollars: The Role of Gifts and Bequests in America*, edited by Alicia Munnell and Annika Sunden, Brookings Institution Press, 197-201
- 2004 "The Costs and Benefits of Library Site Licenses to Academic Journals" (with Carl Bergstrom) *Proceedings of the National Academy of Sciences*, 101, 3, 891-902
- 2005 "Log Concave Probability and Its Applications" (with Mark Bagnoli) *Economic Theory*, 26, 2, 445-469
- 2005 "Extracting Valuable Data from Classroom Trading Pits" (with Eugene Kwok) *Journal of Economics Education*, 36, 3]
- 2006 *Natural Kantians or Zooeconomicus: Theories of Altruism and Selfishness Among Men and Beasts* *Handbook of Giving, Reciprocity, and Altruism*, ed. L.A. Gerard-Varet, S.C. Kolm, J. Mercier Ythier. New York: Elsevier, 771-817.
- 2006 "Benefit Cost in a Benevolent Society" *American Economic Review*, 96, 1, 339-351 "The Economics of Ecology Journals" (with Carl Bergstrom) *Frontiers in Ecology and Evolution*, 4: 9, 488-495
- 2007 "Some Evolutionary Economics of Family Partnerships" *American Economic Review*, 97, 2, 482-486
- 2008 "Demographics and the Political Sustainability of Pay-as-you-go Social Security" (with John Hartman) *Pension Strategies in Europe and the U.S.* ed. Robert Fenge and Pierre Pestieau. New York: MIT Press, 117-140
- 2007 "The Rotten Kid Theorem" *The New Palgrave Dictionary of Economics*, Second Edition, online edition
- 2009 "Teaching Economics Interactively: A Cannibal's Dinner Party" *Journal of Economic Education* 40, 4 366-384
- 2009 "Differences in Impact Factor Across Fields and Over Time" (with Benjamin Althouse, Jevin West and Carl T. Bergstrom) *Journal of the American Society of Information Science and Technology*, 60, 1, 27-34
- 2009 "One Chance in a Million: Altruism and the Bone Marrow Registry" (with Rod Garratt and Damien Sheehan-Connor) *American Economic Review*, 99, 2, 1309-1334
- 2009 "Simple Economies with Multiple Equilibria" (with Ken-Ichi Shimemura and Takehiko Yamato) *The B.E. journal of Theoretical Economics*, 9, 1
- 2010 "Alternative Designs for Academic Publishing" (with Daniel Rubinfeld) Chapter in *Working Within Boundaries of Intellectual Property: Innovation Policy for the Knowledge Society* New York:

- Oxford University Press, 137-148
- 2010 “A Public Choice Framework for Controlling Transmissible and Evolving Diseases” (with Benjamin Althouse and Carl T. Bergstrom) *Proceedings of the national Academy of Science*, 107, Supp 1, 1696-1701
- 2010 “The Uncommon Insight of Elinor Ostrom” *Scandinavian Journal of Economics*, 112, 2, 245-261
- 2010 “The Eigenfactor Metrics: A Network Approach to Assessing Scholarly Journals” (with Carl Bergstrom and Jevin West) *College and Research Libraries*, 71, 236-244
- 2010 “Librarians and the Terrible Fix: Economics of the Big Deal” *Serials*, 23, 2, 77-82
- 2010 “Big Macs and Eigenfactor Scores: Don’t Let Correlation Coefficients Fool You” (with Jevin West and Carl Bergstrom) *Journal of the American Society of Information Science and Technology*, 61, 9, 1800-1807
- 2012 “The Darwin Economy: Liberty, Competition, and the Common Good,” *Journal of Economic Literature*, 50, 3, 792-795. Book Review
- 2012 “Stem Cell Donor Matching for Patients of Mixed Race,” with Rodney Garratt and Damien Sheehan-Connor *The B.E. Journal of Economic Analysis Policy*. 12, 1, Article 30
- 2012 “Choosing Partners: A Classroom Experiment” (with Carl Bergstrom and Rodney Garratt) *Journal of Economic Education*, 44,1,47-57
- 2013 “Measures of Assortativity,” *Biological Theory*, 8, 2, 133-141
- 2014 “On the Evolution of Hoarding, Risk-Taking, and Wealth Distribution in Nonhuman and Human Populations” *Proceedings of the National Academy of Sciences*, 111, sup 3, 10860-10867
- 2014 “Evaluating Big Deal Journal Bundles” (with Preston McAfee, Paul Courant, and Michael Williams) *Proceedings of the National Academy of Sciences*, 111, 26, 9425-9430
- 2015 “Saving Lives with Stem Cell Transplants” (with Rodney Garratt and Damien Sheehan-Connor) *Journal of Risk and Uncertainty* 51:23-51
- 2016 “Rationality and Personality in a Restaurant Entry Game: Is there an Entrepreneurial Personality? (With Shane Pareto and Jon Sonstelie” *BE Journal of Theoretical Economics* 16, 1 411-33
- 2017 The Good Samaritan and Traffic on the Road to Jericho. *American Economic Journal: Microeconomics* 9: 2 33-53
- 2019 Do Download Reports Reliably Measure Journal Usage? Trusting the Fox to Count Your Hens, *College and Research Libraries* 80: 5
- 2019 Let me or let George? Motives of Competing Altruists (With Rod Garratt and Greg Leo *Games and Economic Behavior* 118: November 269-283
- 2020 “Frequency and Accuracy of Proactive Testing for COVID-19” (with Carl Bergstrom and Haoran Li) *MedArXiv preprint server* Sept 8, 2010

TEXTBOOKS

- Workouts in Intermediate Microeconomics* (with Hal Varian)
Experiments with Microeconomic Principles (with John Miller)

UNPUBLISHED PAPERS

- 1973 [Competitive equilibrium without transitivity, monotonicity, or local nonsatiation](#) Washington University St. Louis economics department working paper.
- 1975 [The existence of maximal elements and equilibria in the absence of transitivity](#), Washington University, St. Louis economics department working paper
- 1978 [Cournot equilibrium in factor markets](#) University of Michigan economics department working

paper

1983 [Can Courtship be Cheatproof?](#) (with Richard Manning, University of Michigan working paper

1989 [The two-sex problem and the marriage squeeze in an equilibrium model of marriage markets](#) (with David Lam), University of Michigan working paper

1994 [Primogeniture, Monogamy, and Reproductive Success in a Stratified Society](#) University of Michigan working paper

1994 [On the economics of polygyny](#) University of Michigan working paper

1997 [Storage for good times and bad: Of rats and men](#) University of Michigan working paper

2003 [An evolutionary view of family conflict and cooperation](#) UCSB working paper

2007 [Solving the beautiful mind coordination game](#) UCSB working paper

2009 [Ethics, evolution, and games among neighbors](#) UCSB working paper

2017 [When was Coase right?](#) UCSB working paper

2017 [Efficient ethical rules for volunteers' dilemma](#), UCSB working paper

2019 [Looking under the counter for overcounted downloads](#))with Kristin Antelman and Richard Uhrig) UCSB working paper

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