

## VITA

### Theodore C. Bergstrom

#### Address:

##### Work:

Department of Economics  
University of California Santa Barbara  
Santa Barbara, CA, 93105  
(805) 893-3744  
FAX (805) 893-8830  
e-mail tedb@econ.ucsb.edu

##### Home:

1103 Crestline  
Santa Barbara, CA, 93106  
(805) 682-4405

**Birth Date:** August 27, 1940

**Marital Status:** Married, two children

#### Education:

Carleton College (Northfield, Minnesota)  
AB (Mathematics), June, 1962  
Stanford University  
Ph.D. (Economics), 1967

#### Honors and Honorary Degree

Fellow of Econometric Society  
Honorary Ph.D. Uppsala University

#### Employment

Assistant Professor, Associate Professor, and Professor,  
Washington University, St. Louis, 1966-1975.  
Professor, University of Michigan, 1975-1996  
Professor of Economics, University of California at Santa Barbara, (holder of Cherie  
and Aaron Raznick Chair in Economics) 1997-

#### Visiting Appointments

Academic Visitor - Essex University, Summer 1970.  
Academic Visitor - Institute for Higher Studies, Vienna, Summer 1972.  
Research Scholar - C.O.R.E., University of Louvain, Belgium (participant in the project  
Economic Analysis of Water Pollution, sponsored by the Belgium Government) Septem-  
ber 1972 - January 1973.  
Academic Visitor - London School of Economics, January 1973 - August 1973.  
Research Consultant, UCLA (participant in project for the analysis of the risks of nu-  
clear power).  
Visiting Scholar - NBER, Stanford, California, June - August 1976.  
National Fellow, Hoover Institution, Stanford, California, September 1976 - August  
1977.

Visiting Scholar - Universitat Bonn, Bonn, Germany, May - August 1979.  
Visiting Professor - Australian National University, January - August 1981.  
Visiting Scholar - Monash University, Melbourne, Australia, January - June 1983.  
Guest Lecture Series - Queens University, Kingston, Ontario, June 15 - July 1, 1984.  
Visiting Professor - Stockholm University, Stockholm, Sweden, May 1 - July 15, 1986.  
Visiting Scholar, University of Haifa and Tel Aviv University - March, 1987  
Visiting Professor - University of the Saarland - June, 1988, May 1995  
Visiting Professor, University of Uppsala, Uppsala Sweden, May 1-June 22, 1992.  
Erskine Fellow, Canterbury University, Christchurch New Zealand, September, 1995  
Visiting Scholar - Universitat Bonn, Bonn, Germany, May, 1996  
ENTER Professor, University College London, March 1997, April 1998  
Visiting Professor, University of Wisconsin, January-March 2003  
Visiting Professor, Center for Economic Studies, Munich University, April-June 2003  
Visiting Professor, Kobe University, September, 2006

### **Research Interests**

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

### **Doctoral Dissertation**

(1967) "Human Capital and Economic Growth," Stanford University (Principal Advisor: K.J. Arrow).

## Publications

- (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. Lawrence, Kansas: Kansas University Press, 79-94.
- (1973) "A Note on Efficient Taxation," *Journal of Political Economy*, **81**, 187-191.
- (1973, with Robert Goodman) "Private Demands for Public Goods," *American Economic Review*, **63**, 280-296.
- (1973) "On Efficient Provision of Social Overhead Goods," in *Yearbook for East European Studies, Volume 4*, ed. . Munich: Gunter Olzog Verlag, 11-42.
- (1973) "Decentralized Pricing in Pollution Control," *Recherches Economiques De Louvain*, **39**, .
- (1974) "Preference and Choice in Matters of Life and Death," in *Applying Cost-Benefit Concepts to Projects which alter Human Mortality*, ed. J. Hirschleifer, T. Bergstrom, E. Rappaport. Los Angeles: Research Report, UCLA School of Engineering.
- (1975) "The Core When Strategies are Restricted by Law," *Review of Economic Studies*, **42**, 249-257.
- (1976) "Regulation of Externalities," *Journal of Public Economics*, **5**, 131-138.
- (1975) "Maximal Elements of Acyclic Relations on Compact Sets," *Journal of Economic Theory*, **10**, 403-404.
- (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, with Trout Rader and Robert Parks) "Preference Which have Open Graphs," *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, with Trout Rader) "An Economic Approach to Social Choice II," *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*, **32**, 81-86.
- (1980, with J. Cross and R. Porter) "Efficiency Inducing Taxation of a Monopolistically Supplied Natural Resource," *Journal of Public Economics*, **15**, 23-32.
- (1981, with Richard Cornes) "Gorman and Musgrave are Duals - An Antipodean Theorem on Public Goods," *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**, 194-201.
- (1982) "Medical Care, Medical Insurance, and Survival Probability - The True Cost of Living," in *Economic Aspects of Health*, ed. Victor Fuchs. Chicago: NBER, 299-323.
- (1982, with Dan Rubinfeld and Perry Shapiro ) "Microeconomic Estimates of Demand for Local Public Goods," *Econometrica*, **50**, 1183-1205.
- (1983, with R. Cornes) "Independence of Allocative Efficiency From Distribution in the Theory of Public Goods," *Econometrica*, **51**, 1753-1765.
- (1983, with Carl Simon and Charles Titus) "Counting Groves-Ledyard Equilibria via Degree Theory," *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*, ed. Larry Cook and Michael Porter. Sydney: Allen and Unwin, 175-190.
- (1985, with Hal Varian) "When Do Market Games Have Transferable Utility?," *Journal of Economic Theory*, **35**, 222-233.
- (1985, with Hal Varian) "Two Remarks on Cournot Equilibrium," *Economics Letters*, **19**, 5-8.
- (1985, with Hal Varian) "When are Nash Equilibria Independent of Agents' Characteristics," *Review of Economic Studies*, **52**, 715-718.
- (1986) "Soldiers of Fortune," in *Essays in Honor of K.J. Arrow*, ed. Walter P. Heller and Ross Starr. Cambridge: Cambridge Univ. Press, 57-80.
- (1986, with Hal Varian and Larry Blume) "On the Private Provision of Public Goods," *Journal of Public Economics*, **29**, 25-49.

- (1987) "Free Disposal," in *The New Palgrave*, ed. John Eatwell, Murray Milgate, and Peter Newman. New York: The Stockton Press.
- (1988, with Judith Roberts, Perry Shapiro, and Dan Rubinfeld) "A Test for Efficiency in the Supply of Public Education," *Journal of Public Economics*, **35**, 289-307.
- (1989) "Love and Spaghetti, The Opportunity Cost of Virtue," *Journal of Economic Perspectives*, **3**, 165-173.
- (1989, with David Lam) "Recovering Event Histories by Cubic Spline Interpolation," *Mathematical Population Studies*, **1**, 327-355.
- (1989, with David Lam) "The Effects of Cohort Size on Marriage Markets in Twentieth Century Sweden," in *The Family, the Market, and the State in Industrialized Countries*, ed. . Oxford: Oxford University Press.
- (1989) "A Fresh Look at the Rotten Kid Theorem," *Journal of Political Economy*, **97**, 1138-1159.
- (1990) "On the Economics of Crime and Confiscation," *Journal of Economic Perspectives*, **4**, 171-178.
- (1991, with Jeff MacKie-Mason) "The Simple Analytics of Peak-Load Pricing," *The Rand Journal*, **22**, 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, with Larry Blume and Hal Varian) "Uniqueness of Nash Equilibrium in Private Provision of Public Goods: An Improved Proof," *Journal of Public Economics*, **49**, 391-392.
- (1993, with Mark Bagnoli) "Courtship as a Waiting Game," *Journal of Political Economy*, **101**, 185-202.
- (1993, with Oded Stark) "How Altruism Can Prevail in Evolutionary Environments," *American Economic Review*, **83**, 149-155.
- (1995, with Angela Bills and Maria Cancian) "Hotelling Location Problems with Directional Constraints: An Application to Television News Scheduling," *Journal of Industrial Economics*.
- (1995) "On the Evolution of Altruistic Ethical Rules for Siblings," *American Economic Review*, **85**, 58-81.
- (1996, with James Andreoni) "Do Government Subsidies Increase the Private Supply of Public Goods?," *Public Choice*, **88**, 295-308.

- (1996, with Sören Blomquist) “The Political Economy of Day Care Subsidies,” *European Journal of Political Economy*, **12**, 443-458.
- (1996, with Robert Schoeni) “Income Prospects and Age of Marriage,” *Journal of Population Economics*, **9**, 21-74.
- (1996) “Nonsubstitution Theorems for a Small Trading Country,” *Pacific Economic Review*, **1**, 117-137.
- (1996) “Economics in a Family Way,” *Journal of Economic Literature*, **34**, 1903-1934.
- (1997) “A Survey of Theories of the Family,” in *Handbook of Population Economics*, ed. Mark Rosenzweig and Oded Stark. New York: North Holland, 21-74.
- (1999) “Systems of Benevolent Utility Functions,” *Journal of Public Economic Theory*, **1**, 71-100.
- (1999, with Carl Bergstrom) “Does Mother Nature Punish Rotten Kids,” *Journal of Bioeconomics*, **1**, 47-73.
- (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 2001*, , 10-20.
- (2002) “Evolution of Social Behavior: Individual and Group Selection,” *Journal of Economic Perspectives*, **16**, 67-88.
- ( 2002) “Comments: Pricing and Costs of Economics Journals,” *Journal of Economic Perspectives*, **16**, 231-238.
- ( 2003) “Vernon Smith and the Birth 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*, , 211-212.
- (2003) “Assortative Matching and the Evolution of Cooperation,” *International Game Theory Review*, **5**, 3, 211-229.
- (2003) “Comment on ”How do People Make Transfers in the Family” (paper by Donald Cox),” in *Death and Dollars: The Role of Gifts and Bequests in America*, edited by Alicia Munnell and Annika Sunden, *Brookings Institution Press*, , 197-201.
- (2004, with Carl Bergstrom) “The Costs and Benefits of Library Site Licenses to Academic Journals,” *Proceedings of the National Academy of Sciences*, **101**, 3, 897-902.

- (2006) “Natural Kantians or Zoo Economicus: Evolutionary Theories of Altruism and Selfishness among Men and Beasts,” in *Handbook of Giving, Reciprocity, and Altruism*, ed. L.-A. Gerard-Varet, S-C. Kolm, J. Mercier Ythier. New York: Elsevier, 771-817.
- (2005, with Mark Bagnoli) “Log Concave Probability and Its Applications,” *Economic Theory*, **26**, 2, 445-469.
- (2005, with Eugene Kwok) “Extracting Valuable Data from Classroom Trading Pits,” *Journal of Economic Education*, **36**, 3, .
- (2006) “Benefit Cost in a Benevolent Society,” *American Economic Review*, **96**, 1, 339-351.
- (2006, with Carl Bergstrom) “The Economics of Ecology Journals,” *Frontiers in Ecology and Evolution*, **4**, 9, 488-495.

### **Textbook Revisions**

*Experiments in the Principles of Economics*, 2d edition, 2000, with John Miller  
*Workouts in Microeconomic Theory*, 7th edition, 2006, with Hal Varian

### **Selected Unpublished Research Reports**

Competitive Equilibrium Without Transitivity, Monotonicity or Local Non-Satiation, 1973.  
 On the Free Rider Problem, 1974.  
 A Model of Bayesian Racial Prejudice and the Acquisition of Skill, 1978.  
 Cournot Equilibrium in Factor Markets, 1978.  
 Can Courtship Be Cheatproof?, 1982.  
 On the Theory of Cash Flow Taxes on Rents, 1983.  
 Government by Jury, with Hal R. Varian.  
 The Two-Sex Problem and the Marriage Squeeze in an Equilibrium Model of Marriage Markets, with David Lam, 1989  
 Primogeniture, Monogamy and Reproductive Success in Stratified Societies  
 Trading Sisters for Wives: An Economic Model of Polygyny  
 Evolution of Behavior in Family Games