

## CURRICULUM VITAE (January 2013)

**Name:** Donald J. Brown                      **Office:** Department of Economics  
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**Born:** April 16, 1937                      **Marital Status:** Married, One child

**Education:** Ph.D. in Mathematics, Stevens Institute of Technology, 1969  
M.Sc. in Physics, Pennsylvania State University, 1964  
B.A. in Physics, University of Colorado, 1962

### Research

**Interests:** Econometrics, General Equilibrium Theory, Microeconomic Theory and Finance

### Positions:

2000-                      Philip R. Allen Professor of Economics, Department of Economics,  
Yale University  
  
Professor of Mathematics Department of Mathematics, Yale University  
  
Professor of Economics, Yale School of Management

1995-2000                      Phillip R. Allen Professor of Economics, Department of Economics, Yale  
University  
  
Professor of Mathematics Department of Mathematics, Yale University

1991-95                      Mellon Term Professor of Interdisciplinary Studies, Department of  
Economics, Stanford University

1988-95                      Professor of Economics, Department of Economics, Stanford University

1987-88                      Professor of Economics, Department of Economics, Yale University

1987-88                      Mellon Term Professor, Yale University

1976-86                      Professor of Economics, Cowles Foundation for Research in Economics,  
Yale University

- 1974-76 Associate Professor of Economics, Cowles Foundation for Research in Economics, Yale University
- 1971-73 Assistant Professor of Economics, Cowles Foundation for Research in Economics, Yale University
- 1969-70 Research Staff, Economics, and Lecturer, Cowles Foundation for Economic Research in Economics, Yale University
- 1964-69 Member of Technical Staff, Military Analysis Department, Bell Telephone Laboratories, Whippany, New Jersey
- 1960-62 Physical Scientist, Ionospheric Research Department National Bureau of Standard, Boulder, Colorado

**Administrative Positions:**

- 2006-2007, 1996-2000, and 1975-1976:  
Director of Undergraduate Studies, Department of Economics, Yale University
- 1984-1987 Chairman, Department of Economics, Yale University

**Fellows and Scholarships:**

- 1999-2002 Whitney Humanities Center Fellow, Yale University
- 2000-01 Yale Senior Faculty Fellowship
- 1993 Visiting Miller Research Professor, Department of Economics, University of California at Berkeley
- 1987-88 Yale Senior Faculty Fellowship
- 1981-82 Fairchild Scholar, California Institute of Technology
- 1977-78 Yale Senior Faculty Fellowship
- 1973-74 Guggenheim Fellowship and Junior Faculty Social Sciences Fellowship
- 1968-69 Bell Laboratories Doctoral Fellowship
- 1966-67 National Science Traineeship
- 1963-64 Research Assistantship, Ionospheric Research Laboratory

**Honors:**

- 2007 Distinguished Fellow of the American Economic Association
- 1992 Fellow of the American Academy of Arts and Sciences
- 1991 Honorary Doctorate of Arts and Sciences, Indiana University
- 1968 Sigma Chi
- 1962 Phi Beta Kappa, University of Colorado  
Sigma Pi Sigma (Physics Honorary)

**Visiting Appointments:**

- 1993 Department of Economics, University of California at Berkeley
- 1992 Division of Humanities and Social Sciences, California Institute of Technology
- 1987-88 Department of Economics, University of California, San Diego
- 1981-82 Division of Humanities and Social Sciences, California Institute of Technology
- 1978-79 Department of Operations Research, Stanford University
- 1973-74 Department of Economics, University of California, Berkeley

**Professional Affiliations:**

Econometric Society, Fellow  
American Economic Association, Executive Committee, 1994-1997  
American Economic Association, Distinguished Fellow

**Publications:**

Affective Decision Making: A Theory of Optimism Bias” (with A. Bracha), *Games and Economic Behavior*, 75, (2012)

”Computational Aspects of General Equilibrium Theory: Refutable Theories of Value” (with F.Kubler) New York and Berlin ; Springer-Verlag, 2008

“The Nonparametric Approach to Applied Welfare Analysis” (with C. Calsamiglia), *Economic Theory*, April 2007.”Computational Aspects of General Equilibrium Theory: Refutable Theories of Value (with F. Kubler) New York and Berlin ; Springer-Verlag,2008

“Competition, Consumer Welfare, and the Social Cost of Monopoly” (with Yoo-Ho Alex Lee), ABA Handbook: Issues in Competition, Law and Policy, edited by Dale Collins, 2008

“Weighted Minimum Mean-Square Distance from Independence Estimation,” (with M. Wegkamp), *Econometrica*, 70, 5, September 2002.

“A Uniqueness, Stability and Comparative Statics in Rationalizable Walrasian Markets,” (with C. Shannon), *Econometrica*, 68, 6, November 2000.

“A Minimum Cost Portfolio Insurance,” (with C.D. Aliprantis and J. Werner), Special Issue of *Journal of Dynamics and Control*, 24, (11-12), October 2000.

“A Portfolio Dominance and Optimality in Infinite Securities Markets,” (with C.D. Aliprantis and J. Werner), *Journal of Mathematical Economics*, 30, 1998.

"Testable Restrictions on the Equilibrium Manifold", (with R. Matzkin), *Econometrica*, 64, 1996.

"Computing Zeros of Sections of Vector Bundles Using Homotopies and Relocalization," *Mathematics of Operations Research*, 21, No.1, February 1996.

"Computing Equilibria when Asset Markets are Incomplete," (with P. DeMarzo and B.C. Eaves) *Econometrica*, Vol. 64, #1, January 1996.

"Arbitrage and Existence of Equilibrium in Infinite Asset Markets" (with J. Werner), *Review of Economic Studies*, 62, 1995.

"Two-Part Marginal Cost Pricing Equilibria: Existence and Efficiency," (with W.P. Heller and R.M. Starr), *Journal of Economic Theory*, 57, 1992.

"Equilibrium Analysis with Non-Convex Technologies," in Handbook of Mathematical Economics: Volume IV, eds. W. Hildenbrand and H. Sonnenschein, Amsterdam and New York, North-Holland, 1991.

"Valuation and Optimality in Exchange Economies with a Countable Number of Agents," (with C.D. Aliprantis and O. Burkinshaw) in Positive Operators, Riesz Spaces, and Economics, ed. by C.D. Aliprantis, K.C. Border and W.A.J. Luxemburg, New York and Berlin: Springer Verlag, 1991.

"Approximating Derivative Securities in f-Algebras," (with C.B. Huijsmans and B. DePagter), in Positive Operators, Riesz Spaces, and Economics, ed. by C.D. Aliprantis, K.C. Border and W.A.J. Luxemburg, New York and Berlin: Springer-Verlag, 1991.

"Spanning, Valuation and Options," (with S.A. Ross) *Economic Theory*, 1, (1), 1991.

"Valuation and Optimality in the Overlapping Generations Model," (with C.D. Aliprantis and O. Burkinshaw), *International Economic Review*, 31(2), 1990.

Existence and Optimality of Competitive Equilibria (with C.D. Aliprantis and O. Burkinshaw) New York and Berlin: Springer-Verlag, 1989.

"Equilibria in Exchange Economies with a Countable Number of Agents," (with C.D. Aliprantis and O. Burkinshaw), *Journal of Mathematical Analysis and Applications*, 142, 1989.

"The Structure of Neutral Monotonic Social Functions" (with J. Blau), *Social Choice and Welfare*, Vol. 6, 1989.

"Edgeworth Equilibria in Production Economies" (with C.D. Aliprantis and O. Burkinshaw), *Journal of Economic Theory*, Vol. 43, 1987.

"Ramsey Pricing in Telecommunications Markets with Free Entry" (with Geoffrey Heal), in *Regulating Utilities in an Era of Deregulation*, (Michael Crew, ed.), MacMillan Press, 1987.

"An Economy with Infinite Dimensional Commodity Space and Empty Core" (with C.D. Aliprantis and O. Burkinshaw), *Economic Letters*, Vol. 23, #1 (1987), pp. 1-4.

"Edgeworth Equilibria" (with C.D. Aliprantis and O. Burkinshaw), *Econometrica*, Vol. 55, 1987.

"On a General Existence Theorem for Marginal Cost Pricing Equilibria" (with G. Heal, M.A. Kahn, and R. Vohra), *Journal of Economic Theory*, Vol. 38, #2, April 1986.

"The Optimality of Regulated Pricing: A General Equilibrium Analysis" (with Geoffrey Heal), in *Advances in Equilibrium Theory, Lecture Notes in Economics and Mathematical Systems*, Vol. 244, 1985.

"Examples of Excess Demand Functions on Infinite Dimensional Commodity Spaces" *Advances in Equilibrium Theory, Lecture Notes in Economics and Mathematical Systems*, Vol. 244, 1985.

"Marginal versus Average Cost Pricing in the Presence of a Public Monopoly" (with Geoffrey Heal), *American Economic Review: Papers and Proceedings*, Vol. 73, #2, May

1983.

"Equilibria in Markets with a Riesz Space of Commodities" (with C.D. Aliprantis), *Journal of Mathematical Economics*, II, 1983.

"Myopic Economics Agents" (with Lucinda Lewis), *Econometrica*, Vol. 48, #2, March 1981.

"Two-Part Tariffs, Marginal Cost Pricing and Increasing Returns in a General Equilibrium Model" (with Geoffrey Heal), *Journal of Public Economics*, Vol. 13, #1, February 1980.

"An Extension of the Brown–Robinson Equivalence Theorem" (with Ali Khan), *Applied Mathematics and Computation*, Vol. 6, #2, 1980.

"Equity, Efficiency, and Increasing Returns to Scale" (with Geoffrey Heal), *Review of Economic Studies*, Vol. 46 (4), #145, October 1979.

"The Values of a Nonstandard Exchange Economies" with Peter Loeb), *Israel Journal of Mathematics*, Vol. 25, 1976.

"Existence of Competitive Equilibria in a Nonstandard Exchange Economy," *Econometrica*, Vol. 44, 1976. "Aggregation of Preferences," *Quarterly Journal of Economics*, August 1975.

"Nonstandard Exchange Economies" (with Abraham Robinson), *Econometrica*, Vol. 43, #1, January 1975.

"An Approximate Solution to Arrow's Problem," *Journal of Economic Theory*, Vol. 9, #4, December 1974.

"The Cores of Large Standard Exchange Economies" (with Abraham Robinson), *Journal of Economic Theory* Vol. 9, #3, November 1974.

"A Limit Theorem on the Cores of Large Standard Exchange Economies (with Abraham Robinson), *Proceedings, National Academy of Science*, Vol. 69, #5, 1974.

"Classical Abstract Logics" (with S. Bloom), *Dissertationes Mathematicae*, C11, 1973.

"Theory of Abstract Logics" (with R. Suszko), *Dissertationes Mathematicae*, C11, 1973.

"Some Theorems on Abstract Logics" (with S. Bloom and R. Suszko), *Algebra I Logikg*, #3, 1970.

"A Note on Abstract Logics" (with S. Bloom and R. Suszko), *Bulletin De L'Academie Polonaise Des Sciences*, Vol. XVIII, #3, 1970.