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Appointments

2002-present

J.P. Valles Professor of Business Economics and Strategy, Stern School of Business, New York University
(From 2009: Affiliated Faculty Member, New York University-Abu Dhabi)

1998-2002

Class of 1958 Professor, Harvard Business School

1996-1998

Professor, Harvard Business School

1992-1996

Associate Professor, Harvard Business School

1987-1992

Assistant Professor, Harvard Business School

Education

1986

Ph.D. in Economics, Churchill College, University of Cambridge

1982

M.Phil. in Economics with Distinction, Trinity College, University of Cambridge

1981

B.A. Double First in Natural Sciences and Economics, Queens' College, University of Cambridge

Teaching Experience

Game Theory & Business Strategy (elective MBA course, Stern School of Business)

Business Strategy (core MBA course, Stern School of Business)

Changing the Game (elective MBA course, Harvard Business School)

Game Theory (doctoral course, Harvard Business School)

Seminar in Business Strategy (doctoral course, Harvard Business School)

Competition & Strategy (core MBA course, Harvard Business School)

Competition & Strategy (executive course, Harvard Business School)

Engineering Sciences 201 (Faculty of Arts and Sciences, Harvard University)

Engineering Sciences 207 (Faculty of Arts and Sciences, Harvard University)

Managerial Economics (core MBA course, Harvard Business School)

Research Papers¹

- “What is Backward Induction?” with Amanda Friedenberg, October 2003 (revised September 2009).
- “Self-Admissible Sets,” with Amanda Friedenberg, October 2004 (revised September 2009). Forthcoming in *Journal of Economic Theory*.
- “The Relationship Between Quantum and Classical Correlation in Games,” June 2006 (revised August 2009). Forthcoming in *Games and Economic Behavior*.
- “Finite-Order Rationality,” with Amanda Friedenberg, March 2009.
- “A Classification of Hidden-Variable Properties,” with Noson Yanofsky, *Journal of Physics A: Mathematical and Theoretical*, 41, 2008, 425302.
- “Intrinsic Correlation in Games,” with Amanda Friedenberg, *Journal of Economic Theory*, 141, 2008, 28-67.
- “Epistemic Game Theory: An Overview,” in *The New Palgrave Dictionary of Economics*, 2nd edition, edited by Steven Durlauf and Lawrence Blume, London: Palgrave Macmillan, 2008. Available at www.dictionaryofeconomics.com.
- “Epistemic Game Theory: Complete Information,” in *The New Palgrave Dictionary of Economics*, 2nd edition, edited by Steven Durlauf and Lawrence Blume, London: Palgrave Macmillan, 2008. Available at www.dictionaryofeconomics.com.
- “Admissibility in Games,” with Amanda Friedenberg and H. Jerome Keisler, *Econometrica*, 76, 2008, 307-352. Online supplement at www.econometricsociety.org/suppmatlist.asp.
- “A Note on Kuhn’s Theorem,” in *Texts in Logic and Games 1: Interactive Logic, Proceedings of the 7th Augustus de Morgan Workshop, London*, edited by Johan van Benthem, Dov Gabbay, and Benedikt Loewe, Amsterdam: Amsterdam University Press, 2007, 71-88.
- “Biform Games,” with Harborne Stuart, *Management Science*, 53, 2007, 537-549. Electronic companion at <http://mansci.journal.informs.org/cgi/data/53/4/537/DC1/1>.
- “Biform Games: Additional Online Material,” with Harborne Stuart, July 2006.
- “The Power of Paradox: Some Recent Developments in Interactive Epistemology,” *International Journal of Game Theory*, 35, 2007, 465-492.
- “An Impossibility Theorem on Beliefs in Games,” with H. Jerome Keisler, *Studia Logica*, 84, 2006, 211-240.
- “Fixed Points for Strong and Weak Dominance,” with Amanda Friedenberg and H. Jerome Keisler, December 2006.
- “Notes on the Relationship between Strong Belief and Assumption,” with Amanda Friedenberg and H. Jerome Keisler, January 2006 (revised April 2007).
- “The Relationship between Rationality on the Matrix and the Tree,” with Amanda Friedenberg, June 2003 (revised September 2007).
- “On the Existence of a ‘Complete’ Possibility Structure,” in *Cognitive Processes and Economic Behavior*, edited by Marcello Basili, Nicola Dimitri, and Itzhak Gilboa, London: Routledge, 2003, 30-34.
- “A Purification Theorem for Perfect-Information Games,” with Amanda Friedenberg, September 2002 (revised January 2007).

¹ Most are available at www.stern.nyu.edu/~abranden.

“Epistemic Conditions for Iterated Admissibility,” with H. Jerome Keisler, in *Theoretical Aspects of Rationality and Knowledge: Proceedings of the Eighth Conference*, edited by Johan van Benthem, San Francisco: Morgan Kaufmann, 2001, 31-37.

“Entry and Deterrence in British Satellite Broadcasting,” with Pankaj Ghemawat, in *Games Businesses Play: Cases and Theory*, by Pankaj Ghemawat, Cambridge: MIT Press, 1997, 177-204.

“When Managers Cover Their Posteriors: Making the Decisions the Market Wants to See,” with Ben Polak, *The RAND Journal of Economics*, 27, 1996, 523-541.

“Strategic and Structural Uncertainty in Games,” in *Wise Choices: Games, Decisions, and Negotiations*, edited by Richard Zeckhauser, Ralph Keeney, and James Sebenius, Boston: Harvard Business School Press, 1996, 221-232.

“Value-based Business Strategy,” with Harborne Stuart, *Journal of Economics & Management Strategy*, 5, 1996, 5-24.

“Epistemic Conditions for Nash Equilibrium,” with Robert Aumann, *Econometrica*, 63, 1995, 1161-1180.

“Hierarchies of Beliefs and Common Knowledge,” with Eddie Dekel, *Journal of Economic Theory*, 59, 1993, 189-198.

“Knowledge and Equilibrium in Games,” *Journal of Economic Perspectives*, 6, 1992, 83-101.

“Correlated Equilibrium with Generalized Information Structures,” with Eddie Dekel and John Geanakoplos, *Games and Economic Behavior*, 4, 1992, 182-201.

“Lexicographic Probabilities and Iterated Admissibility,” in *Economic Analysis of Markets and Games*, edited by Partha Dasgupta, Douglas Gale, Oliver Hart, and Eric Maskin, Cambridge: MIT Press, 1992, 282-290.

“Lexicographic Probabilities and Equilibrium Refinements,” with Larry Blume and Eddie Dekel, *Econometrica*, 59, 1991, 81-98.

“Lexicographic Probabilities and Choice under Uncertainty,” with Larry Blume and Eddie Dekel, *Econometrica*, 59, 1991, 61-79.

“A Simple Characterization of Stochastically Monotone Functions,” with James Bergin, *Econometrica*, 58, 1990, 1241-1243.

“Common Knowledge of an Aggregate of Expectations,” with Lars Nielsen, John Geanakoplos, Richard McKelvey, and Talbot Page, *Econometrica*, 58, 1990, 1235-1239.

“Common Knowledge and Game Theory,” with Ken Binmore, in *Essays on the Foundations of Game Theory*, by Ken Binmore, Oxford: Basil Blackwell, 1990, 105-150.

“An Overview of Lexicographic Choice under Uncertainty,” with Larry Blume and Eddie Dekel, in *Choice Under Uncertainty*, edited by Peter Fishburn and Irving LaValle, *Annals of Operations Research*, 19, 1989, 231-246.

“The Role of Common Knowledge Assumptions in Game Theory,” with Eddie Dekel, in *The Economics of Missing Markets, Information, and Games*, edited by Frank Hahn, Oxford: Oxford University Press, 1989, 46-61.

“Rationalizability and Correlated Equilibria,” with Eddie Dekel, *Econometrica*, 55, 1987, 1391-1402.

“Common Knowledge with Probability 1,” with Eddie Dekel, *Journal of Mathematical Economics*, 16, 1987, 237-245.

Books

Co-opetition, with Barry Nalebuff, New York: Currency/Doubleday, 1996. Translated into Bahasa, Chinese, Dutch, French, German, Greek, Hebrew, Japanese, Korean, Portuguese, Spanish, Swedish, Thai, Turkish, Vietnamese.

Selected Articles²

Interview, in *Game Theory: Five Questions*, edited by Vincent Hendricks and Pelle Guldborg Hansen, Automatic Press, 2007, 41-48.

“Porter’s Added Value: High Indeed!” (Commentary on *Competitive Strategy*, by Michael Porter, New York: Free Press, 1980), in *Academy of Management Executive*, 18, 2002, 58-60.

Review of *Judo Strategy*, by David Yoffie and Mary Kwak, Boston: Harvard Business School Press, 2001, in *Manageris*, 101, February 2002, 10.

“The Added-Value Theory of Business,” with Barry Nalebuff, *Strategy & Business*, Fourth Quarter 1997.

“Complementors in the Digital Economy,” with Barry Nalebuff, *Oracle Alliance*, March-April 1997.

Review of *Only the Paranoid Survive*, by Andrew Grove, New York: Currency/Doubleday, 1996, with Barry Nalebuff, in *Harvard Business Review*, November-December 1996, 168-175.

“Laurel Without Hardy? A Lesson for Business,” with Barry Nalebuff, *The New York Times*, August 18, 1996.

“The Right Game: Use Game Theory to Shape Strategy,” with Barry Nalebuff, *Harvard Business Review*, July-August 1995, 57-71.

Review of *Thinking Strategically*, by Avinash Dixit and Barry Nalebuff, New York: Norton, 1991, in *Journal of Economics & Management Strategy*, 2, 1993, 325-332.

Review of *Economic Organizations as Games*, edited by Ken Binmore and Partha Dasgupta, Oxford: Basil Blackwell, 1986, in *Economica*, 55, 1988, 278-279.

Recent Invited Talks

“Origins of Epistemic Game Theory,” at Workshop on Informatic Phenomena, Department of Mathematics, Tulane University, October 2009.

“Origins of Epistemics,” at Theoretical Aspects of Rationality and Knowledge XII, Stanford University, July 2009.

“Correlation in Games,” at Workshop on Informatic Phenomena, Department of Mathematics, Tulane University, October 2008.

“Game Theory and Business Strategy,” at the 2008 Guanghua-Stern Summer Research Camp, Peking University, June 2008.

“Epistemic Game Theory,” at the 2007-2008 Clifford Lectures, Department of Mathematics, Tulane University, March 2008.

“Foundations of Game Theory,” at the 1st London-Amsterdam-Lausanne Graduate Workshop in Decisions, Games, and Logic, London School of Economics, July 2007.

² Some are available at www.stern.nyu.edu/~abranden.

“How Much Coordination is Possible via Correlation?” at the 3rd CSEF-IGIER Symposium on Economics and Institutions, Centro Internazionale per la Cultura Scientifica, Anacapri, June 2007.

“How Much Coordination is Possible via Correlation?” at the Colloquium on New Perspectives on Games and Interaction, Royal Netherlands Academy of Arts and Sciences, February 2007.

“Correlation in Games,” at the 7th Conference on Logic and the Foundations of Game and Decision Theory, University of Liverpool, July 2006.

“Comments on the Role of Mathematics in Strategy,” panel at the 3rd Atlanta Competitive Advantage Conference, Emory University, June 2006.

“Can Hidden Variables Explain Correlation?” at the 7th Augustus de Morgan Workshop, King’s College London, November 2005.

“Can Hidden Variables Explain Correlation?” at Conference in Honor of Ken Binmore, University College London, August 2005.

Fellowships/Honors

2008

NYU Stern Teaching Excellence Award

2006

NYU Stern MBA 2006 Professor of the Year

1985-1987

Research Fellowship, Churchill College, University of Cambridge

1983-1985

Harkness Fellowship

1981

College Prize, College Foundation Scholarship, and University Wrenbury Scholarship in Economics

1979

College Prize and Venn Prize in Natural Sciences for top College Natural Sciences Tripos result

1978

Open Scholarship to Queens’ College, University of Cambridge

Selected Service

Co-Coordinator, Economics PhD program, Stern School of Business, 2006-
Chair, Schoolwide Promotion & Tenure Committee, Stern School of Business, 2006-
2009

Member, Schoolwide Promotion & Tenure Committee, Stern School of Business, 2003-
2006

Chair, Business Economics PhD program, Harvard University, 2000-2002

Professional

Entry in *Who’s Who in America* (2009 edition)

Member of the Editorial Board of the *International Journal of Game Theory*

Member of the Council of the Game Theory Society

Fellow of the Econometric Society

Member of the Advisory Board for the series *Texts in Logic and Games*, edited by Johann van Benthem, Amsterdam University Press
Specialist Advisor, Department of Management, London School of Economics