

FRANK H. PAGE, JR.
Professor of Economics

Address: Indiana University
Department of Economics
100 S Woodlawn
Bloomington, IN 47405
Tele: (812) 855-4764
e-mail: fpage@indiana.edu
<http://mypage.iu.edu/~fpage/>

Education: B.A. University of Texas at Austin, Economics
M.S. University of Illinois, Mathematics
Ph.D. University of Illinois, Economics

Fields: Microeconomics, Contract Theory, Network Formation Games
Financial Economics
Public Economics

Publications:

“Rollover Risk and Endogenous Network Dynamics,” (with Jose Figue, Indiana University) *Computational Management Science*, Forthcoming.

“Optimal Auctions with Multidimensional Types and the Desirability of Exclusion,” (with Paulo K. Monteiro, EPGE/FGV, and Benar Fux Svaiter IMPA) *Journal of Mathematical Economics* 49, 2013, 106-110.

“Social Networks and Occupational Choice: The Endogenous Formation of Attitudes and Beliefs about Tax Compliance,” (with Nigar Hashimzade University of Reading, Gareth Myles, University of Exeter, and Matthew Rablen, Brunel University) *Journal of Economic Psychology*, In Press, Available online 18 September 2012.

“Club Networks with Multiple Memberships and Noncooperative Stability,” (with Myrna H. Wooders, Vanderbilt University), *Games and Economic Behavior* 20, 2010, 12-20.

“Strategic Basins of Attraction, the Path Dominance Core, and Network Formation Games,” (with Myrna H. Wooders, Vanderbilt University), *Games and Economic Behavior* 66, 2009, 462-487.

“Endogenous Mechanisms and Nash Equilibrium in Competitive Contracting Games,” (with Paulo K. Monteiro, EPGE/FGV), *Journal of Mathematical Economics* 45, 2009, 664-678.

“Networks and Stability,” (with Myrna H. Wooders, Vanderbilt University), *Encyclopedia of Complexity and System Science*, Springer, Heidelberg, 2009.

“Catalog Competition and Nash Equilibrium in Nonlinear Pricing Games,” (with Paulo K. Monteiro, EPGE/FGV), *Economic Theory*, 34, 2008, 503-524.

"Coalitions," (with Myrna H. Wooders, Vanderbilt University), contribution to the *New Palgrave Dictionary of Economics*, Second Edition, Steven Durlauf and Lawrence Blume (editors) *Macmillan*, 2008.

"Catalog Competition and Stable Nonlinear Prices," *Journal of Mathematical Economics* 44, 2008, 822-835.

"Networks and Clubs," (with Myrna H. Wooders, Vanderbilt University), *Journal of Economic Behavior and Organization* 64, 2007, 406-425.

"Risky Arbitrage, Asset Prices, and Externalities" (with Cuong Le Van, CES, CNRS, Paris 1 and Myrna H. Wooders, Vanderbilt University), *Economic Theory* 33, 2007, 475-491.

"Uniform Payoff Security and Nash Equilibrium in Compact Games," (with Paulo K. Monteiro, EPGE/FGV), *Journal of Economic Theory* 134, 2007, 566-575.

"Arbitrage and Equilibrium in Unbounded Exchange Economies with Satiation" (with Nizar Allouch, Queen Mary University of London, and Cuong Le Van, CES, CNRS, Paris 1), *Journal of Mathematical Economics*, 42, 2006, 661-674.

"Budget Balancedness and Optimal Income Taxation," (with Marcus Berliant, Washington University), *Journal of Public Economic Theory* 8, 2006, 409-452.

"Stock Options and Capital Structure," (with Richard D. MacMinn, Illinois State University), *Annals of Finance* 2, 2006, 39-50.

"Networks and Farsighted Stability," (with Myrna H. Wooders, University of Warwick and Samir Kamat, Wachovia Corporation), *Journal of Economic Theory* 120, 2005, 257-269.

"Farsighted Stability in Network Formation," (with Samir Kamat, Wachovia Corporation), in *Group Formation in Economics: Networks, Clubs, and Coalitions* (Gabrielle Demange and Myrna H. Wooders, Eds.), Cambridge University Press, 2005.

"Three Principles of Competitive Nonlinear Pricing," (with Paulo K. Monteiro, EPGE/FGV), *Journal of Mathematical Economics* 39, 2003, pp. 63-109.

"Elections and Strategic Positioning Games," (with Myrna H. Wooders, University of Warwick), *Review of Economic Design* 8, 2003, pp. 63-83.

"The Geometry of Arbitrage and the Existence of Competitive Equilibrium," (with Cuong Le Van, CNRS and CERMSEM (Paris I), and Nizar Allouch, University of Warwick), *Journal of Mathematical Economics* 38, 2002, pp. 373-391.

"Arbitrage and Equilibrium in Economies with Externalities," (with Cuong Le Van, CNRS and CERMSEM (Paris I), and Myrna H. Wooders, University of Warwick), *Journal of Global Optimization* 20, 2001, pp. 309-321.

"Income Taxes and the Provision of Public Goods: Existence of an Optimum," (with Marcus Berliant, Washington University), *Econometrica* 69, 2001, pp. 771-784.

"Inconsequential Arbitrage," (with Paulo K. Monteiro, EPGE/FGV, and Myrna H. Wooders, University of Warwick), *Journal of Mathematical Economics* 34, 2000, pp. 439-469.

"Increasing Cones, Recession Cones, and Global Cones," (with Paulo K. Monteiro, CORE, and Myrna H. Wooders, University of Toronto), *Optimization* 47, 2000, pp. 211-234.

"Arbitrage and Global Cones: Another Counterexample," (with Paulo K. Monteiro, CORE, and Myrna H. Wooders, University of Toronto), *Social Choice and Welfare* 16, 1999, pp. 337-346.

"Arbitrage with Price-Dependent Preferences: Equilibrium and Market Stability," (with Myrna H. Wooders, University of Toronto), in *Topics in Mathematical Economics and Game Theory: Essays in Honor of Robert J. Aumann* (Myrna H. Wooders, Ed.), *Fields Institute Communications*, Volume 23, 1999, pp. 189-212.

"Optimal Selling Mechanisms for Multiproduct Monopolists: Incentive Compatibility in the Presence of Budget Constraints." (with Paulo K. Monteiro, CORE) *Journal of Mathematical Economics* 30, 1998, pp. 473-502.

"Existence of Optimal Auctions in General Environments," *Journal of Mathematical Economics* 29, 1998, pp. 389-418.

"Optimal Deterministic Contracting Mechanisms for Principal-Agent Problems with Moral Hazard and Adverse Selection," *Review of Economic Design* 3, 1997, pp. 1-13.

"Arbitrage, Equilibrium, and Gains from Trade: A Counterexample," (with Paulo K. Monteiro, CORE, and Myrna H. Wooders, University of Toronto), *Journal of Mathematical Economics* 28, 1997, 481-501.

"Market Games with Differential Information and Infinite Dimensional Commodity Spaces: The Core," *Economic Theory* 9, 1997, pp. 151-159. Reprinted in *Differential Information Economics* (D. Glycopantis and N. C. Yannelis, Eds.), Springer, Berlin, 2005.

"A Note on Multiproduct Nonlinear Pricing with General Cost Functions," (with Paulo K. Monteiro, IMPA), *Economic Letters* 52, 1996, pp. 287-291.

"The Partnered Core of an Economy and the Partnered Competitive Equilibrium," (with Myrna H. Wooders, University of Toronto), *Economic Letters* 52, 1996, pp. 143-152.

"A Necessary and Sufficient Condition for Compactness of Individually Rational and Feasible Outcomes and Existence of an Equilibrium," (with Myrna H. Wooders, University of Toronto), *Economic Letters* 52, 1996, pp. 153-162.

"Incentives and Income Taxation: The Implementation of Individual Revenue Requirement Functions," (with Marcus Berliant, Washington University), *Ricerche Economiche* 50, 1996, pp. 389-400.

"Arbitrage and Asset Prices," *Mathematical Social Sciences* 31, 1996, pp. 183-208.
"Stock Options, Corporate Objective Functions and Capital Structure," (with Richard D. MacMinn, University of Texas) *Journal of Financial Studies*, vol. II, no. 2, December 1995.

"Dominant Strategy Mechanisms for Contract Auctions with Risk Aversion and Moral Hazard," *International Journal of Game Theory* 23, 1994, pp. 25-42.

"Bayesian Incentive Compatible Mechanisms," *Economic Theory* 2, 1992, pp. 509-524.

"Mechanism Design for General Screening Problems with Moral Hazard," *Economic Theory* 2, 1992, pp. 265-281.

"Securities Markets and General Equilibrium," *The New Palgrave Dictionary of Money and Finance*, 1992.

"Option Pricing and Asset Returns in Discrete Time," (with Mark Rzepczynski, Taxable Research Director, Fidelity Investments), *Advances in Futures and Options Research* 5, 1991, pp. 31-48.

"Komlos Limits and Fatou's Lemma in Several Dimensions," *Canadian Mathematical Bulletin* 34, 1991, pp. 109-112.

"Optimal Contract Mechanisms for Principal-Agent Problems with Moral Hazard and Adverse Selection," *Economic Theory* 1, 1991, pp. 323-338.

"Incentive Compatible Strategies for General Stackelberg Games with Incomplete Information," *International Journal of Game Theory* 18, 1989, pp. 409-421.

"The Existence of Optimal Contracts in the Principal-Agent Model," *Journal of Mathematical Economics* 16, 1987, pp. 157-167.

"On Equilibrium in Hart's Securities Exchange Model," *Journal of Economic Theory* 41, April 1987, pp. 392-404.

"A General Derivation of the Jump Process Option Pricing Formula," (with Anthony B. Sanders, Ohio State University), *Journal of Financial and Quantitative Analysis* 21, December 1986, pp. 437-446.

"On the Pricing of Shared Appreciation Mortgages," (with Anthony B. Sanders, Ohio State University), *Housing Finance Review* 5, summer 1986, pp. 49-57.

Work in Progress:

“Approximable Discounted Stochastic Games and Stationary Markov Equilibria,” (with Joana Resende, University of Porto).

“Parameterized Games and Approximable Nash Correspondences: Selections, Approximations, and Fixed Points,” (with Joana Resende, University of Porto).

“Approximable Nash Correspondences: Externalities, Nonconvexities, and Fixed Points,” (with Joana Resende, University of Porto).

“Endogenous Stationary Network Dynamics,” (with Joana Resende, University of Porto).

“Externalities and Fulfilled Expectations Equilibria,” (with Joana Resende, University of Porto).

“Strategic Media, Endogenous Social Networks, and Catalog Competition,” (with Joana Resende, University of Porto).

“Network Formation Games with Incomplete Information,” (with Joana Resende, University of Porto).

“Social Networks, Targeted Advertising, and Catalog Competition,” (with Pallavi Baral, Indiana University, and Joana Resende, University of Porto).

“Strategic Competition in Marketing Supernetworks,” (with Filomena Garcia, Indiana University, and Joana Resende, University of Porto).

“Decentralized Matching: Markets and Networks,” (with Filomena Garcia, Indiana University, and Joana Pais, Technical University of Lisbon).

“The Co-Evolution of Network Structure, Strategic Behavior, and Equilibrium Dynamics,” (with Joana Resende, University of Porto, and Jose Figue, Indiana University).

“Club Networks: Multiple Memberships and Heterogeneous Agents,” (with Yasemin Dede, Bilkent University).

“Jurisdictional Competition in Taxes and Local Public Goods,” (with Pascale Duran-Vigneron, University of Nottingham, and Sashama Murty, University of Exeter).

“Budget Balancedness and Jurisdictional Competition in Nonlinear Taxation and the Provision of Local Public Goods,” (with Andrea Lockhart, Indiana University).

“Selections and Fixed Points of Nonconvex, Measurable-Selection-Valued Correspondences.”

"Strong Mechanisms for an Informed Principal," (with Joao Correia da Silva, University of Porto and Joana Resende, University of Porto).

"Endogenous Subgame Perfect Network Dynamics," (with Joana Resende, University of Porto).

"Strategic Financial Contracting, Endogenous Financial Supernetworks, and Contagion Risk," (with Pallavi Baral, Indiana University).

"Tipping Points and Endogenous Network Formation," (with Jose Figue, Indiana University).

"On Optimal Contracting Mechanisms for Principal-Agent Games with Adverse Selection and Moral Hazard," (with Yu Chen (Larry), Indiana University).

"The Delegation Principle and Budget Balanced Optimal Income Tax and Public Good Mechanisms," (with Andrea Lockhart, Indiana University).

"Endogenous Contracting Networks and Competitive Nonlinear Pricing Games."

"Endogenous Nash Mechanisms and Equilibrium in Competitive Contracting Games with Moral Hazard and Adverse Selection," (with Paulo K. Monteiro, EPGE/FGV).

"Nonlinear Pricing Games and Nash Equilibrium under Nonexclusive Common Agency," (with Paulo K. Monteiro, EPGE/FGV).

"Competitive Contracting Networks."

"Optimal Strategy-Proof Choice Mechanisms for Auctions and Markets with Multidimensional, Stochastically Dependent Private Information," (with Paulo K. Monteiro, EPGE/FGV).

"Farsightedly Stable Agenda Formation,"

"A Common Agency Model of Competition in the Mutual Funds Market,"

"Strategic Competition in the Investment Banking Industry: IPOs and Compensation Contracts for Investment Bankers."

"The Optimal Design of Executive Compensation."

"Competitive Contracting Games with a Privately Informed, Budget Constrained Agent."

"Mechanism Externalities in Common Agency Games."

Editorial, Refereeing, and Professional Responsibilities:

Vice President, Association for Public Economic Theory

Associate Editor: *Journal of Public Economic Theory*
(associate editor for the areas of optimal taxation, group formation and interjurisdictional competition, and mechanism design & IO)

Associate Editor: *Annals of Finance*
(associate editor for the areas of contract theory and corporate finance)

Associate Editor: *Journal of Games and Dynamics*
(associate editor for the areas of network formation games and endogenous dynamics)

Associate Editor: *Games Theory*
(associate editor for the areas of network formation games and endogenous dynamics)

Refereeing: *Econometrica*, *American Economic Review*, *Journal of Economic Theory*, *Rand Journal*, *Journal of Mathematical Economics*, *Review of Economic Studies*, *Games and Economic Behavior*, *Economic Theory*, *Journal of Finance*, *Journal of Financial and Quantitative Analysis*, *Journal of Public Economics*, *International Economic Review*.

Conferences Organized and Program Committee Memberships:

Program Committee, 4th Annual UECE - Lisbon Meetings - Game Theory and Applications, October 18-20, 2012, Lisbon Portugal.

Program Committee, 3rd Annual UECE - Lisbon Meetings - Game Theory and Applications, November 3-5, 2011, Lisbon Portugal.

Session Organizer, 11th SAET Meetings, Faro, Portugal, June 26 - July 1, Session Title: Strategic Networks: Structure, Behavior, and Dynamics.

Session Organizer, 13th SAET Meetings, Paris, France, July 22 - July 27,
Session Title: Stochastic Games and Network Formation

Fund Raiser and Organizer for PET11, Indiana University Bloomington, June 2-4, 2011.

Program Committee, 2nd Annual UECE - Lisbon Meetings - Game Theory and Applications, November 4-6, 2010, Lisbon Portugal.

Session Organizer for Four Sessions on Networks, held at SAET09 Ischia, June 28-July 5, 2009, Italy.

Session Organizer for Four Sessions on Networks, held at PET09 Galway, June 8-20, 2009, Ireland.

Obtained Funding and Organized the 2006 NSF/NBER Decentralization Conference, University of Paris 1 (Pantheon Sorbonne), The first Decentralization Conference held outside North America, April, 2006.

Program Committee, Workshop on Externalities, Public Goods and Games, held in conjunction with the 17th International Conference on Game Theory, July 8-9, 2006, Stony Brook.

Session Organizer for session on Networks and Coalitions, held at the 17th International Conference on Game Theory, July 10-14, 2006, Stony Brook.

Obtained Funding and Organized the First International Conference on Public Economic Theory, University of Alabama, May 1998. Held in conjunction with the launch of the new journal, *Journal of Public Economic Theory*.

Obtained Funding and Organized the 1996 NSF/NBER Decentralization Conference, University of Alabama, April, 1996.

Session Organizer, Networks, 2009 SAET Conference on Current Trends in Economics, Ischia, Italy, June, 2009.

Program Committee, 2013, Public Economic Theory Conference (PET 2013), Católica University, Lisbon, July, 2013.

Program Committee, 2012, Public Economic Theory Conference (PET 2012), Taipei, Taiwan, June, 2012.

Program Committee, 2010, Public Economic Theory Conference (PET 2010), Istanbul, Turkey, June, 2010.

Program Committee, 2009 Public Economic Theory Conference (PET 2009), Galway, Ireland, June, 2009.

Program Committee, 2008 Public Economic Theory Conference (PET 2008), Seoul, South Korea, June, 2008.

Program Committee, 2007 Public Economic Theory Conference (PET 2007), Vanderbilt University, July, 2007.

Program Committee, 2006 Public Economic Theory Conference (PET 2006), Hanoi Vietnam, July, 2006.

Program Committee, 2005 Public Economic Theory Conference (PET 2005), Universite de la Mediterranee, Marseille, June, 2005.

Program Committee, 2004 Public Economic Theory Conference (PET 2004), University of Peking, China, August, 2004.

Program Committee, 2003 Public Economic Theory Conference (PET 2003), Duke University, June, 2003.

Program Committee, 2002 Public Economic Theory Conference (PET 2002),
University of Paris I, July, 2002.

Program Committee, 2000 Public Economic Theory Conference (PET 2000),
University of Warwick, July, 2000.

Program Committee, 1994 North American Summer Meeting of the Econometric
Society, Quebec City.

Program Committee, 1992 Southeastern Theory and Trade Meetings (SETT),
University of Alabama.

Teaching and Research Awards and Honors:

Recipient of the Robert L. Hatcher III Award for Outstanding Teaching, April,
1998.

Recipient of the Alabama Finance Association Award for Outstanding Teaching,
April, 2005.

Board of Visitors Research Professorship, November 1997 – December 2001,
December 2003 – July 2005.

Phifer Fellow, August 2005 – Summer 2007.

Gould Fellowship, Paris School of Economics, Summer 2009.

Research Visits:

Visiting Professor, University of Porto, Economics, summer 2012

Visiting Professor, University of Porto, Economics, summer 2011

Visiting Professor, University of Paris I, CERMSEM, summer 2010

Visiting Professor, University of Paris I, CERMSEM, summer 2009

Visiting Professor, University of Paris I, CERMSEM, summer 2008

Visiting Professor, University of Paris I, CERMSEM, summer 2007

Visiting Professor, University of Paris I, CERMSEM, spring 2006

Visiting Professor, University of Paris I, CERMSEM, summer 2005

Visiting Professor, University of Paris I, EUREQua, summer 2004

Visiting Professor, University of Paris I, CERMSEM, summer 2003

Visiting Professor, University of Paris I, CERMSEM, summer 2002

Visiting Professor, University of Warwick, Department of Economics, summer 2001

Visiting Professor, University of Paris I, CERMSEM, spring 2001

Visiting Professor, University of Warwick, Department of Economics, summer 2000

Visiting Professor, University of Exeter, School of Business and Economics, spring 1999

Center for Operations Research and Econometrics (CORE), Universite Catholique De Louvain, spring 1999

Tilburg University, Center for Economic Research (CentER), spring 1999

Tilburg University, Center for Economic Research (CentER), fall 1994

Universitat Autònoma Barcelona, Departament d'Economia, i d'Historia Econòmica, fall 1994

Selected Seminar Presentations 2007-Present:

Presented, "Approximable Discounted Stochastic Games and Stationary Markov Equilibria," Invited Talk, Microeconomics Workshop, Rutgers University, April 17, 2013.

Presented, "Approximable Discounted Stochastic Games and Stationary Markov Equilibria," Invited Talk, Microeconomics Workshop, University of Kentucky, April 5, 2013.

Presented, "Approximable Nash Correspondences: Externalities, Nonconvexities, and Fixed Points," Invited Talk, 4th Annual UECE - Lisbon Meetings - Game Theory and Applications, October 18, 2012, Lisbon Portugal.

Presented, "Approximable Nash Correspondences: Externalities, Nonconvexities, and Fixed Points," Invited talk, Université de Montréal, October 1, 2012.

Presented, "The Co-Evolution of Network Structure, Strategic Behavior, and Equilibrium Dynamics," Invited talk, Political Theory Workshop, Indiana University, Bloomington, September 17, 2012.

Presented, "Rollover Risk and Endogenous Network Dynamics," Invited talk, Latsis Symposium, ETH Zurich, Switzerland, September 12 - 14, 2012.

Presented, "Externalities and Fulfilled Expectations Equilibria," Games 2012, Istanbul, July 25, 2012.

Presented, "New Properties of Nash Correspondences: Externalities, Nonconvexities, and Fixed Points," Invited Talk, Summer Workshop in Economic Theory (SWET 12), Paris School of Economics, University of Paris 1, July 10, 2012.

Presented, "Externalities and Fulfilled Expectations Equilibria," Invited Talk, European Workshop on General Equilibrium Theory, Exeter, UK, June 2, 2012.

Presented, "New Properties of Nash Correspondences: Externalities, Nonconvexities, and Fixed Points," Invited Talk, Conference in Honor of Cuong Le Van, Paris School of Economics, University of Paris 1, December 16, 2011.

Presented, "Stationary Markov Equilibria in Discounted Stochastic Games," Invited Talk, Ensai, Rennes, December 8, 2011.

Presented, "New Properties of Nash Correspondences: Externalities, Nonconvexities, and Fixed Points," Invited Talk, 3rd Annual UECE - Lisbon Meetings - Game Theory and Applications, Lisbon, November 4, 2011.

Presented, "Stationary Markov Equilibria in Discounted Stochastic Games," Invited Talk, CES, Paris 1 (Pantheon-Sorbonne), October 28, 2011.

Presented, "Stationary Markov Equilibria in Discounted Stochastic Games," Invited Talk, Department of Mathematics, Humbolt University, Berlin, October 19, 2011.

Presented, "Stationary Markov Equilibria in Discounted Stochastic Games," Invited Talk, Workshop in Honour of Cuong Le Van, Exeter Business School, September 9-11, 2011.

Presented, "Stationary Markov Equilibria in Discounted Stochastic Games," Invited Talk, Micro Theory Workshop, EPGE/FGV, Rio de Janeiro, August 15, 2011.

Presented, "The Co-Evolution of Network Structure, Strategic Behavior, and Equilibrium Dynamics," 11th SAET Meetings, Faro Portugal, June, 2011.

Presented, "Strong Mechanisms for an Informed Principal," (with Joao da Silva and Joana Resende), 2nd Annual UECE - Lisbon Meetings - Game Theory and Applications, Lisbon, November, 2010.

Presented, "Stationary Markov Correlated Equilibria in Discounted Stochastic Games," 2nd Annual UECE - Lisbon Meetings - Game Theory and Applications, Lisbon, November, 2010.

Presented, "Stationary Markov Correlated Equilibria in Discounted Stochastic Games," Invited Talk, Carlos III, Madrid, Spain, November, 2010.

Presented, "Endogenous Network Dynamics," 2nd Brazilian Workshop of the Game Theory Society in Honor of John Nash, Sao Paulo School of Advanced Sciences on Game Theory on FAPESP, July, 2010.

Presented, "Stationary Markov Correlated Equilibria in Discounted Stochastic Games," PET10, Istanbul Turkey, June, 2010.

Presented, "Endogenous Network Dynamics," Invited Talk, Microeconomics Theory Seminar, University of Porto, June, 2010.

Presented, "Strong Mechanisms for an Informed Principal," (with Joao da Silva and Joana Resende) Summer Workshop in Economic Theory (SWET10), Paris, June 2010.

Presented, "Endogenous Network Dynamics," Invited Talk, Mini-Conference on Economic Theory, University of Exeter, May, 2010.

Presented, "Endogenous Network Dynamics," Behavioral and Quantitative Game Theory Conference, Newport Beach California, May, 2010.

Presented, "Endogenous Network Dynamics," GEinRIOMarch, 2010.

Presented, "Network Structure, Strategic Behavior, and Endogenous Markov Supernetworks," LSU Conference on Networks: Theory and Applications, February, 2010.

Presented, "Endogenous Network Dynamics," Queens University, Belfast Ireland, December, 2009.

Presented, "Endogenous Network Dynamics," Microeconomics Theory Seminar, Bilkent University, Ankara Turkey, October 27, 2009.

Presented, "Networks and Stability," Microeconomics Study Group, Bilkent University, Ankara Turkey, October 26, 2009.

Presented, "Endogenous Network Dynamics," Economics Theory Seminar, Paris School of Economics, October 23, 2009.

Presented, "Endogenous Network Dynamics," SAET09 Ischia, Italy, July, 2009.

Presented, "Endogenous Network Dynamics," PET09 Galway, National University of Ireland, June, 2009.

Presented, "Endogenous Network Dynamics," DIME International Conference on the Formation and Evolution of Social and Economic Networks, Universite Paris 1 (Pantheon-Sorbonne), June, 2009.

Presented, "Endogenous Markov Supernetworks," Sorbonne Workshop on Economic Theory, Universite Paris 1 (Pantheon-Sorbonne), June, 2009.

Presented, "Strategic Networks and Endogenous Network Dynamics: A Short Course," Centre d'Economie de la Sorbonne, Universite Paris 1 (Panthéon-Sorbonne), June, 2009.

Presented, "Networks and Stability," Finance Department Seminar, University of New Orleans, March, 2009.

Presented, "Endogenous Network Dynamics," Networks and Complex Systems Seminar, Indiana University, Bloomington, February, 2009.

Presented, "Networks and Stability," Political Science Seminar Y673, Networks and Institutions, Indiana University, Bloomington, February, 2009.

Presented, "Emergent Network Dynamics and Strategic Social Interactions," Coalition Theory Network Workshop, Maastricht, The Netherlands, January, 2009.

Presented, "Networks and Stability," Third World Congress of the Game Theory Society, Kellogg School of Management, July, 2008.

Presented, "Emergent Network Dynamics and Strategic Social Interactions," 4th Uninet Workshop, New Directions in Network Modelling, Universite Paris Descartes, June, 2008.

Presented, "Club Networks with Multiple Memberships and Noncooperative Stability," Microeconomics Theory Workshop, CES, Paris 1, June, 2008.

Presented, "Club Networks with Multiple Memberships and Noncooperative Stability," Social Networks and Peer Effects: theory and Applications, A Conference in Memory of Antoni Calvo-Armengol, Barcelona, May, 2008.

Presented, "Club Networks with Multiple Memberships and Noncooperative Stability," Midwest Theory and Trade Workshop, University of Illinois, May, 2008.

Presented, "Strategic Basins of Attraction, the Path Dominance Core, and Network Formation Games," Microeconomic Theory Seminar, Department of Economics, IUPUI, February, 2008.

Presented, "Strategic Basins of Attraction, the Path Dominance Core, and Network Formation Games," Microeconomic Theory Seminar, Department of Economics, Ohio State University, November, 2007.

Presented, "Strategic Basins of Attraction, the Path Dominance Core, and Network Formation Games," Microeconomic Theory Seminar, Centre d'Economie de la Sorbonne, Paris 1, October, 2007.

Presented, "Club Networks with Multiple Memberships and Noncooperative Stability," Workshop on Mathematical Economics, Universidade de Vigo, Spain, October, 2007.

Presented, "Club Networks with Multiple Memberships and Noncooperative Stability," Seminar, Department of Mathematics, University of Warwick, UK, October, 2007.

Presented, "Strategic Basins of Attraction, the Path Dominance Core, and Network Formation Games," Microeconomics Seminar, Department of Economics, University of Arizona, September, 2007.

Presented, "Strategic Basins of Attraction, the Path Dominance Core, and Network Formation Games," Microeconomics Seminar, Department of Economics, Arizona State University, September, 2007.

Presented, "Endogenous Mechanisms and Nash Equilibrium in Competitive Contracting Games," PET07, Vanderbilt University, July, 2007.

Presented, "Networks, Clubs, and Stability," International Conference on the Formation Social Networks, Carre des Sciences, Paris, June, 2007.

Presented, "Strategic Basins of Attraction, the Path Dominance Core, and Network Formation Games," Microeconomics Seminar, School of Economics, Georgia Tech, January, 2007.

Grant Activity:

"Tax Policy and Operations in the Context of Economic and Societal Change"
ESRC/HMRC, UK, funded September 2010.

University Service:

Strategic Planning Committee, College of Arts and Sciences, Indiana University, Fall Semester, 2008.

Departmental Faculty Review Committee, Economics, Indiana University, Fall 2008 - Spring 2010.

Dean Search Committee, College of Arts and Sciences, Indiana University. Fall Semester 2010.

Department of Economics, Indiana University, Executive Committee, Fall 2010-present.

Department of Economics, Indiana University, Micro Theory Recruiting Committee, Fall 2010 - Spring 2011.

External Review Committee, School of Economics, Georgia Tech University, November, 2010.

Teaching Experience:

Fall 2007-Present, Department of Economics, Indiana University.

Courses Taught:

Advanced Microeconomics (PhD);
Networks (PhD);
Game Theory (PhD);
Financial Economics (undergraduate).

Fall 1990-Spring 2007, Culverhouse College of Commerce and Business Administration, University of Alabama.

Courses Taught:

Contracting and Game Theory (PhD);
Corporate Finance (undergraduate, MA/MBA, PhD);
Investments (undergraduate, MA/MBA);
Derivative Markets (undergraduate, MA/MBA);
Microeconomics (undergraduate).

Fall 1988-Spring 1990, Graduate School of Business, Indiana University.

Courses Taught:

Corporate Finance (undergraduate).

Fall 1985-Summer 1988, Graduate School of Business Administration, University of Houston.

Courses Taught:

Corporate Finance (MBA, PhD);
Investments (undergraduate, MBA).

Summer 1981-Summer 1985, Graduate School of Business, University of Texas.

Courses Taught:

Corporate Finance (MBA, PhD).

Fall 1978-Spring 1981, School of Business, Tulane University.

Courses Taught:

Microeconomics (MBA).

April, 2013