



Rensselaer

Dr. VIVEK GHOSAL

*Professor and Department Head of Economics
Virginia and Lloyd W. Rittenhouse Chair
Rensselaer Polytechnic Institute
Troy NY 12180 USA*

EDUCATION

- Ph.D. Economics, Warrington College of Business, University of Florida, USA.
Dissertation: *Market Structure, Strategic Investment Behavior, and Profitability.*
- M.A. Economics, Delhi School of Economics, Delhi, India.
- B.A. Economics (Honors), University of Delhi, India.

RESEARCH AND POLICY INTERESTS

Firm Strategy: Innovation, M&As, Pricing, Investment.
Antitrust, Competition Law & Economics.
Firms' Decisions under Uncertainty: Investment, Employment, Entry and Exit, Innovation.
Economic Policy and Regulations: Efficiency, Innovation, Competition, Compliance.
Selected Industries and Topics for Contracts, Grants and Research Projects:
Healthcare; Biopharmaceuticals; Automobiles; Information Technology; Telecommunications & Media; Paper Products; Advanced Manufacturing; Transportation.

PRIMARY POSITIONS

Rensselaer Polytechnic Institute, School of Humanities and Social Sciences, Department of Economics.
Department Head and Professor (2016 – present).
Virginia and Lloyd W. Rittenhouse Chair (2016 – present).

Georgia Institute of Technology, Ivan Allen College, School of Economics.
Richard and Mary Inman Chair Professor (2015 – 2016).
Full Professor (2010 – 2016). Associate Professor (2001 – 2009).
Director of Graduate Programs: Ph.D. (2012-2016); MS (2011-2016).

U.S. Department of Justice, Antitrust Division (Washington D.C.).
Economic Analysis Group (1998 – 2001).
Investigated antitrust, competition, innovation, and regulatory matters. *Industries:* electricity, energy, information technology, electronics, telecommunications, media, healthcare and postal.

Miami University, Richard T. Farmer School of Business, Department of Economics.
Associate Professor (with tenure, 1996 – 1998). Assistant Professor (1990 – 1996).

University of Florida, Warrington College of Business, Department of Economics.
Visiting Assistant Professor, Department of Economics (1988 – 1990).
Research Associate, Public Utilities Research Center (1987 – 1988).
Analyzed M&As and JVs in telecommunications and media markets.

PROFESSIONAL APPOINTMENTS

Center for Economic Studies and the Ifo Institute (*CESifo*, Munich). Research Fellow, 2003 – present.

Center for Biotechnology & Interdisciplinary Studies (Rensselaer Polytechnic Institute). Affiliated Faculty, 2018 – present.

Public Policy Research Center (University of Florida, Gainesville). Research Associate, 2018 – present.

European Business School (Wiesbaden, Germany). Visiting Professor, 2010 – 2018. Taught graduate management course focusing on environmental regulations, sustainability and innovation.

Korea Development Institute, School of Public Policy and Management (Seoul, S. Korea). Visiting Professor 2010 – 2016. Taught training course for public policy professionals on regulatory reforms at the joint OECD–KDI School of Public Policy & Management international program.

Organization for Economic Cooperation and Development (Paris). Economics Consultant, 2005 – 2013. Projects on regulatory reform, competition assessments, innovation, and consumer choice.

Sloan Foundation, Industry Studies Program. Research Affiliate, 2006 – 2009.

Department of Innovation, Manufacturing and Service, Deutsches Institut für Wirtschaftsforschung (*DIW*, Berlin). Research Professor, 2004 – 2007.

Economics Network for Competition and Regulation (ENCORE), University of Amsterdam (Amsterdam). Research Fellow, 2005 – 2012.

JOURNAL EDITORIAL BOARDS

Editorial Board, *Business Strategy and the Environment* (Wiley), 2013 – present.

Editorial Board, *Review of Industrial Organization* (Springer), 2004 – present.

Associate Editor, *Southern Economic Journal* (Wiley), 2019 – present.

Editorial Board, *Journal of Industry, Competition and Trade* (Springer), 2018 – present.

Editorial Board, *Business Strategy and Development* (Wiley), 2018 – present.

Editorial Board, *Review of Professional Management*, 2015 – present.

CONTRACTS, GRANTS AND RESEARCH AWARDS

“Center for Extreme Biomolecular Sciences.” (With Catherine Royer, PI, and Co-PIs George Makhatadze, Gaetano Montelione, Blanca Barquera, Karyn Rogers, Wilfredo Colon, Peter Fox, and Jonathan Dordick.) Knowledge Innovation Program Seed Grant, Rensselaer Polytechnic Institute, 2019-2020.

“Micro-Dynamics of Industrial Location, and its effects on Economic Development and the Transportation Network.” (Co-PI with Frank Southworth.) U.S. Department of Transportation and Woodruff Foundation, 2012 – 2015.

“The Proposed Acquisition by Comcast of Time Warner Cable.” (PI) National Telephone Cooperative Association, 2015.

- “Advanced Manufacturing and Economic Development.” (PI)
Georgia Institute of Technology, Dean’s Grants for Research, 2015.
- “Regulatory Reform and Competition Assessments in the Indian Economy.” (PI)
Organization for Economic Cooperation and Development (Paris), 2013.
- “Assessing Transportation Equipment Manufacturing Capabilities for U.S. High-Speed Rail Infrastructure Investments.” (PI)
U.S. Department of Transportation, Research & Innovative Technology Administration, 2011 – 2012.
- “Environmental Regulations, Innovation and Efficiency.” (Co-PI with Andreas Stephan.)
Ragnar Söderberg’s Foundation (Stockholm), 2011 – 2012.
- “Adoption of Information Technology by Healthcare Clinics.” (PI)
Georgia Institute of Technology, Dean’s Grants for Research, 2011.
- “Telecommunications and Media Markets in Taiwan: Evaluating Regulatory Reform, and Effects on Competition and Innovation.” (PI)
Organization for Economic Cooperation and Development (Paris), 2009.
- “Capacity Building for Implementing Competition Assessment Toolkit.” (PI)
Organization for Economic Cooperation and Development (Paris), 2008 – 2009.
- “Consumer Choice and Decision Making.” (PI)
Organization for Economic Cooperation and Development (Paris), 2008.
- “Competition Policy, and Global Investment and Economic Development.” (PI)
Organization for Economic Cooperation and Development (Paris), 2007.
- “Guidance for Performing Competition Assessments.” (PI)
Organization for Economic Cooperation and Development (Paris), 2005 – 2007.
- “Role of Innovation in the Pulp and Paper Industry.” (Co-PI with Usha Nair-Reichert.)
Alfred P. Sloan Foundation, 2004 – 2006.
- “Examining Technology Gap between US and European Firms in the Pulp and Paper Industry.” (PI)
Alfred P. Sloan Foundation, 2002 – 2003.
- “Long-term Healthcare Staffing Needs for Elderly.” (Co-PI with William Even.)
Scripps Foundation and the Ohio Long-Term Care Research Project, 1996 – 1997.

Honors and Awards

Excellence in Curriculum Development, School of Humanities, Arts and Social Sciences, Rensselaer Polytechnic Institute, 2019.

Trustees’ Faculty Achievement Award, Rensselaer Polytechnic Institute, 2016.

Doctoral Dissertation Fellowship in Industrial Organization, Public Policy Research Center, Warrington College of Business, University of Florida, 1987 – 1988.

RESEARCH VISITS

University of Pompeu Fabra (Barcelona, Spain), October 2019.
Research: Competition law and enforcement.

Research Institute of Economy, Trade and Industry (RIETI, Tokyo), August 2019.
Research: Competition policy and law enforcement. Automotive environmental regulations.

Lingnan University (Hong Kong), May 2019.
Research: Competition policy and law enforcement.

Pontificia Universidad Católica de Chile (Santiago), November 2017.
Research: Evolution of cartel enforcement and cross-country comparisons.

Centre for European Economic Research (ZEW, Mannheim), October and November 2015.
Research: Innovation in automobile markets; Antitrust cartel enforcement.

Research Institute for Industrial Economics (Stockholm), November 2014.
Research: Competition law and enforcement.

Ifo Institute (Munich), November 2013.
Research: Forecasting, uncertainty and firm decision-making.

European School for Management and Technology (Berlin), September 2013.
Research: Environmental regulations, sustainability and innovation.

International Monetary Fund, Research Department (Washington D.C.), July 2012.
Research: Impact of uncertainty on businesses.

Jönköping International Business School (Jönköping), June & November 2011.
Research: Environmental regulations and innovation in Swedish manufacturing.

Jönköping International Business School (Jönköping), May 2009.
Research: Environmental regulations and investments in the Swedish manufacturing.

Ludwig Maximilians University, Center for Economic Studies (Munich), May 2009.
Research: Innovation strategy in the global automobile manufacturing industry.

Deutsches Institut für Wirtschaftsforschung (Berlin), June – July 2004.
Research: Innovation and product quality in the automobile manufacturing industry.

Wissenschaftszentrum für Sozialforschung (WZB, Berlin), June – July 2003.
Research: Political-economy of competition law enforcement.

Ludwig Maximilians University, Center for Economic Studies (Munich), May 2003.
Research: Industry dynamics and the evolution of the size distribution of firms.

Central Planning Bureau (Den Haag), June – August 2002.
Research: Competition policy issues and healthcare reform in The Netherlands.

TEACHING

Regular Semester Courses

* At Rensselaer Polytechnic Institute and Georgia Institute of Technology

Economics of Biotechnology & Medical Innovations
Economics of Regulations & Business Strategy
Health Economics & Policy
Microeconomics of Innovation
Industrial Organization Theory & Applications
Microeconomic Theory

Short Courses

European Business School (Wiesbaden, Germany).

Graduate management course on environmental regulations, sustainability and innovation. 2010-2018.

Joint Korea Development Institute, School of Public Policy and Management (Seoul, S. Korea) and Organization for Economic Cooperation and Development (OECD, Paris) international program.

Training course for public policy professionals on regulatory reforms and economic policy. 2010-2016.

Indian Institute of Corporate Affairs and Competition Commission of India (New Delhi).

Executive education course for regulatory and policy professionals on “Competition Impact Assessment.” Presented lectures on: “Conceptual Background for Developing Assessment Framework”; “Developing the Competition Assessment Toolkit”; “Competition Assessment for Markets for Consumer Goods and Services”; and “Competition Assessments: Fitting into Policy Development.” 2013.

Development Bank of Japan (Tokyo).

Training course for regulatory professionals. Assessment of Mergers and Acquisitions. 2013.

Taiwan Fair Trade Commission (Taipei).

Executive education course for regulatory and policy professionals on “Regulatory Reform and Competition Assessments.” Lectures on: “Competition and Benefits”; “Competition Assessments and their Implementation”; “Quantitative Analysis of Competition Assessments”; and “Fitting Competition Assessments into Policy Development.” 2008 and 2009.

Maximixe (Lima).

Executive education course for regulatory, business and law professionals on “Competition Policy and Law Enforcement in US and EU: Cartels, Merger Control, and Transnational Mergers.” 2006.

University of Amsterdam, Economics Network for Competition and Regulation (Amsterdam).

Graduate Summer School on “Competition Law Enforcement.” 2006.

Ludwig Maximilians University, Center for Economic Studies (Munich).

Graduate Summer School on “Industry Dynamics: M&As, Efficiency and Market Power.” 2003.

Central European University (Budapest).

Graduate Summer School on “Competition Policy in Transition Economies.” 2003.

RESEARCH

Published Books

Reforming Rules and Regulations: Laws, Institutions and Implementation. (Editor). *MIT Press*: Cambridge, 2011.

The Political Economy of Antitrust. (Editor, with co-editor Johan Stennek). Contributions to Economic Analysis Series, *Elsevier Science*: Amsterdam, 2007.

Published Papers

“Big Data and Competition Law in Asia.”

Antitrust Chronicle, Competition Policy International Special Issue on Competition Law in the Asia Pacific (APAC) Region, 2022, 1 – 9.

“Internationalization of Innovation and Firm Performance in the Pharmaceutical Industry.” (With Carrie Zhai.)

International Review of Economics and Finance, 2022, 882-905.

“Medical Malpractice Reform and its Impact on Lawsuits and Damages Payments.” (With D. Daniel Sokol and Guanming Chen.)

Harvard Public Health Review, 2021, 1 – 11.

“Firm-level Human Capital & Innovation: Evidence from China.” (With Xiuli Sun and Haizheng Li.)

China Economic Review, 2020, 1 – 15.

“The Rise and (Potential) Fall of U.S. Cartel Enforcement.” (With D. Daniel Sokol.)

Illinois Law Review, 2020, 471 – 508.

“The Impact of Uncertainty on the Number of Businesses.” (With Yang Ye.)

Journal of Economics and Business, 2019, 1 – 18.

“Decentralized Environmental Regulations and Plant-Level Productivity.” (With Andreas Stephan and Jan Weiss.)

Business Strategy and the Environment, 2019, 998 – 1011.

“Promoting Innovation to Foster Competition, Economic Development and Growth in Developing Economies.”

In Pursuing Competition and Regulatory Reforms for Achieving Sustainable Development Goals, Competition, Regulation and Development Series, CUTS International, 2016, Chapter 10, 193 – 212.

“Policy Innovations, Political Preferences, and Cartel Prosecutions.” (With D. Daniel Sokol.)

Review of Industrial Organization 48, 2016, 405 – 432.

“Business Incubators and Accelerators.”

In Entrepreneurship, Technology, and Innovation, David Audretsch, Albert Link and Chris Hayter (Editors), Edgar Elgar, 2015, Chapter 20, 108 – 118.

“Uncertainty and the Employment Dynamics of Small and Large Businesses.” (With Yang Ye.)

Small Business Economics: An Entrepreneurship Journal 44, 2015, 529 – 558.

“Business Strategy and Firm Reorganization: Role of Changing Environmental Standards, Sustainable Business Initiatives, and Global Market Conditions.”

Business Strategy and the Environment 24, 2015, 123 – 144.

“The Evolution of U.S. Cartel Enforcement.” (With D. Daniel Sokol.)

Journal of Law and Economics 57, 2014, 51 – 65.

“Compliance, Detection, and Mergers and Acquisitions.” (With D. Daniel Sokol.)

Managerial and Decision Economics 34, 2013, 514 – 528.

Runner Up, Concurrences Antitrust Writing Awards (2014)

“Assessing Potential Competition in Antitrust Markets.”

In The International Handbook of Competition, Manfred Neumann and Jürgen Weigand (Editors), Edward Elgar, 2nd Edition, 2013, Chapter 10, 265 – 306.

“Resource Constraints and Competition Law Enforcement: Theoretical Considerations and Observations from Selected Cross-Country Data.”

In Competition Law and Development, D. Daniel Sokol, Thomas Cheng and Ioannis Lianos (Editors), Global Competition Law and Economics Series, Stanford University Press, 2013, Chapter 6, 90 – 114.

“The Law and Economics of Enhancing Cartel Enforcement: Using Information from Non-Cartel Investigations to Prosecute Cartels.”

Review of Law and Economics 7, 2011, 501 – 538.

“Regime Shift in Antitrust Laws, Economics and Enforcement.” (Previously circulated as Regime Shifts in Antitrust.)

Journal of Competition Law and Economics 7, 2011, 733 – 774.

“Adoption and Reform of Competition Laws and their Enforcement: A Cross-Country Perspective.” (With Siddhartha Mitra.)

In Evolution of Competition Laws and their Enforcement: A Political Economy Perspective, Pradeep S. Mehta (Editor), Advances in Global Competition Law Series, Routledge: Oxford, 2011, Chapter 2, 1 – 25.

“Quantifying the Role Played by Sunk Capital Costs in Real-Options Models.”

In special issue on “Operating Uncertainty and Real Options,” *Scottish Journal of Political Economy*, 2010, 343 – 358.

“Global Initiatives in Reforming Rules and Regulations.” (With Sean Ennis.)

In Reforming Rules and Regulations: Laws, Institutions and Implementation, Vivek Ghosal (Editor). MIT Press: Cambridge, 2010, Chapter 1, 1 – 32.

“Investments in Modernization, Innovation and Gains in Productivity: Evidence from Firms in the Global Paper Industry.” (With Usha Nair-Reichert.)

Research Policy, 2009, 536 – 547.

“The Effects of Uncertainty and Sunk Costs on Firms’ Decision-Making: Evidence from Net Entry, Industry Structure and Investment Dynamics.”

In The Economics of Imperfect Markets, Giorgio Calcagnini and Enrico Saltari (Eds.), Contributions to Economics, Springer: New York, 2009, Chapter 9, 167 – 182.

- “The Genesis of Cartel Investigations: Some Insights from Examining the Dynamic Interrelationships between U.S. Civil and Criminal Antitrust Investigations.”
Journal of Competition Law and Economics, 2008, 61 – 88.
- “Rewarding Whistleblowers: Ratcheting up the Fight Against Cartels.”
Global Competition Review, 2008, 31 – 33.
- “Issues in Antitrust Enforcement.” (With Joseph E. Harrington Jr. and Johan Stennek.)
In The Political Economy of Antitrust, Vivek Ghosal and Johan Stennek (Editors),
Contributions to Economic Analysis Series, Elsevier: Amsterdam, 2007, Chapter 1, 1 – 23.
- “Framework for Competition Assessments.”
In Competition Assessment Toolkit, *OECD Competition Law and Policy*, 2007, Chapter 4, 59 – 156.
- “Economics, Politics and Merger Control.”
In Recent Developments in Antitrust: Theory and Evidence, Jay Pil Choi (Ed.). MIT Press:
Cambridge, 2006, Chapter 5, 125 – 152.
- “Pre-Emptive Investments and Industry Structure.”
Economic Issues 9, 2004, 47 – 68.
- “Potential Foreign Competition in U.S. Manufacturing.”
International Journal of Industrial Organization 20, 2002, 1461 – 1489.
- “Competition in International Postal Markets: Should the Universal Postal Union’s Anti-Retail Provisions Be Repealed?”
World Competition Law and Economics Review 26, 2002, 205 – 222.
- “Cyclical Behavior of the Department of Justice’s Antitrust Enforcement Activity.” (With Joseph Gallo.)
International Journal of Industrial Organization 19, 2001, 27 – 54.
- “The Differential Impact of Uncertainty on Investment in Small and Large Firms.” (With Prakash Loungani.)
Review of Economics and Statistics 82, 2000, 338 – 343.
- “Product Market Competition and Industry Price-Cost Markup Fluctuations: Role of Energy Price and Monetary Changes.”
International Journal of Industrial Organization 18, 2000, 415 – 444.
- “Product Market Competition and the Impact of Price Uncertainty on Investment.” (With Prakash Loungani.)
Journal of Industrial Economics 44, 1996, 217 – 228.
- “Evidence on Nominal Wage Rigidity from a Panel of U.S. Manufacturing Industries.” (With Prakash Loungani.)
Journal of Money, Credit, and Banking 28, 1996, 650 – 668.
- “Does Uncertainty Influence the Number of Firms in an Industry?”
Economics Letters 50, 1996, 229 – 237.

- “Input Choices under Price Uncertainty.”
Economic Inquiry 33, 1995, 142 – 158.
- “Price Uncertainty and Output Concentration.”
Review of Industrial Organization 10, 1995, 749 – 767.
- “Demand Uncertainty and the Capital-Labor Ratio: Evidence from the U.S. Manufacturing Sector.”
Review of Economics and Statistics 73, 1991, 157 – 162.
- “Market Structure, Price-Cost Margins and Unionism.”
Economics Letters 29, 1989, 179 – 182.

Papers in Various Stages

- “Innovations in Alzheimer’s Treatments.” (With Cooper Urban.)
- “Big Data and Competition Law: Emerging Challenges.”
- “Environmental Regulations and Patenting by Automotive Firms.”
- “Impact of Uncertainty on Innovation and Investments in the Pharmaceuticals Industry.” (With Carrie Zhai.)
- “Medical Devices Recalls.” (With D. Daniel Sokol and Carrie Zhai.)
- “Infrastructure Investments in High Speed Rail in the U.S.”
- “Small and Large Businesses, Human Capital and Productivity.” (With Xiuli Sun.)
- “Adoption and Diffusion of Information Technology in Healthcare Markets.” (With Brant Callaway.)
- “Chain Affiliation and Adoption of Information Technology.” (With Brant Callaway.)
- “Innovation Strategy, Economic Development, and Growth.”
- “Advanced Manufacturing Plants, and Economic and Business Development.”
- “Changing Dynamics of Public-Private Partnerships in International Infrastructure Investments.”
- “Uncertainty, Investment Costs, and the Evolving Patterns of Corporate Partnerships in Infrastructure Investments.”

INVITED PANELIST AND FEATURED SPEAKER

“International Alignment of National Competition Policy Initiatives.”

Organized by Competition Policy International, December 16, 2021. Moderator: David Evans (Chairman, Global Economics Group). Panelists: Debbi Elms (Executive Director, Asian Trade Centre); Vivek Ghosal (Head of the Department of Economics, and the Virginia and Lloyd W. Rittenhouse Professor of Humanities and Social Sciences, Rensselaer Polytechnic Institute); Arun Sundararajan (Harold Price Professor of Entrepreneurship and Professor of Technology, Operations and Statistics, NYU Stern School of Business); Christopher Yoo (John H. Chestnut Professor of Law, Communication, and Computer and Information Science, University of Pennsylvania).

“Reforming India’s Competition Act: Considerations & Best Practices.”

Organized by Competition Policy International, December 16, 2021. Moderator: Geeta Gouri (Former Commissioner, Competition Commission of India). Panelists: Vivek Ghosal (Head of the Department of Economics, and the Virginia and Lloyd W. Rittenhouse Professor of Humanities and Social Sciences, Rensselaer Polytechnic Institute); Dhanendra Kumar (Former Chairman, Competition Commission of India); Pradeep Mehta (Secretariat General, CUTS International); Rahul Singh (Partner, Competition Law, Khaitan & Co.); and T.S. Somashekar (Professor of Economics, National Law School of India University).

“U.S. Regulatory Reform Initiatives, Policy and Enforcement.”

Panelist in workshop on EU Competition Law and Policy: Competition Assessments and Abuse of Dominance organized by European University Institute (Florence, 2018).

“Historical Dynamics of U.S. Cartel Enforcement.”

Research Institute of Economy, Trade, and Industry (RIETI, Tokyo, 2018).

“Promoting Innovation to Foster Economic Development and Growth.”

Workshop on the Relevance of Competition & Regulatory Reforms in Pursuing Sustainable Development Goals in Developing Countries organized by CUTS International (Nairobi, 2015).

“Regulatory Reform to Foster Competition, Innovation and Growth.”

EGADE Business School, Tecnológico de Monterrey (Mexico City, 2014).

“Microdynamics of Location of Automobile Assembly Plants and Economic Development.”

Conference on Production, Logistics and Traffic: Dynamic Integration, Future Trends and Future Solutions Optimization (Darmstadt, 2013).

“Healthcare Policy and Economics.”

Research Roundtable, Ivan Allen College Founder’s Day Symposium, Georgia Institute of Technology (Atlanta, 2012).

“Regulatory Coherence and Effectiveness: Institutional Structure and the Interplay between Regional and National Competition and Regulatory Authorities.”

Conference on “Reviewing the Global Experience with Economic Regulation: A Forward Looking Perspective,” organized by CUTS International (New Delhi, 2011).

“Competition, Innovation and Market Share Dynamics in the Automobile Industry: Lessons Learnt from the U.S. Markets and Potential Implications for Europe?”

International Automobile Association Congress (Frankfurt, 2009).

- “Competition Assessment of Cable TV and Gasoline Markets in Taiwan.”
Taiwan Fair Trade Commission (Taipei, 2008).
- “Moving Forward with Competition Law Enforcement.”
Directorate General of Economic and Financial Affairs, European Commission (Brussels, 2008).
- “How to Measure the Welfare Effects of Competition and Consumer Protection Actions.”
FTC at 100 workshop organized by the U.S. Federal Trade Commission (Washington D.C., 2008).
- “Making Regulation and Competition Compatible: What is the Recipe?”
Bruegel (Brussels, 2008).
- “Best Practices in Promoting Investment for Development: Pursuing a Common Agenda.”
Global Forum for International Investment VII, Organization for Economic Cooperation and Development (Paris, 2008).
- “Competition Assessments and Regulatory Reform.”
Directorate General for Enterprise and Industry, European Commission (Brussels, 2007).

SELECTED INVITED AND CONFERENCE PRESENTATIONS

- “Internationalization of Innovation: Patents and Firm Performance in the Pharmaceutical Industry.”
Asia Pacific Industrial Organization Conference (Tokyo, 2019); University of Florida (Gainesville, 2019); Research Institute of Economy, Trade, and Industry (RIETI, Tokyo, 2018); Centre for European Economic Research (Mannheim, 2018); DRUID innovation conference (Copenhagen, 2018); German Institute for Economic Research (DIW, Berlin, 2018).
- “Adoption of Information Technology in Healthcare Services.”
Research Institute of Economy, Trade, and Industry (RIETI, Tokyo, 2019).
- “The Rise and (Potential) Fall of U.S. Cartel Enforcement.”
International Conference on Antitrust Law and Economics, Shandong University (China, 2019); University of Florida (2019); Center for Competition Policy (University of East Anglia, 2019); Workshop on Applied Microeconomics, Center for Economic Studies, Ludwig Maximilian University (Munich, 2019); International Industrial Organization Conference (Boston, 2019).
- “Historical Dynamics of U.S. Cartel Enforcement.”
Fiscalía Nacional Económica (Santiago, 2017).
- “Firm-level Human Capital and Innovation: Evidence from China.”
Workshop on Applied Microeconomics, Center for Economic Studies, Ludwig Maximilian University (Munich, 2017); Industry Studies Association conference (Washington DC, 2017); Asian Econometric Society conference (Hong Kong, 2017).
- “Determinants of Medical Devices Recalls.”
Workshop on “The Economics of Innovation,” organized by The Robert F. Lanzillotti Public Policy Research Center and University of Florida Competition Policy Initiative (Gainesville, 2016).
- “Knowledge Gaps and Patent Rivalry.”
Center for European Economic Research (ZEW, Mannheim, 2015).

“Competition and Innovation in Automobile Markets.”

Goethe University of Frankfurt (Frankfurt, 2015); Conference on “Overcoming the Crisis: How to Foster Innovation and Entrepreneurship in a Diverging European Economy?” (Mannheim, 2015); Düsseldorf Institute for Competition Economics (Düsseldorf, 2015); University of Tokyo (2015); Center for European Economic Research (ZEW, Mannheim, 2015); Workshop on Applied Microeconomics (Munich, 2015); Shanghai Jiao Tong University (Shanghai, 2014).

“Policy Innovations, Political Preferences, and Cartel Enforcement.”

Center for European Economic Research (ZEW, Mannheim, 2015); Social Sciences Korea International Conference on Competition Law Enforcement (Seoul, 2015); Research Institute for Industrial economics (Stockholm, 2014); Workshop on “The Influence of Robert H. Bork on Antitrust Law: A Retrospective,” organized by the Yale Law School, and sponsored by The Federalist Society and Kauffman Program in Law, Economics and Entrepreneurship, Yale Law School (2013).

“Business Decision-Making under Uncertainty: Evidence from Employment and Number of Businesses.”

Ratio Institute (Stockholm, 2014); Mizuho Research Institute (Tokyo, 2013); Development Bank of Japan (Tokyo, 2013); Workshop on Applied Microeconomics, Center for Economic Studies, Ludwig Maximilian University (Munich, 2013).

“Decentralized Environmental Regulation and Manufacturing Productivity.”

Conference on the “Economics of Low-Carbon Markets,” organized by the University of São Paulo (Ribeirão Preto, 2014).

“Adoption of Health Information Technology.”

Shanghai Jiao Tong University (Shanghai, 2014); Workshop on the “Economics of Innovation and Patenting,” Center for European Economic Research (Mannheim, 2013); Workshop on “ICT, R&D and Intangibles, and ICT Diffusion to the Economy,” sponsored by the European Commission and OECD and hosted by Imperial College (London, 2012); Workshop on “Management and Economics of ICT,” organized by Institute for Strategy, Technology and Organization, Munich School of Management (Munich, 2012); Industry Studies Association Annual Conference (Pittsburgh, 2012).

“Advanced Manufacturing Plant Location and its effects on Economic Development and Transportation.”

University Transportation Centers Conference (Orlando, 2013); Institute for Supply Chain Management, European Business School (Wiesbaden, 2012).

“Quality Competition, Innovation and Market Share Dynamics in the Automobile Industry.”

Recanati School of Business, Tel Aviv University (Tel Aviv, 2012); Industry Studies Association Annual Conference (Pittsburgh, 2012); WHU Otto Beisheim Graduate School of Management (Vallendar, 2010); Korea Development Institute of Public Policy and Management (Seoul, 2010); Institute for the World Economy, University of Kiel (Kiel, 2010); Center for Economic Studies, Ludwig Maximilian University (Munich, 2010); European Business School (Wiesbaden, 2009).

“Assessing Transportation Equipment Manufacturing Prospects for High Speed Rail Investments.”

Research and Innovative Technologies Administration, U.S. Department of Transportation (Washington DC), 2011.

“The Law and Economics of Enhancing Cartel Enforcement.”

Buchmann School of Law, Tel Aviv University (Tel Aviv, 2012); Israel Antitrust Authority (Jerusalem, 2012); Global Competition Law Conference on “Implementing Competition Law and Policy, Global Perspectives” (New Delhi, 2010); Workshop on the “Quantitative Analysis in Competition Assessments,” Center for European Economic Research (Mannheim, 2010).

“Small is Beautiful but Size Matters: The Asymmetric Impact of Uncertainty and Sunk Costs on Entry and Investment of Small and Large Businesses.”

Korea Development Institute of Public Policy and Management (Seoul, 2012); Owen School of Management, Vanderbilt University (2008); Workshop on Applied Microeconomics (Munich, 2009); Workshop on Economics of Imperfect Competition (Rome, 2008); Workshop on “The Economics of Aggregate Shocks in Heterogeneous Firm Models” (Venice, 2007).

“Business Strategy and Firm Reorganization under Changing Environmental Standards.”

Department of Industrial Engineering and Management, Helsinki University of Technology (Helsinki, 2010); Graduate School of Decision Sciences and Technology, Tokyo Institute of Technology (Tokyo, 2009); Workshop on “Advancing the Study of Innovation and Globalization in Organizations” organized by the German Institute for Employment Research and European Cooperation in Science and Technology (Nürnberg, 2009); Workshop on “Organization and Performance: Understanding the Diversity of Firms” organized by Maison Franco Japonaise and RIETI (Tokyo, 2008); European School of Management and Technology (Berlin, 2008); European Assoc. for Research in Industrial Economics (Valencia, 2007); CESifo workshop on Productivity and Growth (Munich, 2007); Atlanta Competitive Advantage Conf. (Atlanta, 2007).

PROFESSIONAL ACTIVITIES

Conference Organization and Committee Appointments

Organizer

1. Venice Summer Institute workshop on “Reforming Rules and Regulations: Laws, Institutions and Implementation,” Venice International University, Venice (Italy) (2008).
2. International Industrial Organization Conference, Atlanta (2005).

Member

1. Executive Committee, European Association for Research in Industrial Economics, 2007 – 2012.
2. Scientific Committee, European Association for Research in Industrial Economics conference: Valencia (2007), Toulouse (2008), Ljubljana (2009) and Istanbul (2010).
3. Organizing Committee, Atlanta Competitive Advantage Conference, 2008 – 2010.
4. Program Committee, International Industrial Organization Conference: Atlanta (2005), Savannah (2007) and Boston (2009).
5. Lanzilloti Prize Committee for the best antitrust paper presented at the International Industrial Organization Conference, 2008 and 2009.
6. Health Information Exchange Subcommittee on Business and Technical Operations, Office of Health Information Technology & Transparency, Georgia Department of Health, 2009 – 2010.

Referee and Reviewer

Refereed Papers for Economics Journals

American Economic Review; Australian Economic Review; B.E. Journal of Economic Analysis and Policy; Contemporary Economic Policy; Economic Inquiry; Economic Journal; Economics Letters; European Economic Review; International Journal of Industrial Organization; Journal of Industrial Economics; Journal of Money, Credit, and Banking; Journal of Political Economy; Journal of the European Economic Association; Oxford Economic Papers; RAND Journal of Economics; Review of Economics and Statistics; Review of Industrial Organization; Scandinavian Journal of Economics; and Southern Economic Journal.

Refereed Papers for Business and Management Journals

Business Strategy and the Environment; Journal of Business; Journal of Economics and Business; Business Strategy and Development; Journal of Economics and Management Strategy; Journal of Policy Analysis and Management; Journal of Strategy and Management; Managerial and Decision Economics; Research Policy; Review of Financial Economics; and Small Business Economics.

Refereed Papers for Law and Economics Journals

International Review of Law and Economics; Journal of Law and Economics; Journal of Law, Economics, and Organization; and Review of Law and Economics.

Reviewer

Washington Center for Equitable Growth; National Science Foundation; Cambridge University Press; MIT Press; Praeger Publishers; Routledge Publishers; Public Utilities Research Center (Florida); Kuwait Foundation for the Advancement of Sciences; and Social Sciences and Humanities Research Council (Canada).

ACADEMIC SERVICE

** At Rensselaer Polytechnic Institute (2016 – present)*

- Member: Rensselaer Retirement Committee (2019 – present).
- Member: Rensselaer Faculty Advisory Group for the Energy, Built Environment and Smart Systems center (2021 – present).
- Member: Rensselaer Committee for establishing the institute for Energy, Built Environment and Smart Systems (2018 – 2020).
- Chair: Faculty Search Committee (2017, 2018, 2019, and 2021).

** At Georgia Institute of Technology (2001-2016).*

- Director: Ph.D. Program in Economics (2012-2016).
- Director: MS Program in Economics (2011-2016).
- Chair: Department Promotion and Tenure Committees (multiple years).
- Chair: Department Recruiting Committees (multiple years).
- Member: College Promotion and Tenure Committee (multiple years).
- Member: Dean's Faculty Advisory Committee.
- Member: College Ph.D. Management Working Group.
- Member: Chair Search Committee for the School of International Affairs.
- Member: College Diversity Committee.
- Member: College Student Scholarship Committee.
- Member: College Academic Appeals Committee.
- Member: College Faculty Research Grants Committee.
- Member: Department Ph.D. and M.S. Programs and Admissions Committee.
- Member: Georgia Tech Responsible Conduct in Research Advisory Committee.
- Member: Georgia Tech Academic Senate.
- Coordinator: Information Technology Committee.