
Curriculum Vitae
MARIE CURRIE THURSBY

I. CURRENT POSITIONS:

- Regents' Professor Emeritus, Scheller College, Georgia Institute of Technology
- Research Associate, National Bureau of Economic Research
- Adjunct Professor, Owen Graduate School of Management, Vanderbilt University
- Visiting Scholar, Institute for Quantitative Social Science, Harvard University

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marie.thursby@scheller.gatech.edu; marie.thursby@owen.vanderbilt.edu

II. EDUCATION:

- Ph.D.** University of North Carolina at Chapel Hill, 1974
Fields: International Economics, Microeconomic Theory, Mathematical Economics
Thesis: Resource Reallocation Costs of Fixed and Flexible Exchange Rates
- A.B.** Mount Holyoke College, 1969
Cum Laude, Economics
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III. PRIOR ACADEMIC EMPLOYMENT:

Hal and John Smith Chair of Entrepreneurship
Professor of Strategy and Regents' Professor
Scheller College of Business, Georgia Institute of Technology
Founding Director, Technological Innovation: Generating Economic Results (TI:GER®)
2002-2016; 2012 – 2016

Burton D. Morgan Chair of International Policy & Management,
Krannert School of Management, Purdue University
1994 – 2001

Professor of Economics
Department of Economics, Purdue University
1989 – 2001
Director, Technology Transfer Initiative (Innovation Realization Lab, 2000-2001)
1993-2001
Director, Center for Business Education and Research
1992 – 2001

Visiting Associate Professor
Departments of Economics and Business Economics
University of Michigan
1986 - 1989

Associate Professor and Assistant Professor
The Ohio State University
1982 - 1988, 1978 - 1982

Assistant Professor
Syracuse University
1975 - 1978

Visiting Assistant Professor
North Carolina State University
1974 - 1975

IV. HONORARY POSITIONS

Visiting Fellow, Laboratory for Innovation Science at Harvard, Institute for Quantitative Social Science, Harvard University, October 1, 2017- Present.

Research Associate, National Bureau of Economic Research, 1987-Present.

Professor of Economics, Department of Economics, Emory University, August 2001-Present.

Visiting Scholar, Max Planck Institute for Intellectual Property and Competition Law, Munich Germany, October 2016 and July 2013.

Visiting Scholar, International Center for Business Economics and Innovation, Universitat Passau, Passau, Germany, March 2016, September 2016, and September 2017.

Visiting Scholar, Department of Managerial Economics, Strategy, and Innovation, KU Leuven University, Leuven, Belgium, April-May 2015.

Visiting Scholar, Institute for Research in Industrial Economics, Stockholm, Sweden, August 2010.

Visiting Scholar, Center for Advanced Management Studies, Ludwig-Maximilian University, May 2008 and June 2010.

Professor, Industrial and Systems Engineering, Georgia Institute of Technology, 2002-2009.

Professor, Department of Agricultural Economics, Purdue University 1989-2001.

V. EDITORSHIPS:

Associate Editor, *Management Science*, Entrepreneurship & Innovation Division, 2001-2017.

Editor, "Technological Innovation: Generating Economic Results (2nd Edition)," *Advances in the Study of Entrepreneurship, Innovation, and Economic Growth*, Vol. 26, Emerald 2016.

Editor, *Research Policy*, 2013-2014 (Associate Editor 2015-present).

Associate Editor, *Journal of Economic Behavior and Organization*, 2007-2012.

Associate Editor, *Journal of International Economics*, 1998-2004.

Editorial Review Board, *Review of International Economics*, 1997-2004.

Co-Editor, "Spanning Boundaries and Disciplines: University Technology Commercialization in the Idea Age," *Advances in the Study of Entrepreneurship, Innovation, and Economic Growth*, Vol. 21, Emerald 2010.

Co-Editor, "Technological Innovation: Generating Economic Results," *Advances in the Study of Entrepreneurship, Innovation, and Economic Growth*, Vol. 18, Emerald 2010.

Co-Editor, Special Issue of *Journal of Economic Behavior and Organization*, "Academic Science and Entrepreneurship: Dual Engines of Growth?" 2007.

Co-Editor, Special Issue of *Journal of Technology Transfer*, "Organizational Issues in University Technology Transfer," 2001.

VI. HONORS:

Fellow, American Association for the Advancement of Science (AAAS), Elected 2015.

Awarded Regents' Professorship, University System of Georgia, Georgia Institute of Technology, 2012.

Award for Exceptional Activity in Entrepreneurship Across Disciplines, Global Consortium of Entrepreneurship Centers, 2009.

Entrepreneurship Pedagogy Award, Academy of Management, 2006.

Model Specialty Entrepreneurship Program Award, United States Association for Small Business Enterprise, 2005

Price Institute Innovative Entrepreneurship Educators Award, Stanford University, 2003.

Honeywell Research Award, 1999.

Listed in: Who's Who in the World, Who's Who in Science and Engineering,
Who's Who in Finance and Industry, Who's Who in the Midwest,
Who's Who in American Women

VIII. AREAS OF TEACHING EXPERIENCE:

Multidisciplinary: Ph.D. (Science and Engineering)/Masters (Business)/ JD (Law)

- Innovation Realization: Technology Commercialization
- Technological Innovation and Entrepreneurship
- Fundamentals of Innovation

Ph.D. (Economics)

- Applied International Workshop
- International Economics
- General Equilibrium Theory
- Microeconomic Theory
- Economic Development

Executive Masters

- Global Technology Transfer
- Business in the International Environment

Masters

- Business in the International Environment
- Global Issues in Technology Management

Undergraduate

- International Economics
- Microeconomics
- Principles of Economics

IX. GRANTS:

- 1) Alfred P. Sloan Foundation, “The Scientific Production Function: Building a Knowledge Community,” Co-Principal Investigator with Karim Lakhani and Jerry Thursby, November 1, 2017-December 2018, \$80,000.
- 2) National Science Foundation, “EAGER: IPRoduct: A Database of Linked Products-intellectual Property Rights.” Co-Principal Investigator, Gaetan de Rassenfosse, Principal Investigator. Sept 2016-2018.
- 3) Kauffman Foundation, Principal Investigator, “Advancing the Study of Entrepreneurship, Innovation, and Economic Growth,” 2015-2016, \$24,495.00.
- 4) National Institutes of Health, The Atlanta BEST Program, “Beyond the Professoriate: Transforming Pathways for Biomedical Research Careers,” Steering Committee and Scientific Leader Track 1 (Nael McCarty Principal Investigator), NIH-1-DP7OD-018424-01, \$1,800,000.
- 5) Kauffman Foundation, Principal Investigator, Roundtable on Engineering Entrepreneurship Research, 2013-2015, \$45,000.
- 6) Sloan Foundation, Principal Investigator for subaward under “Economics of Knowledge Contribution and Communication for Workshop in Conjunction with REER, 2014-2015, \$30,000.
- 7) Georgia Tech Fund for Innovation in Research and Education (FIRE), Principal Investigator, Transformative Education Award for Technological Innovation: Generating Economic Results, \$38,000, 2011-2013.
- 8) National Science Foundation, Principal Investigator, “Specific, General and Target sharing of Information among Academic Researchers,” \$292,000, 2010-2012.
- 9) National Institutes of Health, “Commercialization of University/biotech Research: Uncertainty, Contracts, and Feasibility,” (with Matt Higgins and Jerry Thursby), \$95,000, 2011.
- 10) National Institutes of Health, “The Nexus of NIH Funding for University Science and Biotech Pharma Applications,” (with Matt Higgins and Jerry Thursby), 60,000, 2009-2010.
- 11) Kauffman Foundation, Principal Investigator, Roundtable on Engineering Entrepreneurship Research, 2010-2012, \$30,000.

- 12) Kauffman Foundation and Georgia Research Alliance, Co-Principal Investigator (with Paula Stephan and Jerry Thursby), Greater Atlanta Area Small Grants Program in Entrepreneurship, \$1,000,000, 2006-2008.
- 13) Kauffman Foundation, Principal Investigator, Roundtable on Engineering Entrepreneurship Research, 2007-2009, \$30,000.
- 14) Kauffman Foundation, Principal Investigator, Workshop on Graduate Education in Technology Entrepreneurship and Commercialization: an Integrative Approach, 2006-2010 \$655,720.
- 15) National Science Foundation, Research Coordinator for Georgia Tech campus (Principal Investigator Richard Freeman, Harvard), "Nanotechnology in Society," \$1.5 million, 2005-2010.
- 16) Kauffman Foundation, Principal Investigator, "Technology Commercialization, (with Frank Rothaermel and Marcia Rorke), \$109,000, 2005-2006.
- 17) Kauffman Foundation, Principal Investigator, "Factors in Corporate R&D Location: Where and Why," (with Jerry Thursby), \$312,624, 2004-2006.
- 18) Government University Industry Research Roundtable, "Factors in Corporate R&D Location: Where and Why," (with Jerry Thursby), \$30,000, 2005.
- 19) National Science Foundation, Social and Ethical Coordinator, Georgia Tech campus, National Nanotechnology Infrastructure Network, (James Meindl, Georgia Tech Principal Investigator), 2004-2014.
- 20) National Science Foundation, Principal Investigator, "Technological Innovation: Generating Economic Results," Integrative Graduate Education and Research Training, 2002-2009, \$3,486,314.
- 21) Lemelson Foundation, National Collegiate Inventors and Innovators Alliance, "Technological Innovation: Generating Economic Results" Program Development, \$30,000, 2002-2004.
- 22) National Collegiate Inventors and Innovators Alliance, Roundtable on Engineering Research, Co-Sponsorship, \$14,000, 2002-2003.
- 23) Kauffman Foundation, "Faculty Participation in Licensing," (with Jerry Thursby), \$113,000, 2004-2005.
- 24) National Science Foundation, Principal Investigator, "Has Patent Licensing Changed Academic Research? Issues of Productivity, Faculty Incentives, and Public Policy," Award Number SES-0094573, (with Jerry Thursby), \$104,837, 2000-2002.
- 25) National Science Foundation, Principal Investigator, "Innovation Realization Laboratory: Integrating Science and Engineering with Economics and Management," Integrative Graduate Education and Research Training, 2000-2005, \$2,487,971.
- 26) Alan and Mildred Peterson Charitable Foundation, Principal Investigator, Georgia Tech, 2001-2007, \$492,535 and Purdue University, Technology Transfer Initiative, 1993-2000, \$1,016,000.

- 27) Alfred P. Sloan Foundation and National Bureau for Economic Research, Principal Investigator, "Commercial Activity In The Ivory Tower: Propensity and Productivity," 1999, \$10,000.
- 28) Alfred P. Sloan Foundation and National Bureau of Economic Research, Principal Investigator, "Proofs and Prototypes for Sale: Licensing of University Inventions," 1998, \$10,000.
- 29) U.S. Department of Education, Principal Investigator, Center for International Business Education and Research grant, October 1, 1992- September 30, 2002, \$2,800,000.
- 30) Center for the Management of Manufacturing Enterprises, "High Technology Patent Races and International Competition for HDTV," Summer Research Award 1991.
- 31) U.S. Department of Agriculture Economic Research Service, "Wheat Market Structure and Effects of GATT Trade Liberalization" (with J. Thursby), October 1988 - September 1999, \$14,000.
- 32) National Science Foundation, "Strategic Commercial Policy," Grant #RII-8600404, Visiting Professorship for Women, July 1986 – 1988, \$150,000.
- 33) Ford Foundation and National Bureau of Economic Research, Research Support, Fall 1987 and Spring 1989.
- 34) National Science Foundation, "Decision Theoretic Approach to Innovation and Technology Transfer," (with Richard Jensen) Grant #IST-8510068, Co-Principal Investigator, July 1985 - December 1986, \$59,337.
- 35) General Electric Corporation, "The Effects of Flexible Exchange Rates on International Trade" (with T.D. Willett), Summer 1980.
- 36) North Carolina Agricultural Experiment Station, "Model for Analyzing World Trade Flows in Grains," Research Associate, 1974 - 1976.

IX. PEER-REVIEWED PUBLICATIONS

(unless otherwise noted authors are in alphabetical order): (H index: 47;
Google Scholar Citations 10079)

- 1) "Prepublication Disclosure of Scientific Results: Norms, Competition, and Commercial Orientation," (with Jerry Thursby, Carolin Haeussler, Marie Thursby, and Lin Jiang), *Science Advances* 4, eaar2133 (2018). See related press (XII).
- 2) "Bench-to-bench Bottlenecks in Translation," (with Matt Higgins and Jerry Thursby) *Science Translational Medicine* 6, 250fs32, August 20, 2014.
- 3) General and Specific Information Sharing Among Academic Scientists," (with Carolin Haeussler, Lin Jiang and Jerry Thursby), *Research Policy*, 43(3), April 2014, 465-475.
- 4) "Patents as Signals for Startup Financing," (with Annamaria Conti and Jerry Thursby), *Journal of Industrial Economics*, 61(3), September 2013, 592-622.

- 5) "Show Me the Right Stuff: High Tech Startup Signals," (Annamaria Conti, Marie Thursby, and Frank Rothaermel), *Journal of Economics and Management Strategy* 22, Summer 2013, 341-364.
- 6) "University Entrepreneurship and Professor Privilege," (with Erika Farnstrand Damsgaard), *Industrial and Corporate Change* 22, 2013, 183-218.
- 7) "Has the Bayh-Dole Act Compromised Basic Research," (with Jerry Thursby), *Research Policy*, 40(8), 2011, 1077-1083.
- 8) "University-Industry Linkages in Nanotechnology and Biotechnology: Evidence on Collaborative Patterns for New Methods of Inventing," (with Jerry Thursby), *Journal of Technology Transfer*, 2011.
- 9) "Inventor Moral Hazard in University Licensing: The Role of Contracts," (with Emmanuel Dechenaux and Jerry Thursby), *Research Policy* 40, 2011, 94-104.
- 10) "Faculty Participation in Licensing: Implications for Research." (with Jerry Thursby). *Research Policy* 40, 2011, 20-29.
- 11) "The Creation of Emerging Technologies by Incumbent Firms in Established Industries: Evidence from the Semiconductor Industry," (with Lin Jiang and Justin Tan), *Strategic Management Journal*, May 2010.
- 12) "An Integrated Approach to Educating Professionals for Careers in Innovation," (M. Thursby, A. Fuller, & J. Thursby), *Academy of Management Learning and Education*, 8(3), 2009, 389-405.
- 13) "Shirking, Sharing Risk, and Shelving," (Emmanuel Dechenaux, Marie Thursby, and Jerry Thursby), *International Journal of Industrial Organization*, 27, 2009, 80-91.
- 14) "US Faculty Patenting: Inside and Outside the University," (Jerry Thursby, Anne Fuller, and Marie Thursby), *Research Policy*, 38, 2009, 14-25.
- 15) "Appropriability and Commercialization: Evidence from MIT Inventions," (with Emmanuel Dechenaux, Brent Goldfarb, and Scott Shane), *Management Science* 54, 2008, 893-906.
- 16) "To Disclose or Not? An Analysis of Software User Behavior," with Dmitri Nizovtsev, *Information Economics and Policy*, 19, March 2007, 43.
- 17) "University Licensing," (with Jerry Thursby) *Oxford Review of Economic Policy*, Vol. 23:4, 2007, 620-639.
- 18) "Are There Real Effects of Academic Entrepreneurship: A Life Cycle View," (Marie Thursby, Jerry Thursby and Swasti Gupta-Mukherjee, *Journal of Economic Behavior and Organization*, Vol. 63, August 2007, 577-598.
- 19) "The Nanotech vs. Biotech Revolutions: Sources of Productivity in Incumbent Research," (with Frank Rothaermel) *Research Policy*, Vol. 36, July 2007, 832-849.
- 20) "Where is the New Science in Corporate R&D?" (with Jerry Thursby), *Science* Vol. 314, 8 December 2006.

- 21) *Here or There? A Survey on the Factors in Multinational R&D Location.* (with Jerry Thursby), Report to the Government-University-Industry Research Roundtable. Washington, DC: National Academies Press, September 2006.
- 22) "University-Incubator Firm Knowledge Flows: Assessing Their Impact on Incubator Firm Performance," (with Frank Rothaermel), *Research Policy*, Vol 34, March 2005, 305-320.
- 23) "Incubator Firm Failure or Graduations: The Role of University Linkages," (with Frank Rothaermel), *Research Policy*, Vol. 34, 2005.
- 24) "Gender Patterns of Research and Licensing Activity of Science and Engineering Faculty," (with Jerry Thursby), *Journal of Technology Transfer* 30:4, October 2005, 343-353.
- 25) "Are Faculty Critical? Their Role in University-Industry Licensing," (with Jerry Thursby), *Contemporary Economic Policy*, Vol. 22, April 2004, 162-178.
- 26) "The Disclosure and Licensing of University Inventions: 'The Best We Can Do with the S**t We Get to Work With'," (with Richard Jensen and Jerry Thursby), *International Journal of Industrial Organization*, 21, November 2003, 1271-1300.
- 27) "University Licensing and the Bayh-Dole Act," (with Jerry Thursby), *Science*, Vol. 301, 22 August 2003, 1052.
- 28) "Who is Selling the Ivory Tower: The Sources of Growth in University Licensing," *Management Science*, (with Jerry Thursby), January 2002,
- 29) "Proofs and Prototypes for Sale: The Licensing of University Inventions," *American Economic Review*, (March 2001 with R. Jensen), 240-259. Reprinted in *Entrepreneurship and Innovation*, edited by David Audretsch, Oliver Falck and Stephan Heblich, Edward Elgar Publishing, August 2009.
- 30) "Can Subsidies for MARs be Procompetitive," *Canadian Journal of Economics*, (February 2001 with Kala Krishna and Suddhasatwa Roy), 212-224.
- 31) "Industry Perspectives on Licensing University Technologies: Sources and Problems," *Association of University Industry Managers Journal*, (2000 with Jerry Thursby), 9-22. Reprinted in *Industry and Higher Education* (August 2001).
- 32) "Interstate Cigarette Bootlegging: Extent, Revenue Losses, and Effects of Government Intervention," *National Tax Journal*, (2000 with Jerry Thursby), 59-77.
- 33) "Implementing Market Access," *Review of International Economics*, (November 1998 with Kala Krishna and Suddhasatwa Roy), 529-544.
- 34) "Procompetitive Market Access," *Business and Economics for the 21st Century*, Volume I (1997 with Kala Krishna and Suddhasatwa Roy), 333-342.
- 35) "GATT: Dispute Settlement and Cooperation: A Reply," *Economics and Politics*, (1997 with Dan Kovenock), 95-98.
- 36) "Patent Races, Product Standards, and International Competition," *International Economic Review*, (with Richard Jensen) February 1996, 21-50.

- 37) "GATT, Dispute Settlement and Cooperation," *Economics and Politics*, (1992 with D. Kovenock), 151-170. Reprinted in *Analytical and Negotiating Issues in the Global Trading System*, (1994), Robert Stern, editor, University of Michigan Press.
- 38) "Optimal Policies and Marketing Board Objectives," *Journal of Development Economics*, (1992 with K. Krishna), 1-15.
- 39) "Smuggling, Camouflaging, and Market Structure," *Quarterly Journal of Economics*, 1991, (M. with R. Jensen and J. Thursby), 789-814.
- 40) "Optimal Policies with Strategic Distortions," *Journal of International Economics*, (1991 with K. Krishna), 291-308.
- 41) "Tariffs with Private Information and Reputation," *Journal of International Economics*, (1990 with R. Jensen), 43-67.
- 42) "A Decision Theoretic Approach to Innovation, Technology Transfer, and Trade," *The Review of Economic Studies*, (October 1987 with R. Jensen), 631-647.
- 43) "Bilateral Trade Flows, the Linder Hypothesis, and Exchange Risk," *The Review of Economics and Statistics*, (August 1987 with J. Thursby), 488-495.
- 44) "A Strategic Approach to the Product Life Cycle," *Journal of International Economics*, (November 1986 with R. Jensen), 269-284.
- 45) "The Law of One Price and Modeling of Disaggregated Trade Flows," *Economic Modeling*, (October 1986 with P.R. Johnson and T.J. Grennes).
- 46) "How Reliable Are Simple, Single Equation Specifications of Import Demand?," *The Review of Economics and Statistics*, 66 (February 1984 with J. Thursby).
- 47) "A Conjectural Variation Approach to Strategic Tariff Equilibria," *Journal of International Economics*, 14 (February 1983 with R. Jensen), 145-161.
- 48) "Interrelations Between Trade Policies and Exchange Rate Policy," *Contemporary Policy Issues*, (October 1983 with Flacco, Laney, and Willett).
- 49) "Resource Reallocation Costs of Fixed and Flexible Exchange Rates: A Multi-Country Extension," *Journal of International Economics*, 11 (November 1981, 487-494).
- 50) "Exchange Rates and Agricultural Trade Models," *American Journal of Agricultural Economics*, 62 (May 1980 with P.R. Johnson and T.J. Grennes), 249-252.
- 51) "Reallocation Costs of Fixed and Flexible Exchange Rates: A Counter-example," *Journal of International Economics*, 10 (February 1980), 79-90.
- 52) "Trade Models with Differentiated Products," *American Journal of Agricultural Economics*, (February 1979 with T.J. Grennes and P.R. Johnson), 120-127.
- 53) "Insulating Trade Policies, Inventories, and Wheat Price Stability," *American Journal of Agricultural Economics*, 60 (February 1978 with T.J. Grennes and P.R. Johnson), 132-134.
- 54) "Devaluation, Foreign Trade Controls, and Domestic Wheat Prices," *American Journal of Agricultural Economics*, 59 (November 1977 with T.J. Grennes and P.R. Johnson), 619-627.

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- 55) "Extended Hicks Neutral Technical Change," *Economic Journal*, 86 (December 1976 with Charles Blackorby and C.A. Knox Lovell), 845-852.
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X. INVITED PAPERS AND BOOKS:

- 1) "Technological Innovation: Generating Economic Results 2nd edition," *Advances in the Study of Entrepreneurship, Innovation, and Economic Growth* Volume 26 Marie Thursby, Editor, Sherry Hoskinson series editor, Emerald Press, 2016.
- 2) "Identifying and Evaluating Market Opportunities," (Marie Thursby and Margi Berbari) Chapter 2 in "Technological Innovation: Generating Economic Results 2nd edition," *Advances in the Study of Entrepreneurship, Innovation, and Economic Growth* Volume 26 edited by Marie Thursby, Emerald Press, 2016.
- 3) "Commercialization Strategies: Cooperation vs Competition," (Briana Stenard, Marie Thursby, and Anne Fuller) in "Technological Innovation: Generating Economic Results 2nd edition," *Advances in the Study of Entrepreneurship, Innovation, and Economic Growth* Volume 26 edited by Marie Thursby, Emerald Press, 2016.
- 4) "Licensing Inventions from Entrepreneurial Universities: the Context of Bayh Dole," (with Anne Rector) in "Technological Innovation: Generating Economic Results 2nd edition," *Advances in the Study of Entrepreneurship, Innovation, and Economic Growth* Volume 26 edited by Marie Thursby, Emerald Press, forthcoming, 2016.
- 5) "The Importance of Engineering: Education, Employment, and Innovation," *The Bridge*, National Academy of Engineering, Fall 2014.
- 6) "University Licensing: Harnessing or Tarnishing Research?" (with Jerry Thursby) in *Innovation Policy and the Economy*, Vol 10, Edited by Josh Lerner and Scott Stern, 2010, 159-189.
- 7) "Do Academic Scientists Share Information with their Colleagues?" (Marie Thursby, Jerry Thursby, Carolin Haeussler, and Lin Jiang), VOX News, November 12, 2009.
- 8) Knowledge Creation and Diffusion of Public Science with Intellectual Property Rights," (with Jerry Thursby) *Intellectual Property Rights and Technical Change, Frontiers in Economics*, Vol. 2, edited by Keith Maskus, Elsevier 2008.
- 9) "Technology Commercialization: Cooperative versus Competitive Strategies," (with Anne Fuller) in *Technological Innovation: Generating Economic Results* edited by Gary Libecap and Marie Thursby, *Advances in the Study of Entrepreneurship, Innovation, and Economic Growth*, Vol. 18, Elsevier 2008.
- 10) "The Anatomy of Contracts in Licensing: The Context of Bayh-Dole," (with Anne Rector) in *Technological Innovation: Generating Economic Results* edited by Gary Libecap and Marie Thursby, *Advances in the Study of Entrepreneurship, Innovation, and Economic Growth*, Vol. 18, Elsevier 2008.

- 11) "Patterns of Research and Licensing Activity of Science and Engineering Faculty," (with Jerry Thursby), *Science and the University*, edited by Ronald Ehrenberg and Paula Stephan, 2007.
- 12) "Why Firms Conduct R&D Where They Do," *Research Technology Management* 49:3, May-June 2006.
- 13) "Implications of a Multidisciplinary Educational and Research Environment: Perspectives of the Future Business, Law, Science, and Engineering Professionals in the TI:GER Program," (with Benay Sager and Marco Fernandez), *Technology Analysis and Strategic Management* 18(1), February 2006, 57-69.
- 14) "Introducing Technology Entrepreneurship to Graduate Education: An Integrative Approach," in *University Entrepreneurship and Technology Transfer: Process, Design, and Intellectual Property*. Volume 16 in *Advances in the Study of Entrepreneurship, Innovation, and Economic Growth*, 2005.
- 15) "Pros and Cons of Faculty Participation in University Licensing," (with Jerry Thursby) "Introducing Technology Entrepreneurship to Graduate Education: An Integrative Approach," in *University Entrepreneurship and Technology Transfer: Process, Design, and Intellectual Property*. Volume 16 in *Advances in the Study of Entrepreneurship, Innovation, and Economic Growth*, 2005.
- 16) Buyer and Seller Views of University/Industry Licensing," (with Jerry Thursby), *Buying In or Selling Out: The Commercialization of the American Research University*, edited by Donald Stein, 2004.
- 17) "Industry/University Licensing: Characteristics, Concerns and Issues from the Perspective of the Buyer," (with Jerry Thursby), *Journal of Technology Transfer*, 28:3/4, August 2003, 207-213.
- 18) "University Licensing Under Bayh-Dole: What Are the Issues and Evidence?" (with Jerry Thursby). White paper prepared for the President's Council of Advisors on Science and Technology, February 2002.
- 19) "Industry Perspectives on Licensing of University Technologies: Sources and Problems," *Industry and Higher Education*, (with Jerry Thursby), August 2001, 289-294.
- 20) "Objectives, Characteristics, and Outcomes of University Licensing, A Survey of Major U.S. Universities," *The Journal of Technology Transfer*, 2001 (Jerry Thursby, R. Jensen and M. Thursby), 59-72.
- 21) "Flexibility: A Partial Ordering." *Trade, Theory and Econometrics: Essays in Honor of John Chipman*, Jim Moore, editor, Rutledge Publishing, 1999 (with K. Krishna).
- 22) Whither Flat Panel Displays," in *Effects of U.S. Trade Protection and Promotion Policies*, Robert Feenstra, editor, N.B.E.R and the University of Chicago Press, (1997 with Kala Krishna), 247-272.
- 23) "General Equilibrium Effects of Trade Liberalization in the Presence of Imperfect Competition," *Sustainable Agricultural Development: The Role of International Cooperation*, invited paper for the Proceedings of the XXI Conference of the International Association of Agricultural Economists, (1992 with T. Hertel and K. Lanclos), 181-191.

- 24) "Strategic Trade Theory and Agricultural Markets," in *New Developments in Trade Theory: Implications for Agricultural Trade*, (1990 with J. Thursby).
- 25) "Trade Policy with Imperfect Competition: A Selective Survey," in *New Developments in Trade Theory: Implications for Agricultural Trade*, (1990 with K. Krishna).
- 26) "Strategic Models, Market Structure, and State Trading," in *Trade Policy Issues and Empirical Analysis*, edited by Robert Baldwin (N.B.E.R. and University of Chicago Press), 1988, 79-105.
- 27) "Elasticities in International Trade: Theoretical and Methodological Issues," (with J. Thursby), in *Elasticities in International Agricultural Trade*, edited by C. Carter and W.H. Gardiner, (Westview Press), 1988.
- 28) "The Effects of Flexible Exchange Rates on International Trade and Investment," in *Exchange Rates, Trade, and the U.S. Economy*, edited by Arndt, Sweeney, and Willett (Ballinger 1985) (with S. Arndt and T.D. Willett), 127-137.
- 29) *Economics of World Grain Trade*, New York: Praeger, 1978 (with P.R. Johnson and T.J. Grennes).

XI. OTHER PUBLICATIONS:

- 1) "Factors in International Location and Type of Corporate R&D," (with Jerry Thursby), Written testimony to the House Subcommittee on Technology and Innovation, United States Congress. October 2007.
- 2) "Academic Science and Entrepreneurship: Dual Engines of Growth," (with Adam Jaffe, Joshua Lerner, and Scott Stern), *Journal of Economic Behavior and Organization*, Vol 63, August 2007, 573-576.
- 3) "HP Nanotech: Partnership with CNSI," Harvard Business Case N9-606-045, (with Lee Fleming and James Quinn), 2006.
- 4) "Infovision," Harvard Business Case, (with Lee Fleming and James Quinn), February 2005.
- 5) "What We Know About University Licensing," (with Jerry Thursby) *Kauffman Thoughtbook 2005*.
- 6) PhD. Research in an Entrepreneurial Environment: A New Model for Graduate Education in Science and Engineering", *Proceedings of the Conference on Teaching Entrepreneurship to Engineering Students*, Monterey, California, January 13 - 16, 2003, pp. 183 -193 (with W. Stevenson and R. Steuterman).
- 7) "Organizational Issues in University Technology Transfer: An Overview," *Journal of Technology Transfer* (2001 with Don Siegel, Jerry Thursby and Arvids Ziedonis), 5-11.
- 8) Comment on "Do Trading Blocs Enhance the Case for Strategic Trade Policy," in *Essays in Honor of Robert Stern*, University of Michigan Press, 1996.

- 9) Comment on “A Theory of Gradual Trade Liberalization,” by R.W. Staiger in Deardorff, A., Levinsohn, J., and Stern, R. (eds) *New Directions in Trade Theory*, The University of Michigan Press, 1995.
- 10) Comment on “Industrial Organizational and Trade Liberalization: Evidence from Korea,” by DeMelo and R. Holst, in *Empirical Studies of Commercial Policy*, Robert Baldwin, ed., University of Chicago Press, 1991.

XII. PRESS COVERAGE OF PREPUBLICATION DISCLOSURE:

Interview: <https://www.facebook.com/ScienceAdvances/videos/1555144061274912/>

Articles: <https://www.nature.com/articles/d41586-018-05196-9>
<https://www.wired.com/story/scientists-are-subverting-formal-publication-well-some-of-them/>
<https://www.insidehighered.com/quicktakes/2018/05/17/prepublication-disclosure-scientific-results>
<https://physicsworld.com/a/most-researchers-disclose-their-results-before-publication/>
<https://phys.org/news/2018-05-prepublication-disclosure-dont.html>
<https://www.chemistryworld.com/news/what-drives-scientists-to-publish-their-work-before-peer-review/3009051>.
<https://www.rh.gatech.edu/news/606133/letting-cat-out-bag-why-researchers-disclose-results-ahead-publication>

XIII. ONGOING RESEARCH & WORKING PAPERS:

1. “Building a Scientific Production Function Knowledge Community,” (with Karim Lakhani and Jerry Thursby).
2. “Research Productivity of Academic Scientists: Coauthors, Labs, Competition, and Commercial Orientation.” (with Jerry Thursby and Carolin Haeussler).
3. “Scientific Disclosure and the Faces of Competition,” (with Lin Jiang and Jerry Thursby).
4. “University-Industry Spillovers, Government Funding, and Industrial Consulting,” (with Richard Jensen and Jerry Thursby) NBER Working Paper 15732.
5. “Patent Licensing and the Research University,” (with Richard Jensen), NBER Working Paper 10758.

XIV. INVITED ORAL PRESENTATIONS (since 2001):

1. Research Productivity of Scientists: Teams, Competition, and Commercial Orientation. (with Jerry Thursby, University of Passau, Germany, September 2017.
2. “Prepublication Communication Among Academic Researchers,” (with Jerry Thursby and Carolin Haeussler), Munich Innovation Conference, September 2017.

3. "Conflicting Incentives for Academic Scientists: Keynote," Economics of Innovation 2017: from Basic Research to the Market, University de Geneve, Switzerland, September 2017.
4. "TI:GER," Entrepreneurship Education: Developing a Community of Practice," Duke University, May 2016.
5. "Prepublication Communication Among Academic Researchers," (with Jerry Thursby), GSE Workshop, Barcelona, Spain, June 2016.
6. "Prepublication Communication Among Academic Researchers," (with Jerry Thursby), Passau University, Passau, Germany, March 2016.
7. "Prepublication Communication Among Academic Researchers," (with Jerry Thursby), University of Maryland, Robert Smith Business School, February 2016.
8. "Information Sharing Among Academic Scientists," (with Jerry Thursby), Competition and Innovation Summer School, May 2015, Turunc, Turkey.
9. "Information Sharing Among Academic Scientists," KU Leuven, May 2015.
10. "Evidence-Based Design of Graduate Education Programs," Ewing Marion Kauffman Foundation, Kansas City, March 2015.
11. "Commercializing University Research: A Global Perspective," (with Jerry Thursby), Commercialization by Design Workshop, University of Arizona, March 2015.
12. "Cultivating Entrepreneurial Engineers," Entrepreneurship Forum, King Fahd University of Petroleum and Minerals, Saudi Arabia, November 3, 2014.
13. "Putting the Business School at the Heart of Technology Entrepreneurship," Entrepreneurship Forum, King Fahd University of Petroleum and Minerals, Saudi Arabia, November 3, 2014.
14. "TI:GER," Innovative Researchers, Commercial Skillsets: Training Entrepreneurs American Chemical Society Congressional Briefing, September 29, 2014.
15. "Importance of Engineering Talent for the Prosperity and Security of the Nation," National Academy of Engineering, Annual Meeting, Washington D.C, October 7, 2013.
16. "Patents as Signals for Startup Financing," (with Jerry Thursby), Max Planck Institute for Intellectual Property and Competition Law, July 10, 2013.
17. "Patents as Signals for Startup Financing," (with Annamaria Conti and Jerry Thursby), Barcelona GSE Workshop on Economics of Science and Innovation, Barcelona June 12, 2013.
18. "Scientific Disclosure and the Faces of Competition," (with Jerry Thursby), Barcelona GSE Workshop on Economics of Science and Innovation, Barcelona, June 12, 2013.
19. "Scientific Disclosure and the Faces of Competition," (with Lin Jiang and Jerry Thursby), Roundtable on Engineering Entrepreneurship, Georgia Institute of Technology, November 2012.

20. "Scientific Disclosure and the Faces of Competition," (with Lin Jiang and Jerry Thursby), NSF Science of Science Policy Conference, US National Academies, Washington DC, September 2012.
21. "Are Patents Endogenous or Exogenous to Startup Funding," (with Annmaria Conti and Jerry Thursby), US Patent and Trademark Office, Washington, DC May 2012.
22. "Are Patents Endogenous or Exogenous to Startup Funding," (with Jerry Thursby), Copenhagen Business School, June 2012.
23. "Graduate Education in Entrepreneurship for Scientists," Annual Meeting of the Graduate Research, Education, and Training (GREAT) Group of the American Association of Medical College, Savannah, Georgia, October 2011.
24. "Biotechnology Innovation: Looking inside the Black Box," (with Jerry Thursby), Ludwig Maximillan Universitat, Munich, Germany, July 2011.
25. "Commercialization of University Intellectual Property and Biotechnology," (with Jerry Thursby), Korean-US National Academies of Engineering Consortium on Managing Intellectual Property, Seoul, Korea, June 2011.
26. "The Professor's Privilege: A Comparison of Technology Transfer in the United States and Sweden," (with Erika Farnstrand Damsgaard), Voxholm Sweden, June 2011.
27. "Commercialization of University Intellectual Property," 2nd Sino-US Science and Technology Strategic Policies Meeting, Chinese Academy of Sciences and US National Academies of Engineering and Science, Beijing, China, May 2011.
28. "Show Me the Right Stuff: High Tech Startup Signals," (with Annamaria Conti), NBER Entrepreneurship Working Group, December 2010.
29. "Information Sharing Among Competing Researchers," (with Jerry Thursby) Southern Economic Association, November 2010.
30. "Has the Bayh-Dole Act Compromised Basic Research," 30 Years after Bayh-Dole Reassessing Academic Entrepreneurship, National Academies, (with Jerry Thursby), Washington, DC, October 2010.
31. "University-Industry Spillover, Government Funding, and Industrial Consulting," (with Jerry Thursby), HEC Workshop on Academic Entrepreneurship, Paris, France, September 2010.
32. "Inventor Moral Hazard in University Licensing: the Role of Contracts," (with Jerry Thursby), HEC Workshop on Academic Entrepreneurship, Paris, France, September 2010.
33. "Sharing Among Competing Researchers," (with Jerry Thursby), Institute for Research in Industrial Economics, Stockholm, Sweden, August 2010.
34. "The Nexus of NIH Funding for University Science and Biotech/Pharma Applications," (with Matt Higgins and Jerry Thursby). NIH Workshop on Why Invest in Biomedical Research?, National Institutes of Health, Bethesda MD, July 2010.
35. "Faculty Participation in Licensing: Implications for Research," (with Jerry Thursby), INNO-Tec Center for Innovation, Ludwig Maximillians University, Munich, Germany, June 2010.

36. "Is Patenting Stifling the Progress of Science and Overall Economic Growth?" Keynote Speaker, DRUID, London, England, June 2010.
37. "Sharing Among Competing Researcher," (with Jerry Thursby), DRUID, London, England, June 2010.
38. "Faculty Participation in Licensing: Implications for Research," (with Jerry Thursby), 3rd Communia Conference, Turin, Italy, April 2010.
39. "The Creation of Emerging Technologies by Incumbent Firms in Established Industries: Evidence from the Semiconductor Industry," (with Lin Jiang), Transatlantic Workshop on Nanotechnology, Georgia Tech, March 2010.
40. "General and Specific Information Sharing Among Academic Scientists," (with Jerry Thursby), Roundtable for Engineering Entrepreneurship Research, November 2009.
41. "General and Specific Information Sharing Among Academic Scientists," (with Jerry Thursby), National Bureau of Economic Research Summer Institute, July 2009.
42. "University Licensing: Tarnishing or Harnessing Faculty Research," (with Jerry Thursby), EPFL, Lausanne, Switzerland, July 2009.
43. "General and Specific Information Sharing Among Academic Scientists," (with Carolin Haeussler and Jerry Thursby), Communia Conference, Turin Italy, June 2009.
44. "University-Industry Spillovers: The Nexus of Funded University Research and Industrial Consulting," University of Illinois, Champaign Urbana, May 2009.
45. "University Licensing: Tarnishing or Harnessing Faculty Research," (with Jerry Thursby), NBER Conference on Innovation Policy and the Economy, Washington D.C, April 2009.
46. "University-Industry Spillovers: The Nexus of Funded University Research and Industrial Consulting," University of Arizona, February 2009.
47. "Here or There? A Survey of Factors in Multinational R&D Site Location," research with Jerry Thursby, The Research Seminar on the Global Lab, International Network on Innovation Research Workshop, Catholic University of Leuven, Belgium, November 2008.
48. "Is the US a Target for Multinational R&D: Biopharmaceutical Industry Phenomenon? The Location, Type, and Purpose of Biomedical Firm R&D in New Locations," research with Jerry Thursby, The Research Seminar on the Global Lab, International Network on Innovation Research Workshop, Catholic University of Leuven, Belgium, November 2008.
49. "R&D Globalization: The Implications for University-Industry Relationships," *Science Business* Policy Symposium on the Globalization of R&D: Impact and Policy, Brussels, Belgium, November 2008.
50. "Inventor Moral Hazard: The Role of Contracts," research with Emmanuel Dechenaux and Jerry Thursby, Technology Transfer Society Meeting, State University of New York at Albany, October 2008.

51. Keynote Address: "Technological Innovation: An Integrated Approach to Graduate Education," Technology Transfer Society Annual Meeting, State University of New York at Albany, October 2008.
52. "Inventor Moral Hazard: The Role of Contracts," research with Emmanuel Dechenaux and Jerry Thursby, Research Institute for Industrial Economics, Stockholm, Sweden, September 2008.
53. Keynote Address: "Economic and Societal Impacts of University-Industry Partnerships," University Industry Partnership and National Science Foundation, National Academies Beckman Center, July 2008.
54. "University/Industry Licensing: What are the Issues and Evidence," with Jerry Thursby, ODEON Center for Entrepreneurship, Ludwig Maximilian University, May 2008.
55. "Inventor Moral Hazard: The Role of Contracts," research with Emmanuel Dechenaux and Jerry Thursby, ODEON Center for Entrepreneurship, Ludwig Maximilian University, May 2008.
56. "In or Out: Faculty Research and Consulting," research with Anne Fuller, Richard Jensen, and Jerry Thursby, ODEON Center for Entrepreneurship, Ludwig Maximilian University, May 2008
57. "Is the US a Target for Multinational R&D: Biopharmaceutical Industry Phenomenon?" research with Jerry Thursby, ODEON Center for Entrepreneurship, Ludwig Maximilian University, May 2008.
58. "New Corporate R&D Facilities: Where? What Kind of Science." Research with Jerry Thursby, University-Industry Interactions: Promise of the Prairie Symposium, University of Illinois – Urbana, Chicago, IL, April 2008.
59. "University Licensing: The Implications for Academic research," research with Jerry Thursby, Center for Advanced Studies, Norwegian Academy of Science, Lysebu, Norway, March 2008.
60. "Inventor Moral Hazard: The Role of Contracts," research with Emmanuel Dechenaux and Jerry Thursby, Center for Advanced Studies, Norwegian Academy of Science, Lysebu, N "In or Out? Faculty Research and Consulting." Stanford Economics Department, December 2007.
61. "From Bench to Bedside: Pedagogical Opportunities for Technology Transfer." CIMIT Innovation Congress, Boston MA, November 2007.
62. "In or Out? Faculty Research and Consulting." With Richard Jensen and Jerry Thursby, Technology Transfer Society Meetings, Palm Desert, California, October 2007.
63. "In or Out? Faculty Research and Consulting," with Jerry Thursby. Conference on Firms in the Innovation Process: Research Institute in Industrial Economics, Waxholm, Sweden, September 2007.
64. "Public Sector Science and Intellectual Property: What do we know?" European Summer School on Industrial Dynamics, Dubrovnik, Croatia, September 2007.
65. "In or Out? US Faculty Patenting," with Jerry Thursby. European Summer School in Industrial Dynamics, September 2007.

66. "In or Out? Faculty Research and Consulting," with Rich Jensen and Jerry Thursby. NBER Summer Institute, July 2007.
67. "R&D Site Location: Healthcare vs Other," with Jerry Thursby. BioPharma PreConference, NBER, Boston, MA, July 07.
68. "The Nanotech vs. Biotech Revolutions: Sources of Productivity in Incumbent Research," Joint Wharton Heritage Chemical Foundation Conference on Social Studies in Nanotechnology, June 2007.
69. "University Licensing," (with Jerry Thursby), Oxford University, Oxford, United Kingdom, February 2007
70. "Academic Patenting: Issues in Consulting and Patent Assignment," (Jerry Thursby), University College London, February 2007.
71. "In or Out: University Research and Faculty Consulting," (with Richard Jensen and Jerry Thursby), Roundtable on Engineering Entrepreneurship Research, December 2006.
72. "In or Out: University Research and Faculty Consulting," (with Richard Jensen and Jerry Thursby), Ecole de Polytechnique Federale de Lausanne, Lausanne, Switzerland, September 2006.
73. "Here or There? A Survey of Factors in Multinational R&D Site Location," with Jerry Thursby. Advancing Measures of Innovation: Knowledge Flows, Business Metrics, and Measurement Strategies, NSF/SRS Workshop, Washington, DC, June 6-7, 2006.
74. "University-Industry Technology Transfer," with Jerry Thursby. Advancing Measures of Innovation: Knowledge Flows, Business Metrics, and Measurement Strategies, NSF/SRS Workshop, Washington, DC, June 6-7, 2006.
75. "US Patenting Activity: Inside and Outside the University," (with Anne Fuller), London Business School, May 2006.
76. "Multidisciplinary Graduate Education: TIGER," Council of Graduate Schools, March 2006.
77. "Shirking, Sharing-Risk, and Shelving: The Role of University Contracts," Research with Jerry Thursby and Emmanuel Dechenaux, University of California at Los Angeles, February 2006.
78. "Here or There? A Survey of Factors in Multinational R&D Site Location," with Jerry Thursby, Committee on Science, Economics, and Public Policy, National Academies, Irvine California, February 2006.
79. "Here or There? A Survey of Factors in Multinational R&D Site Location," with Jerry Thursby. Government University Industry Research Roundtable, National Academies, February, 2006.
80. "Here or There? A Survey of Factors in Multinational R&D Site Location," with Jerry Thursby. European Industrial Research Management Association, Nice, France, January 2006.

81. "Here or There? A Survey of Factors in Multinational R&D Site Location," with Jerry Thursby. Organization for Economic Cooperation and Development, Paris, France, January 2006.
82. "Gender Patterns of Research and Licensing Activity of Science and Engineering Faculty," (with Jerry Thursby), Technology Transfer Society, Kauffman Foundation, September 2005.
83. "Introducing Technology Entrepreneurship to Graduate Education: An Integrative Approach," Western Economic Association, President's Session, San Francisco, July 2005.
84. "Pros and Cons of Faculty Participation in University Licensing," (with Jerry Thursby) Western Economic Association, President's Session, San Francisco, July 2005.
85. "Introducing Technology Entrepreneurship to Graduate Education: An Integrative Approach," Kauffman and University of Arizona Meeting on the Implications of Technology Transfer Research on Entrepreneurship Education, Tuscan, February 2005.
86. "Pros and Cons of Faculty Participation in University Licensing," (with Jerry Thursby) Kauffman and University of Arizona Meeting on the Implications of Technology Transfer Research on Entrepreneurship Education, February 2005.
87. "Shirking, Sharing-Risk, and Shelving: The Role of University Contracts," (with Jerry Thursby and Emmanuel Dechenaux), DRUID, Copenhagen, June 2005.
88. "Shirking, Sharing-Risk, and Shelving: The Role of University License Contracts, NBER Entrepreneurship Workshop, October 2004.
89. "Shirking, Sharing-Risk, and Shelving: The Role of University Contracts," (with Jerry Thursby and Emmanuel Dechenaux), NBER Higher Education Meeting, April 2004.
90. "Shirking, Sharing-Risk, and Shelving: The Role of University Contracts," (with Jerry Thursby and Emmanuel Dechenaux), International Industrial Organization Conference, Northwestern, April 2004.
91. "Risk, Moral Hazard and Adverse Selection in University Licensing," (with Jerry Thursby) Maison des Sciences Economiques, Sorbonne, Paris, October 2003.
92. "University Licensing Under Bayh-Dole: Issues and Evidence," HBS-MIT Sloan Open Source Software Conference, June 20, 2003.
93. "Patterns of Research and Licensing Activity of Science and Engineering Faculty," (with Jerry Thursby), Cornell University, May 21, 2003.
94. "The Academic Effects of Patentable Research" (with Richard Jensen), NBER Higher Education Meeting, May 12, 2003.
95. "Framing the Bayh-Dole Debate: Major Policy Issues," AAAS Science & Technology Colloquium, April 11, 2003.
96. "Bayh-Dole & University Technology Transfer Policies," (with Jerry Thursby) AAAS Meeting on University Technology Transfer Policies, March 7, 2003.
97. "The Kept University: What are the Academic Effects of University Patent Basic Versus Applied Research: Incentives" (with Richard Jensen), EARIE Meetings, September 2002.

98. "Are Faculty Critical? Their Role in University Licensing," Roundtable for Engineering Entrepreneurship Research, NBER Higher Education Meeting, May 2002.
 99. "Who is Selling the Ivory Tower: The Sources of Growth in University Licensing," Roundtable for Engineering Entrepreneurship Research, MESIAS Workshop, University of Redding, United Kingdom, September 2001.
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XV. PROFESSIONAL SERVICE and SOCIETIES:

- Organizer, Roundtable on Engineering Entrepreneurship Research (REER), Georgia Institute of Technology, 2003-2016.
- Expert Panel Member, European Research Council, Brussels, Belgium, 2014 and 2016.
- Steering Committee for National Academies of Engineering Forum on *The Importance of Engineering Talent to the Prosperity and Security of the Nation*, 2013 Annual Meeting of the National Academy of Engineering.
- External Examiner, Anna Maria Conti, EPFL, Switzerland, 2008.
- External Examiner, Erika Farnstrand Damsgaard, IEFS, Sweden, 2008.
- Science and Engineering Human Resources Expert Panel member, National Science Foundation, Division of Science Resources Statistics, 2007
- National Academy of Engineering Committee on the Offshoring of Engineering, Member, 2006-7.
- Committee of Visitors Panel, National Science Foundation, Review of the National Nanotechnology Initiative, 2004.
- Panel Member, National Science Foundation, Societal Dimensions of Science and Technology, 2003.
- President, National Association of Centers International Business Education and Research (AIBER), 1998-99
- Referee for: *American Economic Review; American Journal of Agricultural Economics; Canadian Journal of Economics; Economic Inquiry; Economic Journal; European Economic Review; International Economic Review; Journal of Development Economics; Journal of Economics and Management Strategy, Journal of International Economics; Journal of Macroeconomics; Journal of Money, Credit and Banking; Journal of Political Economy; Management Science; Quarterly Journal of Economics; Review of Economic Studies; The Review of Economics and Statistics, Science, Strategic Management Journal.*
- Reviewer, National Science Foundation.
- First Vice President, Midwest Economics Association, 1997-1998.

- Member, Committee on the Status of Women in the Economics Profession, American Economic Association.
 - Panel Member, National Science Foundation Visiting Professorship for Women, 1988.
 - External Reviewer, Department of Economics, University of Colorado, 1997
 - External Reviewer, Department of Economics, University of Wisconsin, 1996
 - Executive Board of AIBER, 1995-2001.
 - External Reviewer, Indiana University CIBER, 1995
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XV. INSTITUTE SERVICE:

- TI:GER Advisory Board, August 2016 – present
- Taskforce on Corporate Innovation Centers, member 2015-2016.
- Regents' Professor Committee, Scheller College Representative, 2014.
- GRA Scholars Taskforce, Georgia Tech, member 2013-14.
- Georgia Tech-Emory Joint Law-Engineering Degree Task Force, Co-Chair, 2011-2012
- Innovation Task Force, member 2010
- Georgia Tech Athletic Association Board of Trustees, 2006-2012
 - Finance Committee 2006-2007
 - Chair, Committee on Equity and Compliance 2007-2012
- Roundtable on Engineering Entrepreneurship Research
 - Founder and Organizer 2002-2016
- Provost Taskforce on Interdisciplinarity 2007-2008
 - Chair of Subcommittee on Facilitating Interdisciplinary Research and Education
- Area Coordinator, Strategic Management, 2006-2009
- Provost Search Committee 2006
- Search Committee for the Dean of the College of Management, Vice Chair, 2005-2006
- Institute Honorary Degree Committee, 2005-2010
- Institute Regent's Professor Committee 2005-2006
- Costly Chair Search Committee 2003-2005
 - Chair 2004-2005
- Georgia Tech Promotion and Tenure Advance Committee 2002-2003

- Produced the Adept Tool Cases
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XVI. STUDENTS AT GEORGIA TECH AND EMORY UNIVERSITY:

- PhD Committees
 - Kelli Lanier (Economics, Emory)
 - Shanti Agung, Co-Chair, (Management, June 2011)
 - Lin Jiang, Chair, (Management, August 2010)
 - Anne Fuller, Chair (Management, June 2008)
 - Swasti Gupta-Mukherjee, Co-Chair (Management, August 2007)
 - Jewel Qu (Management, 2008)
 - Marco Fernandez (Mechanical Engineering, 2006)
 - Katherine Emery Leonard (Industrial and Systems Engineering, 2006)
 - Leslie Vincent (Management, 2005)
 - Matthew Higgins (Economics Emory, 2004)
- 2002-2016: Recruited and provided funding as Principal Investigator of competitively awarded NSF IGERT and Alan & Mildred Peterson Technology Transfer Initiative through 2007. Subsequent support from Provost Office, Hal and John Smith, Batts, and Crutchfield endowments. There have been 493 participants:
 - 108 PhD students in Colleges of Science and Engineering
 - 161 MBA students in Scheller College of Business
 - 7 PhD students in the Scheller College of Business
 - 3 PhD students the Department of Economics at Emory
 - 211 JD students in the Emory School of Law (unfunded)
 - 3 Post doctoral fellows
- 2005-2010—provided funding for Lin Jiang from the NSF National Nanotechnology Infrastructure Network award to Georgia Tech