



Research Professor
Strategy and Innovation Department
Questrom School of Business
Boston University

595 Commonwealth Avenue
Boston, MA 02215 USA

email: aaz1@bu.edu

Emeritus Professor
Management, Strategy, and Innovation Department
Faculty of Economics and Business
KU Leuven

Google Scholar page:

<http://www.scholar.google.com/citations?user=1qVr-zUAAAAJ&hl=en>
7424 Citations as of February 1, 2025

SSRN page:

<http://www.ssrn.com/author=288511>

Within top 5% of all-time citations as of March 1, 2024

ResearcherID: N-4007-2018

ORCID ID: 0000-0001-8340-6820

APPOINTMENTS Research Professor

Strategy and Innovation Department
Questrom School of Business, Boston University

Since July 2023

Emeritus Professor

Management, Strategy, and Innovation Department
Faculty of Economics and Business, KU Leuven

Since October 2023

Full Professor

Mgmt., Innovation, Strategy, and Operations
School of Business, University of Leicester

January to September 2023

Professor

Management, Strategy, and Innovation
Faculty of Economics and Business, KU Leuven

Fond National de la Recherche (FNR) July 2022 to September 2023
Research Co-Chair in the Science of Science and Innovation Policy

Visiting Assistant Professor

Strategy and Innovation Department
Questrom School of Business, Boston University

July 2015 to July 2019

Stanford Institute of Economic Policy Research August to December 2012
Stanford University

Assistant Professor

Lundquist College of Business, University of Oregon June 2010 to June 2013
Ross School of Business, University of Michigan July 2002 to May 2010

Visiting Scholar

Saïd Business School, University of Oxford October 2019 to December 2019
Harvard Business School, Harvard University July 2015 to July 2016
Management Science and Engineering Department August 2013 to July 2015
Stanford Institute of Economic Policy Research
Stanford University

Senior Fellow

Wharton School, University of Pennsylvania July 1999 to June 2002

EDUCATION

University of California, Berkeley

Ph.D., Business and Public Policy, Haas School of Business May 2001
Dissertation: The Commercialization of University Technology:
Implications for Firm Strategy and Public Policy

Advisors: David C. Mowery (chair), John Freeman, Bronwyn H. Hall,
Richard R. Nelson, and Brian Wright

*Awarded Prize for Best Dissertation in Technology Management, Institute
for Operations Research and the Management Sciences (INFORMS), 2003*

Master of Business Administration, Haas School of Business 1988
Elected to Beta Gamma Sigma honorary society

Master of Science, College of Engineering 1982

Purdue University

Bachelor of Science in Civil Engineering, College of Engineering 1981

JOURNAL PUBLICATIONS AND EDITED CHAPTERS

1. Savage, J., and **Ziedonis, A.A.** “Testing the Waters: Experiential Search in Technology-Based Entrepreneurial Ventures,” *Industrial and Corporate Change*, 33(1): 152–171, 2024.
2. Hsu, David, Hsu, Po-Hsuan, Zhou, Tong, and **Ziedonis, A.A.** “Benchmarking U.S. University Technology Commercialization Efforts: A New Approach,” *Research Policy*, 50(1), 2021.
3. **Ziedonis, A.A.** “Empirical Analyses Related to University Patenting,” in *Research Handbook on the Economics of Intellectual Property Law*, Vol. 2, B. Depoorter, P. Menell, and D. Schwartz, eds. (Edward Elgar Publishing, Ltd.: Northampton, MA) 2019.
4. Thompson, N.C., **Ziedonis, A.A.**, and Mowery, D.C. “University Licensing and the Flow of Scientific Knowledge,” *Research Policy* 47(6):1060–1069, 2018.

5. Mowery, D.C., and **Ziedonis, A.A.** “Markets vs. Spillovers in Outflows of University Research,” *Research Policy*, 44(1):50–66, 2015.
 - Among top 15% of most cited articles published in *Research Policy* in 2015 (Accessed 10/19/17).
 - Earlier version distributed as NBER Working Paper #8568, reprinted in Globalization and the Location of Firms, Cantwell, J., ed. (Edward Elgar Publishing, Ltd.: Northampton, MA) 2004.
6. Mowery, D.C., Thompson, N.C., and **Ziedonis, A.A.** “Material Transfer (MTAs), Licenses, and the Flow of Scientific Knowledge,” *Academy of Management Annual Meeting Best Paper Proceedings*, 2012.
7. **Ziedonis, A.A.** “Real Options in Technology Licensing,” *Management Science*, 53(10):1618–1633, 2007.
 - Among top third of most cited articles published in *Management Science* in 2007 (Accessed 10/19/17).
8. Leiblein, M.J., and **Ziedonis, A.A.** “Deferral and Growth Options under Sequential Innovation,” *Advances in Strategic Management*, 24: 225–245, 2007.
9. Mowery, D.C., and **Ziedonis, A.A.** “Academic Patents and Materials Transfer Agreements: Substitutes or Complements?” *Journal of Technology Transfer*, 32(3):157–172, 2007.
 - #9 most cited article published in *Journal of Technology Transfer* in 2007 (Accessed 10/19/17).
 - *Reprinted in The Economics of Innovation Policy*, A.N. Link, ed. (Edward Elgar Publishing, Ltd.: Northampton, MA) 2015.
10. Lowe, R.A., and **Ziedonis, A.A.** “Overoptimism and the Performance of Entrepreneurial Firms,” *Management Science*, 52(2):173–186, 2006.
 - Among top 25% of most cited articles published in *Management Science* in 2006 (Accessed 10/19/17).
11. Sampat, B.N., and **Ziedonis, A.A.** “Patent Citations and the Economic Value of Patents: A Preliminary Assessment,” Handbook of Quantitative Science and Technology Research, H. Moed, W. Glänzel, and U. Schmoch, eds., (Kluwer Academic Publishers: London) 2004.
12. Mowery, D.C., Sampat, B.N., and **Ziedonis, A.A.** “Changes in University Patent Quality after the Bayh–Dole Act: A Re–Examination,” *International Journal of Industrial Organization*, 21(9):1371–1390, 2003.
 - #5 most cited article published in the *International Journal of Industrial Organization* in 2003 (Accessed 10/19/17).
 - *Reprinted in Technological Entrepreneurship: Institutions and Agents Involved in University Technology Transfer*, D. Siegel, ed., (Edward Elgar Publishing), Ltd.: Northampton, MA) 2006.
 - *Reprinted in The Economics of Patents*, J. Cantwell, ed. (Edward Elgar Publishing, Ltd.: Northampton, MA) 2006.
13. Mowery, D.C., Sampat, B.N., and **Ziedonis, A.A.** “Learning to Patent: Institutional Experience, Learning, and the Characteristics of University Patents after Bayh–Dole, 1980–1994,” *Management Science*, 48(1):73–89, 2002.
 - Among top 30% of most cited articles published in *Management Science* in 2002 (Accessed 10/19/17).

14. Mowery, D.C., and **Ziedonis, A.A.** “Academic Patent Quality and Quantity Before and After the Bayh–Dole Act in the United States,” *Research Policy*, 31(3):399–418, 2002.
 - Among top 20% of most cited articles published in *Research Policy* in 2002 (Accessed 10/19/17).
 - *Reprinted in Innovation, Technology, and Economic Change*, D.C. Mowery and J. Fagerberg, eds. (Edward Elgar Publishing, Ltd.: Northampton, MA) 2015.
15. Mowery, D.C., Nelson, R.R., Sampat, B.N., and **Ziedonis, A.A.** “The Growth of Patenting and Licensing by U.S. Universities: An Assessment of the Effects of the Bayh–Dole Act of 1980,” *Research Policy*, 30(1):99–119, 2001.
 - #1 most cited article published in *Research Policy* in 2001 (Accessed 10/19/17).
 - *Reprinted in The Economics of Innovation Policy*, A.N. Link, ed. (Edward Elgar Publishing, Ltd.: Northampton, MA) 2015.
16. Mowery, D.C, and **Ziedonis, A.A.** “The Commercialization of National Lab Technology through the Formation of Spinoff Firms: Evidence from Lawrence Livermore National Laboratory,” *International Journal of Manufacturing Technology and Management*, 3(1):106–119, 2001.
17. Mowery, D.C, and **Ziedonis, A.A.** “Numbers, Quality, and Entry: How Has the Bayh–Dole Act Affected U.S. University Patenting and Licensing?” *Innovation Policy and the Economy*, 1(1):187–220, 2000.
18. Mowery, D.C., Nelson, R.R., Sampat, B.N., and **Ziedonis, A.A.** “The Effects of the Bayh–Dole Act on U.S. University Research and Technology Transfer,” *Industrializing Knowledge: University–Industry Linkages in Japan and the United States*, L.M. Branscomb, F. Kodama, and R. Florida, eds. (MIT Press: Cambridge, MA) 1999.
19. Mowery, D.C, and **Ziedonis, A.A.** “Market Failure or Market Magic? Structural Change in the US National Innovation System,” *Science Technology Industry Review*, 22:101–136, 1998.

PAPERS UNDER
REVIEW

1. Espinoza, A., Kelchtermans, S., Lopes–Bento, C., and **Ziedonis, A.A.** “Do Funded Research Projects Deviate from Grant Proposals and Does It Matter?” under review at *Organization Science*

CURRENT
WORKING
PAPERS

1. Khoshokhan, S. and **Ziedonis, A.A.** “The Dual Role of Intellectual Property Rights in Shaping Scientific Research”
2. Sun, Z., Zhao, L., and **Ziedonis, A.A.** “Does Digital Policy Promotion Affect Firm Innovation Strategies? Evidence from China”
3. Ali, A., Cabaliero, G., Cockburn, I., and **Ziedonis, A.A.** “Geographic Proximity in Markets for Technology”
4. Zhao, B., **Ziedonis, A.A.**, and Ziedonis, R.M. “State Government Programs and the Retention of Science and Technology Startups: Evidence from the Great Lakes Region”
5. Ali, A., Cockburn, I., and **Ziedonis, A.A.** “Patent Prosecution and the Timing of Licensing”
6. Goldfarb, B., Sampson, R., and **Ziedonis, A.A.** “Commercialization of University Research by Start–Ups vs. Established Firms”

7. **Ziedonis, A.A.**, and Ziedonis, R.M. “The Private Value of Patents for Entrepreneurial Firms: Evidence from Medical Devices, Semiconductors, and Software”
8. **Ziedonis, A.A.**, and Ziedonis, R.M. “Research Consortia and Brokers of R&D: Evidence from SEMATECH”

PUBLISHED
BOOKS

1. Mowery, D.C., Nelson, R.R., Sampat, B.N., and **Ziedonis, A.A.** Ivory Tower and Industrial Innovation, (Stanford University Press: Palo Alto, CA) 2015 (paperback), 2004 (hardcover).
 - Positively reviewed in *Administrative Science Quarterly*, 50(1): 131–136 (2005), and *The Journal of Economic History*, 64(4): 1147-1148 (2004).
2. Leiblein, M.J., and **Ziedonis, A.A.**, eds. Technology Strategy and Innovation Management, Series on Strategic Management, S. Hallman, series ed. (Edward Elgar Publishing, Ltd.: Northampton, MA) 2011.

PUBLISHED
BOOK REVIEWS

1. **Ziedonis, A.A.** Review of MIT and the Rise of Entrepreneurial Science, by H. Etzkowitz, *Research Policy* 33(1):177–178, 2004.

EDITORIAL
POSITIONS AND
REFEREE
SERVICE

- | | |
|---|--------------|
| Member, Editorial Board, <i>Strategic Management Journal</i> | 2010–present |
| Member, Editorial Board, <i>Research Policy</i> | 2002–present |
| Outstanding Reviewer | 2017 |
| Associate Editor, <i>Management Science</i>
(Entrepreneurship and Innovation Department) | 2008–2015 |
| Co–Editor for Special Issue on “Organizational Issues in
University Technology Transfer,” <i>Journal of Technology Transfer</i> , 26(1,2) | 2001 |
| Member, National Science Foundation Merit Review Panel,
Science of Science and Innovation Policy (SciSIP) Program | 2015 |
| Ad–Hoc Reviewer for <i>Academy of Management Review</i> , <i>American Economic Review</i> , <i>California Management Review</i> , <i>Economics of Innovation and New Technology</i> ,
<i>Industrial and Corporate Change</i> , <i>Journal of Technology Transfer</i> , <i>IRL</i> , <i>Journal of Law, Economics, and Organization</i> , <i>Organization Science</i> , and National
Science Foundation. | |

INVITED
PRESENTATIONS

- | | |
|---|----------------|
| <u>The Dual Role of Intellectual Property Rights in Shaping Scientific Research</u> | |
| • Academy of Management Annual Meeting, Chicago, IL | September 2024 |
| <u>Geographic Proximity in Markets for Technology</u> | |
| • Strategic Management Society Annual Meeting, Istanbul | September 2024 |
| • ZEW Conference on Innovation, Mannheim, Germany | September 2023 |
| <u>Do Funded Research Projects Deviate from Grant Proposals and Does It Matter?</u> | |
| • Academy of Management Annual Meeting, Chicago, IL | August 2024 |
| • DRUID, Nice, France | June 2024 |

- EU–SPRI Conference, University of Sussex June 2023
- Open Innovation in Science Conference, Vienna, Austria May 2023

Patent Prosecution and the Timing of Licensing

- Strategic Management Society Annual Meeting, London, UK Sept 2022
- Oxford Entrepreneurship Workshop, University of Oxford July 2022
- Annual Conference on Empirical Legal Studies, Claremont McKenna College April 2019
- Academy of Management Annual Meeting, Technology and Management Division, Chicago IL Aug 2018

University Licensing and the Flow of Scientific Knowledge

- College of Business Administration Seminar, University of Rhode Island Feb 2018
- Poole College of Management Seminar, North Carolina State University Jan 2018
- Academy of Management Annual Meeting, Business, Policy, and Strategy Division, Atlanta, GA Aug 2017
- Munich Summer Institute, Bavarian Academy of Sciences and Humanities, Munich Germany June 2016
- Sumantra Ghoshal Conf. on Managerially Relevant Research, London Business School June 2016
- Market and Non-Market Mechanisms for the Exchange and Diffusion of Innovation, Universität Bocconi June 2016
- ZEW Conference on the Dynamics of Entrepreneurship, Mannheim, Germany June 2016
- Fisher College of Business Seminar, Ohio State University Nov 2014
- Moore College of Business Seminar, University of South Carolina Nov 2014
- School of Management Seminar, University at Buffalo Oct 2014
- Searle Center Conference on Innovation Economics, Northwestern University Oct 2014
- SIEPR Seminar, Stanford University June 2014
- Leavey School of Business Seminar, Santa Clara University May 2014
- Conference on Channels and Effects of Knowledge Transfer from Universities, University of Kassel March 2014
- Academy of Management Annual Meeting, Technology and Management Division, Boston MA Aug 2012
- West Coast Research Symposium, University of Washington Sep 2011
- Workshop on Intellectual Property Policy and Innovation, NBER Summer Institute Jul 2011
- Lundquist Center for Entrepreneurship Research Workshop, University of Oregon Jun 2011
- Conference on the Organization, Economics, and Policy of Scientific Research, Torino, Italy Feb 2011

State Government Innovation Programs and the Retention of Science and Technology Start-Ups

- SPRU Research Seminar, University of Sussex February 2022
- University of Warwick Business School February 2022

- Politecnico di Milano Management Research Seminar, Milan, Italy November 2019
- Crete Workshop on Creativity and Innovation, Herlaklion, Greece July 2019
- Research Policy Special Issue Paper Development Workshop, January 2019 Politecnico di Torino, Torino, Italy
- Uddevalla Symposium on Innovation, Entrepreneurship, and Industrial Dynamics in Internationalised Regional Economies, Trollhättan, Sweden June 2017
- Conference on Japanese Entrepreneurship and Innovation, Stanford University Apr 2015
- Innovation Seminar, College of Engineering, University of California, Berkeley Mar 2015

The Private Value of Patents for Entrepreneurial Ventures

- Conference on IP Statistics for Decision Makers, Sydney, Australia Nov 2016
- Research Roundtable on Software and Business Method Patents, Northwestern University Apr 2014
- College of Management of Technology Seminar, École Polytechnique Fédérale de Lausanne, Switzerland Jun 2013
- The 6th Conference of the Economics of Entrepreneurship and Innovation, Queen's University Jun 2013
- ZEW/MaCCI Conference on the Economics of Innovation and Patenting, Mannheim, Germany Jun 2013
- West Coast Research Symposium, University of Southern California Sep 2012
- Academy of Management Annual Meeting, Boston, MA Aug 2012

R&D Consortia as Performers and Brokers of R&D

- Conference on Japanese Entrepreneurship and Innovation, University of California, San Diego May 2016
- Institutions and Innovation Conference, Harvard Business School Nov 2008
- Roundtable for Engineering Entrepreneurship Research, Georgia Institute of Technology Dec 2005
- Academy of Management Annual Meeting, Honolulu, HI Aug 2005
- Organization Science Fall Conference on Industrial Coordination, Philadelphia, PA Oct 2003
- Academy of Management Annual Meeting, Washington, DC Aug 2001

Commercialization of University Research by Start-Ups vs. Established Firms

- Academy of Management Annual Meeting, Boston, MA Aug 2012
- DRUID Society Conference on Innovation, Strategy, and Structure, Jun 2011 Copenhagen Business School
- Darden Entrepreneurship and Innovation Research Conference, University of Virginia May 2011
- School of Public and Environmental Affairs Seminar, Indiana University Apr 2011
- Wharton Technology Conference, University of Pennsylvania Apr 2011
- Innovation Seminar, Haas School of Business, University of California, Berkeley Jan 2011
- HEC Paris Entrepreneurship Conference, Paris, France Sep 2010

- International Society of New Institutional Economics Annual Meeting, Toronto, Canada Jun 2008
- Academy of Management Annual Meeting, Philadelphia, PA Aug 2007
- Conference on Entrepreneurship and Institutions, University of Wisconsin May 2007
- INFORMS Annual Meeting, Atlanta, GA Oct 2003

Geographic Reach of Market and Non-Market Channels of University Research

- Fisher College of Business Seminar, Ohio State University Nov 2011
- European School of Technology Management Seminar, Berlin, Germany June 2011
- Max Planck Institute for Economics Seminar, Jena, Germany June 2011
- Lundquist College of Business Seminar, University of Oregon Jan 2010
- College of Business Seminar, University of Illinois Oct 2009
- Krannert School of Management Seminar, Purdue University Oct 2009
- Kellogg School of Management Seminar, Northwestern University May 2009
- Robert H. Smith School of Business Seminar, University of Maryland Feb 2009
- Conference on the Economics and Policy of University Research, Collegio Carlo Alberto, Torino, Italy July 2008
- SIEPR Seminar, Stanford University Jun 2008
- Innovation Seminar, Haas School of Business, University of California, Berkeley May 2008
- Max Planck Institute Conference on the Costs and Benefits of Entrepreneurship, Amsterdam, The Netherlands May 2008
- Duke Strategy Conference, Duke University Apr 2008
- Wharton Strategy Conference, University of Pennsylvania Apr 2008
- Conference on the Changing Role of Public Sector Research in Innovation, Oslo, Norway Mar 2008
- Wisconsin School of Business Seminar, University of Wisconsin Nov 2007
- Conference on the Economics of Science and Engineering at the Industry–University Interface, University of California, Berkeley July 2002
- Conference on Linkages between Academic Research and Industrial Innovation in Multinational Companies, University of Reading Sep 2001
- University of Maryland Entrepreneurship Conference May 2000

Deferral and Growth Options under Sequential Investment

- Academy of Management Annual Meeting, Anaheim, CA Aug 2008
- Strategic Management Society Annual Meeting, San Diego, CA Oct 2007
- Atlanta Competitive Advantage Conference, Atlanta, GA June 2007
- Conference for Real Options in Entrepreneurship and Strategy, University of North Carolina June 2006

Alliance Organization and Technological Performance:

Disaggregating the Causes and Consequences of Ownership and Co-Location

- Academy of Management Annual Meeting, Anaheim, CA Aug 2009
- International Society for New Institutional Economics Annual Meeting, Berkeley, CA June 2009

Real Options in Technology Licensing

- College of Engineering Seminar, University of California, Santa Barbara May 2012
- Marshall School of Business Seminar, University of Southern California Oct 2006
- College of Business Seminar, University of Illinois Oct 2005
- Harvard Business School Conference on Entrepreneurship and Innovation, Harvard University Dec 2004
- Berkeley–Stanford–Michigan Mini–Conference on University–Industry Interfaces, Stanford, CA Nov 2004
- Harvard Business School Strategy Conference, Harvard University Oct 2004
- Academy of Management Annual Meeting, Seattle, WA Aug 2003
- Interdisciplinary Committee on Organizational Studies Seminar, University of Michigan Sep 2002
- Strategic Management Society Annual Meeting, Berlin, Germany Oct 1999
- Conference on Intangibles: Management, Measurement, and Organization, New York University May 1999

Academic Patents and Materials Transfer Agreements: Substitutes or Complements?

- Western Economic Association, San Francisco, CA July 2005
- Conference on Bringing Science to Life, Institute for International Business, University of Toronto Apr 2005

Overoptimism and the Performance of Entrepreneurial Firms

- Krannert School of Management Seminar, Purdue University Mar 2005
- Conference for the *Management Science* Focused Issue on Entrepreneurship, Case Western Reserve University Oct 2004
- Roundtable on Engineering Entrepreneurship Research, Georgia Institute of Technology Nov 2003
- *Organization Science* Fall Conference on Industrial Coordination, Philadelphia, PA Oct 2003

Patent Citations and the Economic Value of Patents

- ZEW Conference on Empirical Economics of Innovation and Patenting, Mannheim, Germany Mar 2003
- Academy of Management Annual Meeting, Toronto, Canada Aug 2000
- NBER Research Conference on the Patent System and Innovation, Cambridge, MA Mar 1998

Changes in University Patent Quality after Bayh–Dole: A Re–Examination

- Intellectual Property Law Workshop, University of Michigan Law School Jan 2003
- Conference on the Economics of Intellectual Property at Universities, University of North Carolina, Greensboro Nov 2002

Effects of the Bayh–Dole Act on University Research and Technology Transfer

- Roundtable on Engineering Entrepreneurship Research, Georgia Institute of Technology Dec 2000
- Elliot School of International Affairs Seminar, George Washington University Sep 2000
- NBER Research Conference on Innovation Policy and the Economy, Washington, DC Apr 2000

- Academy of Management Annual Meeting, Chicago, IL Aug 1999
- NBER Science and Technology Policy Program Summer Institute, Jul 1999 Cambridge, MA
- American Economic Association Annual Meeting, New York, NY Jan 1999
- Conference on the U.S. and Japanese Research Systems, Sep 1998 Kennedy School of Government, Harvard University
- Conference on University–Industry Research Relationships, Aug 1998 University of California, Berkeley
- D–Phil Day, Science Policy Research Institute, May 1998 University of Sussex
- Biotechnology and the Law Conference, Feb 1998 University of California, Berkeley

CONFERENCES AND PANELS	<u>Invited Discussant</u>	
	• Open Innovation in Science Conference, Vienna	May 2023
	• Rise3 Workshop, Max Planck Institute for Innovation and Competition	Dec 2020
	• Roundtable for Engineering Entrepreneurship Research, Georgia Institute of Technology	Nov 2018
	• IFN Conference on Entrepreneurship and Innovation, Stockholm	June 2018
	• 11 th Annual Searle Center Conference on Innovation Economics and Innovation, Northwestern Law School	June 2018
	• Roundtable for Engineering Entrepreneurship Research, Georgia Institute of Technology	Nov 2017
	• Academy of Management Annual Meeting, Atlanta, GA	Aug 2017
	• 20th Udevalla Symposium, Trollhättan, Sweden	June 2017
	• Conference on Japanese Entrepreneurship and Innovation, University of California, San Diego	May 2016
	• Searle Center Conference on Patent Standards, Northwestern Law School	May 2015
	• 6 th Annual Searle Center Conference on Entrepreneurship and Innovation, Northwestern Law School	June 2013
	• 5 th Annual Searle Center Conference on Entrepreneurship and Innovation, Northwestern Law School	June 2012
	• Panel on Patenting, Productivity, and Public Policy, American Economics Association Annual Meeting, New Orleans, LA	Jan 2008
	• Panel on the Economics of Intellectual Property, NBER Summer Institute, Cambridge, MA	July 2007
	• Consortium on Competitiveness and Cooperation Conference, Georgia Institute of Technology	Apr 2007
	• Conference for Real Options in Entrepreneurship and Strategy, University of North Carolina	June 2006
	• Roundtable for Engineering Entrepreneurship Research, Georgia Institute of Technology	Dec 2005
	• Academy of Management Annual Meeting, Honolulu, HI	Aug 2005
	• Conference on Bringing Science to Life, Institute for International Business, University of Toronto	Apr 2005
	• NBER Conference on Academic Science and Entrepreneurship, Santa Fe, NM	Apr 2005
	• Roundtable for Engineering Entrepreneurship Research,	Dec 2004

- Georgia Institute of Technology
- International Society for New Institutional Economics Annual Meeting, Sep 2004 Tucson, AZ
 - Academy of Management Annual Meeting, New Orleans, LA Aug 2004
 - Roundtable for Engineering Entrepreneurship Research, Georgia Institute of Technology Nov 2003
 - NBER Productivity Meeting, Cambridge, MA Dec 2002
 - Roundtable for Engineering Entrepreneurship Research, Georgia Institute of Technology Mar 2002
 - Academy of Management Annual Meeting, New Orleans, LA Aug 2001

Invited Panelist

- Professional Development Workshop on Research with Patent Data, Academy of Management Annual Meeting, Chicago, IL August 2018
- Panel on Assessing Academic Entrepreneurship: A Comparative Analysis of Europe vs. the U.S., Academy of Management Annual Meeting, Boston, MA Aug 2012
- Panel on Research on Universities and Commercialization: Contributions to Management Research, Academy of Management Annual Meeting, San Antonio, TX Aug 2011
- New Doctoral Student Consortium, Academy of Management Annual Meeting, San Antonio, TX Aug 2011
- Panel on Key Issues and Emerging Questions in Entrepreneurial Strategy Research, Strategy Management Society Annual Meeting, Washington, DC Oct 2009
- National Academy of Sciences Panel on Managing the Transfer of Academic Research Results, Washington, DC Nov 2008
- Kauffman–Planck Annual Summit on Entrepreneurship Research and Policy, Dana Point, CA July 2007
- Conference on Patent Law and Innovation in the Life Sciences, Harvard Law School Dec 2005
- Professional Development Workshop on “Methodologies for Research on Knowledge Flows using Patent and Non-Patent Data,” Academy of Management Annual Meeting, Honolulu, HI August 2005
- Roundtable on a Global Model for Commercialization of Academic Research, Copenhagen, Denmark Jan 2005
- Professional Development Workshop on “Uses and Abuses of Patent Data,” Academy of Management Annual Meeting, Seattle, WA August 2005
- Winter Strategy Conference, Brigham Young University—University of Utah, Salt Lake City, UT Mar 2002
- Panel on the Shifting Landscape on Commercializing Research, Academy of Management Annual Meeting, Toronto, Canada Aug 2000
- Conference on Organizational Issues in University Technology Transfer, Purdue University June 2000
- Panel on Technology and Location, Location, Location, Association for Public Policy Analysis and Management Research Conference, Washington DC Nov 1999
- Panel on Universities as a Source of New Technology, Academy of Management Annual Meeting, Chicago, IL Aug 1999

Panel Chair

- Facilitating Innovation within Genomics Research and New Drug Development, Academy of Management Annual Meeting, Chicago, IL
- September 2024

PH.D.
DISSERTATION
COMMITTEES

Andrés Madariaga Espinoza, KU Leuven	Commenced Program in 2021
Jeffrey Savage, College of Business, University of Illinois “Dynamic Capabilities: The Role of Managers in Building Experimentation, Growth, and Production Capabilities,” placed at the University of South Carolina	2017
Vincenzo Palermo, College of Management, Georgia Institute of Technology, “Essays on Markets for Technology: The Role of Licensing as a Complementary Strategy to Internal R&D,” placed at University of Toronto	2013
Alexander Schacht, Friedrich Schiller University, “Licensing Inventions of Public Research: A Geographical Analysis of the Max Planck Institute,” placed at Ernst & Young, Zurich	2012
Eleanor Flening, Australian National University, “From Invention to 30 Years After the Bayh–Dole Act: Rethinking the Australian Research Commercialisation Experience, placed at Australian National University	2011
Frederick Lehmann, University of Michigan, “Three Essays on Entrepreneurship: Reassessing Puzzles and Assumptions,” placed at Católica–Lisbon School of Business and Economics	2007
Michael Troilo, University of Michigan, “Essays in International Entrepreneurship: Institutions and Entrepreneurial Activity,” placed at University of Tulsa	2007
David Leibsohn, University of Michigan, “Looking Beyond Entry to Foreign Market Development and Performance: Evidence from the International Operations of U.S. Fast–Food Chains,” placed at California State University, Fullerton	2007
Puay Khoon Toh, University of Michigan, “Structure–Scope Matching: A Study of the Interrelationship between Organizational Structure and Innovation in the Communications Industry,” placed at University of Minnesota	2007

TEACHING
EXPERIENCE

Faculty of Economics and Business, KU Leuven

Best Teacher Recognition

2021

Innovative Entrepreneurship (Graduate) Spring 2021

Interdisc. Lab in Management, Strategy,
and Innovation (Graduate) Spring 2020-2021

Managerial Economics (Undergraduate) Spring 2020-2021

Department of Management Engineering, Politecnico Milano

Design Strategy and Economics of Innovation (Graduate) Fall 2019

Stern School of Business, New York University

MULT-UB-0020.01, Game Theory (Undergraduate) Spring 2019

Questrom School of Business, Boston University

SI 751, Competition, Innovation and Strategy
(Evening MBA Capstone Strategy Course) Fall and Spring 2015–2019

SI 845, Technology Strategy (MBA) Spring 2018

SI 482, Strategy for Technology-Based Firms
(Undergraduate Business and Engineering) Spring 2017,
Fall 2023, Spring 2024

École National des Ponts et Chausées Business School

MA 18, Strategic Management
(Executive MBA Course) May 2017

Leavey College of Business, Santa Clara University

MGMT 2504, Innovation in the Valley and Beyond (MBA) Spring 2015

MGMT 162, Capstone Strategy Course (Undergraduate) Spring 2015

Lundquist College of Business, University of Oregon

MGMT 614, Strategic Management (MBA)
(Capstone Strategy Course) Spring 2013

MGMT 610, Technology and Innovation Management (MBA)
2011–2013 Spring

MGMT 607, Technology Dynamics and Firm Strategy (Ph.D.) Spring 2013

MGMT 607, Boundaries of the Firm (Ph.D.) Winter 2013

MGMT 335, Launching New Ventures Fall 2010, Winter 2012, Spring 2013
(Undergraduate)

Stephen M. Ross School of Business, University of Michigan

STRAT (formerly CSIB) 601, Corporate Strategy (MBA) Fall 2003, 2008
Voted a “Top Ten” Instructor in Evening MBA program Winter 2005–2008, 2010

CSIB 647, Strategy for Technology Commercialization Fall 2003, Winter 2006
(MBA)

Multidisciplinary Action Projects (MBA) Winter 2003, 2009–2010

CSIB 898, Boundaries of the Firm (Ph.D.) Winter 2006, 2008

CSIB 897 and 898, Technology Dynamics and Firm Strategy (Ph.D.) Winter 2003

Wharton School, University of Pennsylvania

MGMT 711, Comp. Strategy and Industrial Structure (MBA) Spring 2001–2002

PPMT 203, Business Policy and the Fall 2000-2001, Spring 2002
Global Political Environment (Undergraduate)

MGMT 802, Innovation, Change, and Entrepreneurial Spring 2000
Management (MBA)

MGMT 653, Field Application Project (MBA) Spring 2000-2001

Haas School of Business, University of California, Berkeley
(Graduate Student Instructor)

BA 110, Microeconomics (Undergraduate) Summer 1996–1999

BA 170, The Economic, Political, and International Spring 1996, Fall 1997
Environment of Business (Undergraduate)

BA 188, International Business (Undergraduate) Fall 1994

E204, Quantitative Analysis for Business Decisions (MBA) Fall 1995

PROFESSIONAL
SERVICE

Academy of Management

*Elected to Leadership Track, Technology and Innovation Management (TIM)
Division*

• Past Division Chair 2013–2014

- Division Chair 2012–2013
 - Division Chair-Elect 2011–2012
 - Program Chair 2010–2011
 - Professional Development Workshop Chair 2009–2010
- Other Academy of Management Service*
- Panelist, Doctoral Consortium, Technology and Innovation Management Division 2015
 - Co-Organizer, Doctoral Consortium, TIM Division 2007
 - Co-Organizer, Doctoral Consortium, TIM Division 2006
 - Member, Executive Committee, TIM Division 2005–2007
 - Member, Research Committee, BPS Division 2005–2007
 - Outstanding Reviewer Award, BPS Division 2005
 - Faculty Leader, Junior Faculty Consortium, TIM Division 2004

Kauffman Foundation

- Contributor, “State of the Field” website on current state of academic research on university technology transfer 2014
- Faculty Mentor, Entrepreneurship Doctoral Workshop 2011, 2013, 2015–2017
- Reviewer, Junior Faculty Fellowship in Entrepreneurship Research 2012–2017
- Reviewer, Doctoral Fellowship in Entrepreneurship Research 2010–2011

Strategic Management Society

- Representative At-Large, Entrepreneurship and Strategy Interest Group 2007–2008
- Member, Program Review Committee, Competitive Strategy Interest Group 2007

Other Service

- Faculty Member, Competition and Innovation Summer School for PhD Students and Postdocs, Ulcinj, Montenegro 2018
- Member, Merit Review Panel, Science of Science and Innovation Policy (SciSIP) Program, National Science Foundation 2015
- Member, Steering Committee; Science, Technology, and Public Policy Program at the Gerald R. Ford School of Public Policy, University of Michigan 2006–2008
- Member, INFORMS Technology Management Section Dissertation Award Committee 2005
- Member, University Council, University of Pennsylvania 2000–2001

FELLOWSHIPS AND RESEARCH AWARDS

- CREATE Fellow, Kenan Institute of Private Enterprise, Kenan-Flagler Business School, University of North Carolina 2021
- Research Grant, Impulsfund, KU Leuven 2020
- Sloan Foundation Research Program on the Economics of Knowledge Contribution and Distribution 2014
- John and Emiko Kageyama Foundation Research Grant 2011
- John M. Olin Center for Law and Economics, University of Michigan Law School 2008–2013
- Office of the Vice President for Research, University of Michigan 2004–2007

- William and Phyllis Mack Center for Technological Innovation Research Grants, Wharton School, University of Pennsylvania 1999–2006
- California Policy Research Center Grant 1995–1996
- Sasakawa Peace Foundation Fellowship 1993-1994

BUSINESS EXPERIENCE	D. Russell Associates (Specialty Environmental Engineering Firm) Point Richmond, CA	1991
	<ul style="list-style-type: none"> • Business Development Manager 	
	<u>Pacific Gas and Electric Company</u> San Francisco, CA	1985–1991
	<ul style="list-style-type: none"> • Business Planner, Engineering and Construction Business Unit • Corporate Planning Analyst, Strategic Planning Department • Responsible Engineer, Hydroelectric Power Division • Design Engineer, Diablo Canyon Nuclear Power Plant 	
	<u>Bechtel Power Company</u> San Francisco, CA	1983–1985
	<ul style="list-style-type: none"> • Engineer 	

Currently licensed as a Professional Civil Engineer in California, License #C39002

MEDIA MENTION *The New York Times* “Patents” Column, March 2, 1998