Curriculum Vitae

RAJSHREE AGARWAL

CONTACT INFORMATION

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Fax: 301-314-8787

EDUCATION

Ph. D. in Economics, 1994, SUNY-Buffalo

M.A. in Economics, 1990, SUNY-Buffalo

M.A. in Economics, 1988, Bombay University, India.

B.A. in Economics and Statistics, 1986, Bombay University, India.

ACADEMIC POSITIONS

Rudolph Lamone Chair and Professor in Entrepreneurship and Strategy, 2010- Present, University of Maryland

Director, Ed Snider Center for Enterprise and Markets, University of Maryland, 2014- Present

Academic Director, Dingman Center for Entrepreneurship, University of Maryland, 2012-2014

ADVANCE Professor, 2011-2012, University of Maryland

BioBEL Faculty Affliliate, Institute of Genomic Biology, 2010-Present, University of Illinois

John Georges Professor in Technology Management and Strategy, 2007-2010, University of Illinois

Director, Innovation and Technology Management Initiatives, 2007-2010, University of Illinois

Program Director, Certificate in Entrepreneurship and Management, 2007-2010, University of Illinois

Scholar-in-Residence 2007-2010, Academy of Entrepreneurial Leadership, University of Illinois

BioBEL Faculty, Institute of Genomic Biology 2006-2010, University of Illinois

James F. Towey Faculty Fellow 2005-2007, University of Illinois

Associate Professor in Strategic Management 2003-2007, University of Illinois

Assistant Professor in Strategic Management 2001-2003, University of Illinois

Assistant Professor in Economics 1995-2001, University of Central Florida.

Faculty Fellow 1998-2000, Faculty Center for Teaching and Learning, University of Central Florida.

Post Doctoral Research Fellow 1994-1995, State University of New York at Buffalo.

Instructor, McNair Program for Post Baccalaureate Study 1992-95, State University of New York at Buffalo.

RESEARCH

RESEARCH AWARDS

Distinguished Alumni Award, School of Management, University at Buffalo, 2019

Excellence in Research Award, University of Maryland, 2019

Distinguished Scholar Teacher Award, University of Maryland, 2017

Strategic Entrepreneurship Journal, 2016 Best Paper Award

Strategic Human Capital, Strategic Management Society, 2106 Best Interdisciplinary Paper Award

Strategic Management Society Fellow, Inducted in 2014

Graduate Mentor of the Year, Robert H. Smith School of Business, University of Maryland, 2014

Graduate Mentor of the Year, Graduate College, University of Maryland, 2013

University Scholar, University of Illinois, 2009

Stephen Schrader Best Paper Award, TIM, Academy of Management, 2005

Academy of Management Journal 2004 Best Paper Award

Galloway Award for Research, 1999, Economics, UCF

Galloway Award for Research, 1998, Economics, UCF

JOURNAL PUBLICATIONS (PEER REVIEWED)

- (Unless indicated otherwise with an *, all papers below represent equal contributions by all coauthors, regardless of the order in which they appear.)
- [62] Mahka Moeen, Rajshree Agarwal and Sonali Shah Building Industries by Building Knowledge: Uncertainty Reduction Over Industry Milestones, Strategy Science, 2020 5(3):147-291
- [61] Prithwiraj Choudhury, Evan Starr and Rajshree Agarwal, Machine Learning and Human Capital Complementarities: Experimental Evidence on Bias Mitigation, Strategic Management Journal. 2020, 41(8): 1381-1411 2019 Best Conference Paper Prize; Strategic Management Society; 2019 Best Interdisciplinary Paper Award by Strategic Human Capital Interest Group, Strategic Management Society
- [60] Agarwal, Rajshree, Serguey Braguinsky and Atsushi Ohyama Centers of Gravity: The Effect of Shared Leadership and Stability in Top Management Teams on Firm Growth and Industry Evolution Strategic Management Journal, 2020, 41(3): 467-498
- [59] Lazar, Moran, Ella Miron-Spektor, Rajshree Agarwal, Miriam Erez, Brent Goldfarb and Gilad Chen Entrepreneurial Team Formation Academy of Management Annals, 2020, 14(1): 29-59
- [58] Starr, Evan, Justin Frake and Rajshree Agarwal, *Mobility Constraint Externalities*, Organization Science, 2019, 30(5):869-1123
- [57] Shah, Sonali, Rajshree Agarwal and Raj Echambadi, *Jewels in the crown: Motivations and team building processes of employee entrepreneurs* Strategic Management Journal, 2019, 40(9): 1331-1514.
- [56] Agarwal, Rajshree and Michael Holmes Lets Not Focus on Income Inequality Academy of Management Review, 2019, 44(2), 450-460.

- [55] Greenwood, Brad, Ritu Agarwal, Rajshree Agarwal and Anand Gopal, *The Role of Individual and Organizational Expertise in Adoption of New Practices* Organization Science 2019, 30(1): 191-213
- [54] Byun, Heejung, Justin Frake and Rajshree Agarwal Leveraging who you know by what you know: Generalists, specialists and returns to relational capital, forthcoming, Strategic Management Journal, 2018: 39 1803-1833.
 2016 Best Interdisciplinary Paper Award by Strategic Human Capital Interest Group, Strategic Management Society
- [53] Agarwal, Rajshree, Mahka Moeen, & Sonali K. Shah, *Athena's Birth: Triggers, Actors, and Actions Preceding Industry Inception*. Strategic Entrepreneurship Journal, 2017, 11(3), 287-305.
- [52] Greenwood, Brad, Ritu Agarwal, Rajshree Agarwal and Anand Gopal *The When and Why of Abandonment: The Role of Organizational Differences in Medical Technology Lifecycles*, Management Science, 2017, 63(9): 2948-2966
- [51] Charles Williams, Pao-Lien Chen and Rajshree Agarwal, Fresh Faces and Old Hands: The Value of Outside and Prior Top Management Experience in Strategic Renewal, Strategic Management Journal, 2017 38 (7): 1391-1415
- [50] Moeen, Mahka and Rajshree Agarwal Incubation of an Industry: Heterogeneous Knowledge Bases and Modes of Value Capture, Strategic Management Journal, 2017, 38 (3): 566–587
- [49] Shapiro, Debra, Peter Hom, Wei Shen and Rajshree Agarwal* How Do Leader Departures Affect Subordinates' Organizational Attachment? A 360-Degree Relational Perspective Academy of Management Review 2016, 41 (3), 479-502
- [48] Agarwal Rajshree, Ben Campbell, Martin Ganco and April Franco What Do I Take With Me?: The Mediating Effect of Spin-out Team Size and Tenure on the Founder-Firm Performance Relationship, Academy of Management Journal 2016, 59 (3): 1060-1087
- [47] Mindruta, Denisa, Mahka Moeen and Rajshree Agarwal A Two-sided Matching Approach for Partner Selection and Assessing Complementarities in Inter-firm Alliances, 2016, Strategic Management Journal, 2016, 37(1): 206-231
- [46] Agarwal, Rajshree and Serguey Braguinsky, Industry Evolution and Entrepreneurship: Steven Klepper's Contributions to Industrial Organization, Strategy, Technological Change and Entrepreneurship, 2015, Strategic Entrepreneurship Journal, 9(4):380-397
- [45] Ganco, Martin, Rosemarie Ziedonis and Rajshree Agarwal, More Stars Stay, But the Brightest Ones Still Leave: Job Hopping in the Shadow of Patent Enforcement Strategic Management Journal 2015, 36(5): 659-685
- [44] Agarwal, Rajshree and Sonali Shah, Knowledge Sources of Entrepreneurship: Firm Formation by Employees, Users and Academics Research Policy 2014, 43(7): 1109–1133
- [43] Agarwal, Rajshree, and Atsushi Ohyama Industry or Academia, Basic or Applied?: Career Choices and Trajectories of Scientists Management Science 2013, 59(4): 950-970
- [42] Carnahan, Seth Rajshree Agarwal and Benjamin Campbell, The Effect of Firm Compensation Structures on Employee Mobility and Employee Entrepreneurship of Extreme Performers Strategic Management Journal 2012, 33(12):1411-1430
- [41] Agarwal, Rajshree, Jay Anand, Janet Bercovitz, and Rachel Croson *Spillovers across Organizational Architectures: The Role of Prior Formal and Informal Interaction in Post-Acquisition Integration Outcomes* <u>Strategic Management Journal</u> 2012,33(6): 710-733.
- [40] Qian, Lihong, Rajshree Agarwal and Glenn Hoetker Configuration of Value Chain Activities: The Effect of Pre-Entry Capabilities, Transactions Hazard and Industry Evolution on the Decision to Internalize, Organization Science 2012, 23:1330-1349.

- [39] Chen, Pao-Lien, Charlie Williams and Rajshree Agarwal Growing Pains: The Effect of Pre-entry Experience on Impediments to Growth, Strategic Management Journal 2012 33:252-276 **Dingman Best Paper Award, 2011**
- [38] Campbell, Benjamin, Martin Ganco, April Franco and Rajshree Agarwal Who Leaves, Where to, and Why Worry? Employee Mobility, Employee Entrepreneurship and Effects on Source Firm Performance Strategic Management Journal 2012 33: 65-87 Runner up, Best Conference Paper Award, Strategic Management Society Meetings, 2009
- [37] Agarwal, Rajshree, David Audretsch and MB Sarkar, Knowledge Spillovers and Strategic Entrepreneurship, Strategic Entrepreneurship Journal, 2010, 4(4): 271-283
- [36] Agarwal, Rajshree, Rachel Croson, and Joseph Mahoney* The Role of Incentives and Communication in Strategic Alliances: An Experimental Investigation, Strategic Management Journal, 2010 31(4): 413-437
- [35] Franco, April, MB Sarkar, Raj Echambadi and Rajshree Agarwal Swift and Smart? The Moderating Effects of Technological Capabilities on the Market Pioneering Firm Survival Relationship Management Science, 2009 55(11): 1842-1860
- [34] Agarwal, Rajshree, Jay Barney, Nicolai Foss and Peter Klein Heterogenous Resources and the Financial Crisis: Implications of Strategic Management Theory Strategic Organization 2009, 7(4): 467-484
- [33] Agarwal, Rajshree, Martin Ganco and Rosemarie Ziedonis Reputations for Toughness in IP Enforcement: Effects on Knowledge Spillovers through Employee Mobility, Strategic Management Journal, 2009 30(13): 1349-1374
- [32] Agarwal, Rajshree, and Constance Helfat Strategic Renewal of Organizations, Organization Science 2009 20: 281-293
- [31] Ganco, Martin, and Rajshree Agarwal, Performance Differentials between Diversifying Entrants and Entrepreneurial Start-Ups over the Industry Life Cycle: A Complexity Approach Academy of Management Review 2009 34: 228-252
- [30] Agarwal, Rajshree, David Audretsch and MB Sarkar, *The Process of Creative Construction: Knowledge Spillovers, Entrepreneurship and Economic Growth*, Strategic Entrepreneurship Journal, 2007 1(2): 263–286 Strategic Entrepreneurship Journal Best Paper Award 2016
- [29] Croson, Rachel, Jaideep Anand, and Rajshree Agarwal* Using experiments in corporate strategy research European Management Review, 2007 4(3): 173-181
- [28] Bayus, Barry and Rajshree Agarwal, *The Role of Pre-Entry Experience, Entry Timing, and Product Technology Strategies in Explaining Firm Survival*, Management Science, 2007, 53(12): 1887–1902
- [27] Agarwal, Rajshree, and Glenn Hoetker, A Faustian Bargain? The Growth of Management and its Relationship with Related Disciplines, Academy of Management Journal, 2007, 50(6): 1304–1322
- [26] Hoetker, Glenn and Rajshree Agarwal, Death Hurts but it is Not Fatal: The Post Exit Diffusion of Knowledge Created by Innovative Companies, Academy of Management Journal, 2007, 50(2): 446-467
- [25] Echambadi, Raj, Benjamin Campbell and Rajshree Agarwal Encouraging Best Practice in Quantitative Management Research: An Incomplete List of Opportunities, Journal of Management Studies, 2006, 43(8): 1801-1820
- [24] Bayus, Barry, Wooseong Kang and Rajshree Agarwal* Creating Growth in New Markets: A Simultaneous Model of Firm Entry and Price Journal of Product and Innovation Management, 2007, 24: 139-155 JPIM Best Paper Finalist

- [23] Franco, April MB Sarkar, Rajshree Agarwal and Raj Echambadi "The Moderating Effects of Technological Capabilities on the Market Pioneering Firm Survival Relationship" Academy of Management Best Paper Proceedings, 2006
- [22] Agarwal, Rajshree, Raj Echambadi, April Franco, and MB Sarkar, "Reap Rewards: Maximizing Benefits from Reviewer Comments" Academy of Management Journal 2006, v 49, no 2, p 191-196
- [21] Sarkar, MB, Raj Echambadi, Rajshree Agarwal, and Bisakha Sen, *The Effect of the Innovative Environment on the Exit of Entrepreneurial Firms* Strategic Management Journal, 2006 27:519-539
- [20] Hoetker, Glenn and Rajshree Agarwal, Death Hurts but it is Not Fatal: The Post Exit Diffusion of Knowledge Created by Innovative Companies, Academy of Management Best Paper Proceedings, 2005 Stephan Schrader Best Paper Award, Academy of Management Meetings, 2005
- [19] Agarwal, Rajshree, Raj Echambadi, April Franco, and MB Sarkar, "Knowledge Transfer through Inheritance: Spin-out Generation, Growth and Survival", 2004, Academy of Management Journal 47(4): 501-522 AMJ 2004 Best Paper Award
- [18] Agarwal, Rajshree and Barry Bayus "Creating and Surviving in New Industries" Advances in Strategic Management, 2004, in Business Strategy over the Industry Life Cycle: Advances in Strategic Management, 21.
- [17] Kim Sosin, Betty J. Blecha, Rajshree Agarwal, Robin L. Bartlett, and Joseph I. Daniel, *Efficiency in the Use of Technology in Economic Education: Some Preliminary Results American Economic Review* Vol. 94, No. 2, May 2004, 253-258
- [16] Agarwal, Rajshree, MB Sarkar and Raj Echambadi, "The Conditioning Effect of Time on Firm Survival: A Life Cycle Approach" Academy of Management Journal, 2002, v 45 n 8, p 971-994
- [15] Agarwal, Rajshree and Barry Bayus, "The Market Evolution and Take-off of New Product Innovations", Management Science 2002, v 48 n 8, p1024-1041
- [14] Agarwal, Rajshree, Raj Echambadi, April Franco and MB Sarkar "The Role Of Knowledge In Organizational Formation And Performance: Spin-Out Generation And Survival", <u>Academy of Management Best Paper Proceedings</u>, 2002
- [13] Agarwal, Rajshree and Michael Gort, "Products and Firm Life Cycles and Firm Survival", American Economic Review 2002, v 92, n 2, p 184-190.
- [12] Agarwal, Rajshree and Michael Gort, "First Mover Advantage and the Speed of Competitive Entry: 1887-1986" Journal of Law and Economics, 2001, v44,n1, p 161-178
- [11] Agarwal, Rajshree and Julie Elston "Bank-Firm Relationships, Financing and Firm Performance in Germany" Economics Letters 2001, v 72, n2, p 225-232
- [10] Agarwal, Rajshree and David Audretsch "Does Start-up Size Matter? The Impact of Technology and Product Life-cycle on Firm Survival" with David Audretsch, Journal of Industrial Economics 2001, v 49, n1, p 21-44.
- [9] Agarwal, Rajshree and A. Edward Day "Web-based Instruction Using the LBO Model" Journal of Economic Education 2000, v 31, n2, p 207
- [8] Agarwal, Rajshree and David Audretsch "The Two Views of Small Firms in Industry Dynamics: A Reconciliation" Economics Letters, 1999, v 62, p 245-251.
- [7] Gallet, Craig and Rajshree Agarwal*, "The Gradual Response of Cigarette Demand to Health Information" with, Bulletin of Economic Research 1999, v 51, n 3, p 259 265.
- [6] Agarwal, Rajshree "Small Firm Survival and Technological Activity" in Small Business Economics, November 1998, v11, n 3, p 215-224.

- [5] Agarwal, Rajshree, "Evolutionary Trends of Industry Variables" in International Journal of Industrial Organization, July 1998, v 16, p 511-525.
- [4] Agarwal, Rajshree and A. Edward Day "The Impact of the Internet on Economic Education" in Journal of Economic Education, Spring 1998, v 29, n 2, p 99-110.
- [3] Agarwal, Rajshree, "Survival of Firms over the Product Life Cycle" in Southern Economic Journal, January 1997, v 63, n 3, p 571-583.
- [2] Agarwal, Rajshree and Michael Gort, "The Evolution of Markets and Entry, Exit and Survival of Firms" in Review of Economics and Statistics, August 1996, v78, n 3, p 489-498.
- [1] Agarwal, Rajshree. "Technological Activity and Survival of Firms" in Economics Letters, July 1996, v 52, n 1, p 101-108.

INVITED ARTICLES, EDITORIALS AND BOOK CHAPTERS

- Agarwal, Rajshree *Human Enterprise* in Nyberg, A., and Moliterno, T., (ed) <u>Handbook of Research on Strategic Human Capital Resources</u>, 2019, Edward Elgar Publishers
- Agarwal, Rajshree, Guido Buenstorf, Wes Cohen, and Franco Malerba, *The legacy of Steven Klepper: Industry evolution, entrepreneurship, and geography,* Industrial and Corporate Change 2015, 24(4): 739-753
- Agarwal, Rajshree, Alfonso Gambardella, and Daniel M. Olson (2014) "Employee Mobility and Entrepreneurship A Virtual Special Issue [1]." Strategic Management Journal.
- Agarwal, R. and S. Sonka (2010), "Different strokes for different folks: University programs that enable diverse career choices of young scientists," in Libecap, G and M. Thursby (eds) Advances in the Study of Entrepreneurship, Innovation, and Economic Growth volume on "Spanning Boundaries and Disciplines: University Technology Commercialization in the Idea Age" Emerald Publishing, 2010
- Rajshree Agarwal and Mary Tripsas 2007 *Technology and Industry Evolution*, in <u>Handbook of Technology</u> <u>Management (ed. Scott Shane) MA: Blackwell Publishing</u>
- Agarwal, R., Anand, J. & Croson, R. (2006) Are there benefits from engaging in an alliance with a firm prior to its acquisition? in <u>Strategic Alliances: Governance and Contracts</u> (eds: Africa Arino and Jeffrey Reuer) NY: Palgrave Macmillan Press
- Alvarez, Sharon, Rajshree Agarwal, and Olav Sorenson (editors), <u>Handbook of Entrepreneurship</u> <u>Research: Disciplinary Perspectives</u> International Handbook Series on Entrepreneurship, 2005, New York: Springer Publications

MEDIA EDITORIALS AND COMMENTARIES

Why Amazon Outhustles Comcast: A Tale Of Two Monopolies And Implications For Their Customers, Forbes, September 15, 2020

Maintaining Organizational Soul While Onboarding In A Remote World, Forbes, September 08, 2020

Tired Of Covid-19 Chaos? Blame Too Much Regulation, Not Too Much Freedom Forbes, August 10, 2020

Instead Of Open Or Closed, Dial Your Mind To Active Forbes, July 21, 2020

U.S. Consumers And Producers Need Immigration In The Post-Covid World Forbes, July 06, 2020

Overcoming Bias In A World Of Bad Information Forbes, June 23, 2020

Creating Dialogue In Light Of Oppression Forbes, June 08, 2020

Six Fallacies That Will Stall COVID-19 Recovery Forbes, May 27, 2020

Back To The Future? Imagine Life 25 Years Ago With COVID-19 Forbes, May 11, 2020.

Customizing Boundaries When Your Entire Team Suddenly Works From Home Forbes, April 27, 2020

Three Keys To Engaged, Productive Telework Teams Forbes, April 14, 2020

Feeling Isolated Or Down? Try These Movies To Regain Your Sense Of A Purposeful Life Forbes, March 30, 2020

Lessons From Penicillin In The Race Against COVID-19 Forbes, March 20, 2020

Being Successful And Self-Serving By Checking Your Bias Forbes, March 03, 2020

Making the World a Better Place by Creating Markets, Forbes, February 18, 2020

Killing Dialogue with Claims of Oppression, Forbes, January 28, 2020

Sticking To Your Resolutions in the Weeks After the New Year, Forbes, January 13, 2020

How To Collaborate Your Way To The Top Forbes, December 12, 2019

When Being Selfish Creates a Win-Win Forbes, November 20, 2019

The High Cost of (Not) Asking Questions Forbes, November 6, 2019

With Whom Should You Trade? Three Steps To Win-Win Forbes, October 9, 2019

What's Your Value Proposition? Three Steps To Self-Branding Forbes, September 17, 2019

How Do You Measure Success? Three Steps to Self-Esteem Forbes, September 3, 2019

What's Your Purpose? Three Steps To Self-Creation Forbes, August 20, 2019

Human Dignity and the Principle of Trade Forbes, July 29, 2019

How To Share Power Without All The Drama Forbes, July 17, 2019

When Being Nice Is Not Kind Forbes, July 1, 2019

Why Upward Mobility Needs Markets, Not Just Gadgets Forbes, June 17 2019

Don't Wait For Permission To Lead Yourself Forbes, June 4 2019

Is Envy Killing Your Organization? Forbes, May 20 2019

Stop Counting Hours for Work-Life Balance Forbes, May 6 2019

Why Leaders Should Push Principles, Not Rules Forbes, April 23, 2019

Why Low Skilled Workers Will Win In The Robot Revolution, Forbes, January 16, 2019

Silicon Valley, Tear Down This Wall, Forbes, December 17, 2018

Don't Be Evil: Crisis Of Consciousness Puts Googliness At Stake Forbes, December 6, 2018

Why Amazon Runs Toward Government With HQ2 Forbes, November 15, 2018

Caravan to Nowhere: Five Fallacies That Stall Immigration Discourse, Forbes, November 12, 2018

California, Beware of Diversity Short-termism, Forbes, October 24, 2018

Users, Own Your Role in Facebook's Scandal, Forbes, April 20, 2018.

Make A New Year's Strategy, Not A Resolution Baltimore Sun, January 3, 2018.

Independence of thought vital to America, Baltimore Sun, July 4, 2017

6 Ways to Create an Empowering Environment, Time, May 1, 2017

America is pushing away immigrant talent, USA Today, May 1, 2017

Immigrants to the U.S. Create Jobs—Maybe Even Yours Forbes, February 13, 2017

Are you Intel, Google or Apple? Why your Origin Matters? Growthology, Kauffman Foundation, November 03, 2016

Film Incentives Benefit Out-of-Staters Baltimore Sun, October 10, 2017

Confessions of a silenced professor The Washington Post, October 4, 2016

Five Lessons from the Founding Flyer, Philly.com, April 15, 2016

Corporate America gets a makeunder at the movies, The Baltimore Sun, February 24, 2016

Why it's just all wrong to say 'bah humbug' about Facebook founder's philanthropy pledge The Washington Post, December 11, 2015

If Google is ready to rebrand, maybe you should too. Here's how. The Washington Post, September 9, 2015

Here's why, ethically, you should stop bashing business, The Washington Post, March 18, 2015

What went wrong at Netflix, The Baltimore Sun, November 3, 2011

WORKING PAPERS

Immigrant Entrepreneurship: The Effect of Early Career Immigration Constraints and Job-Education Match on Science and Engineering Workforce with Martin Ganco and Joe Raffiee

Pioneering Multi-Sided Digital Platforms: The Effect of Firm Characteristics and Platform Strategies on Pioneer Outcomes with Audra Wormald, Serguey Braguinsky and Sonali Shah

David Overshadows Goliath: Specializing in Generality for Internationalization in the Global Mobile Money Industry with Audra Wormald, Serguey Braguinsky and Sonali Shah

Who Forgoes Screening in Online Markets and When?: Evidence from Airbnb with Raveesh Mayya, Shun Ye and Siva Viswanathan

A time and a place: Non-profit Engagement in Market Creation and Industry Emergence with Sonali Shah and Steven Sonka

Flying High or Crashing Down: Pre-Entry Knowledge and the Distribution of Startup Performance with Seth Carnahan, Ben Campbell and Joonkyu Choi

Mapping (Radical) Technologies to Firm Capabilities: The Bionic Prosthetics Industry with Seojin Kim and Brent Goldfarb

Weathering a demand shock: Firm downstream (non-)integration and market exit with Najoung Lim and Seojin Kim

GRANTS

National Science Foundation Grant, 2020, \$475,000

Foundation for Food and Agriculture Security Grant, 2019, \$1,200,000

Center for Excellence in Higher Education Grant, 2019, \$400,000

Kauffman Foundation Grant, 2018, \$399,303

National Science Foundation Grant, 2018, \$363,000

Rockefeller Foundation Grant, 2018, \$221,000

Center for Excellence in Higher Education Grant, 2016, \$92,500

Rockefeller Foundation Grant, 2016, \$300,000

National Science Foundation Grant, 2015, \$228,114

Kauffman Foundation Grant, 2015, \$ 650,193

Kauffman Foundation Grant, 2015, \$90,000

Kauffman Foundation Grant, 2013, \$75,000

Kauffman Foundation Grant, 2013, \$36,500

National Science Foundation Grant, 2012, \$860,000

Kauffman Foundation Grant, 2011, \$38,500

Kauffman Foundation Grant, 2010, \$20,000

National Science Foundation, 2010, \$366,244

SDBC Grant, USDA, 2008, \$40,000

SDBC Grant, USDA, 2007, \$40,000

Kauffman Foundation Grant, 2007, \$20,000

CSREES Program, USDA, 2007, \$399,001

Kauffman Foundation Grant, 2006, \$20,000

Kauffman Foundation Grant, 2005, \$665,511

SDBC Grant, USDA, 2005, \$200,000

Kauffman Foundation Grant, 2005, \$20,000

SDBC Grant, USDA, 2004, \$200,000

Campus Research Board Grant, 2003, UIUC, \$10,225

College of Business Summer Grant, 2003, \$9,112

CIBER Grant, 2003, UIUC, \$3,000

Campus Research Board Grant, 2002, UIUC, \$10,795

Campus Research Board Grant, 2002, UIUC, \$8,975

CCBA Summer Grant, 2002, UIUC, \$1,612

Mellon Foundation Grant, 2001, \$375,000

Marketing Science Institute, 2000, \$10,100

CBA Summer In-House Research Award, 2000, UCF, \$13,588

CBA Summer In-House Research Grant 1999, UCF, \$6,566

Office of Sponsored Research Grant, 1999, UCF, \$7,500

CBA Summer In-House Research Grant 1998, UCF, \$5,705

CBA Summer In-House Research Grant 1997, UCF, \$5,555

CBA Summer In-House Research Grant 1996, UCF, \$5,222

Post-Doctoral Fellow, UB Foundation, 1994-95, \$10,000

Mark Diamond Research Fund, 1992, State University of New York at Buffalo, \$800

TEACHING

TEACHING FOCUS Strategy, Entrepreneurship, Innovation

TEACHING AWARDS

Distinguished Teaching Award, Smith School of Business, University of Maryland, 2018

Distinguished Scholar-Teacher Award, University of Maryland, 2017

Distinguished Teaching Award, Smith School of Business, University of Maryland, 2017

Legg-Mason Teaching Innovation Award, Smith School of Business, University of Maryland, 2016

Distinguished Teaching Award, Smith School of Business, University of Maryland, 2016

Graduate Mentor of the Year, Smith School of Business, University of Maryland, 2014

Distinguished Teaching Award, Smith School of Business, University of Maryland, 2014

Distinguished Teaching Award, Smith School of Business, University of Maryland, 2013

Graduate Mentor of the Year, University of Maryland, 2013

Distinguished Teaching Award, Smith School of Business, University of Maryland, 2012

Distinguished Teaching Award, Smith School of Business, University of Maryland, 2011

Outstanding Professor of the Year, 2010, [Executive MBA] University of Illinois

Teachers Ranked as Excellent, Spring 2010 University of Illinois

Teachers Ranked as Excellent, Spring 2009, University of Illinois

Outstanding Professor of the Year, 2008, [Executive MBA], University of Illinois

Teachers Ranked as Excellent, Spring 2008, [MBA], University of Illinois

Teachers Ranked as Excellent, Spring 2007, [Executive MBA], University of Illinois

Teachers Ranked as Excellent, Fall 2006, [Doctoral], University of Illinois

Teachers Ranked as Excellent, Spring 2006, [Undergraduate], University of Illinois

Teachers Ranked as Excellent, Fall 2005, [Executive MBA], University of Illinois

Teachers Ranked as Excellent, Spring 2005, [MBA], University of Illinois

CIBER Course Development Grant, 2006, University of Illinois

Faculty Fellow, Academy of Entrepreneurial Leadership, 2006, University of Illinois

Teachers Ranked as Excellent, Spring 2003 [MBA], University of Illinois

Provost Initiative for Teaching Advancement 2002, University of Illinois

Excellence in Graduate Teaching, 1999-2000, College of Business, UCF

Faculty Fellow, 1998-2000, Faculty Center for Teaching and Learning, UCF

TIP Award for Teaching Excellence, 1999, UCF

Davis Productivity Award, 1999, State of Florida, for demonstrated use of technology for increased productivity and cost-effectiveness in teaching

Galloway Award for Graduate Teaching, 1998, Economics, UCF

Distributed Learning Course Development Grant 1998, UCF, \$8,000

Davis Productivity Award, 1997, State of Florida for demonstrated increase in teaching productivity with Internet use in classes.

Galloway Award, 1997, CBA, UCF, for performance "over and above the call of duty" in research, teaching and service

Outstanding Graduate Professor Award, 1996, Graduate Business Student Association, UCF

Galloway Award, 1996, CBA, UCF, for performance "over and above the call of duty" in research, teaching and service

Who's Who among Students in American Universities and Colleges 1992 and 1993

Richard Manning Award for Teaching Excellence, 1991, SUNY-Buffalo

TEACHING EXPERIENCE

PhD courses: Entrepreneurship and Innovation, Economic Foundations of Strategy, Microeconomics for Business

Executive Education: Strategy, Strategic Innovation, Microeconomics for Executive MBAs, Corporate Strategic Management

MBA and Masters courses: Entrepreneurship in Technologically Dynamic Environments, Strategic Technology Management, Business Strategy (MBA core), Industrial Organization, Microeconomics (MBA core)

Undergraduate courses: Business Policy and Strategy, Industrial Organization, Principles of Microeconomics, Principles of Macroeconomics, Using the Internet for Business

TEXTUAL MATERIALS

"ADM in the 21st Century: Riding the Winds and the Waves of the Biofuels Industry"

"On-Line Study Materials for Principles of Microeconomics by G. Mankiw" Harcout Brace Publishers

"Instructor's Manual for Use of Web-site for Principles of Economics by G. Mankiw", Harcout Brace Publishers

PHD STUDENT DISSERTATIONS

Dingkun Ge (Committee member)

Jongwook Kim (Committee member)

Pao-Lien Chen (Chair)

Denisa Mindruta: Finalist, BPS Best Dissertation Award, 2010 (Chair)

Kumar Sarangee (Chair)

Martin Ganco: Winner, BPS Best Dissertation Award, 2011 (Chair)

Lihong Qian (Chair)

Qiang Li (Committee member)

Vivian Guo (Committee member)

Seth Carnahan (Chair)

Mahka Moeen (Chair)

Shweta Gaonkar (Chair)

Bryan Stroube (Committee member)

Robert Vesco (Co-chair)

Dan Olson (Co-chair)

Justin Frake (Co-chair)

Heejung Byun (Chair)

Seojin Kim (Co-chair)

Audra Meade Wormald (Co-chair)

Najoung Lim (Chair)

Ralph Anthony Gibbs (Co-chair)

SERVICE

ACADEMIC ORGANIZATIONS

President, CCC, 2013-Present

Member, SMS Diversity and Inclusion Special Committee, 2017-2018

Past Division Chair, Business Policy and Strategy Division, Academy of Management, 2014-15

Scientific Board, DRUID, 2014-Present

Mentor, Junior Faculty Development Camp, Dartmouth College, 2013-Present

Mentor, Wharton Emerging Scholars Workshop, 2013-Present

Division Chair, Business Policy and Strategy Division, Academy of Management, 2013-14

Co-organizer, CCC 2012-2013

Division Chair-Elect, Business Policy and Strategy Division, Academy of Management, 2012-13

Publications Committee, Informs, 2012-Present

Program Chair, Business Policy and Strategy Division, Academy of Management, 2011-12

Assistant Program Chair, Business Policy and Strategy Division, Academy of Management, 2010-11

Research Committee, Technology and Innovation Management Division, <u>Academy of Management</u>, 2007-2008

Program Chair, Strategy and Entrepreneurship Interest Group, Strategic Management Society, 2004-2007

Assistant to Program Chair, Business Policy and Strategy Division, Academy of Management, 2005-2006

Organizer and Mentor, Entrepreneurship and Strategy Junior Faculty Workshop, <u>Strategic Management Society Meetings</u>, Orlando, October 2005

Executive Committee, Business Policy and Strategy Division, Academy of Management, 2004-2006

Research Committee, Business Policy and Strategy Division, Academy of Management, 2003-2005

Associate Program Chair, Strategy and Entrepreneurship Interest Group, <u>Strategic Management Society</u>, 2003-2004

Steering Committee, Society of Entrepreneurship Scholars, 2003-2004

Member, Academy of Management (Business Policy and Strategy, Entrepreneurship, Technology and Innovation Management Divisions)

Member, American Economic Association

Member, Strategic Management Society

CONSULTING EXPERIENCE

NewDay USA, Member, Board of Advisors, 2017-Present

Thales Defense and Security, Inc. 2016

Department of Design and Construction, New York City, 2015

McCormick, 2015

Intelsat General Corporation, 2013

Harris Corporation, 2013

Morning Star 2012-13

McCormick, 2013

Ayn Rand Institute, 2004 – 2005; 2013

Wrigley, Inc., 2009-2011

Archer-Daniels-Midland, 2006

SVBK Consulting Co., January 1997

Prof. Edward Locke, University of Maryland January 96-January 97

Blue Cross/Blue Shield of New York, September 94 – July 95

Central Florida Consortium for Distance Learning Program, Spring 97

EDITORIAL SERVICE

Co Editor in Chief, Strategic Management Journal 2020- Present

Senior Editor, Organization Science, 2013-2019

Co Editor in Chief, Strategic Entrepreneurship Journal 2011- 2017

Associate Editor, Strategic Entrepreneurship Journal 2009-2011

Editor, Special Issue on Knowledge Spillovers and Strategic Entrepreneurship, Strategic Entrepreneurship Journal

Editor, Special Issue on Strategic Renewal, Organization Science

Editor, Economics and Entrepreneurship, SSRN, 2005-Present

Editorial Board Member, Academy of Management Journal, Academy of Management Review, Strategic Entrepreneurship Journal, Strategic Management Journal, Strategic Organization

Co-Editor, Handbook of Entrepreneurial Research, Vol 2: Disciplinary Foundations of Entrepreneurship (Sociology, Economics and Strategic Management)

AD-HOC REVIEWER

American Economic Review, Academy of Management Journal, Academy of Management Review, Academy of Management Meetings, Contemporary Economic Policy, Journal of Economic Education, Journal of Marketing Research, Journal of Economic Dynamics and Control, Kauffman Foundation, Management Science, National Science Foundation, Organization Science, Review of Economic Dynamics, Small Business Economics, Strategic Management Society Meetings, Strategic Management Journal

UNIVERSITY RELATED SERVICE

SERVICE AT UMD

University Level:

Director, Ed Snider Center for Enterprise and Markets, 2014-Present

Chair, Flagship 2020 Commission, 2015-2016

Search Committee for Associate Vice President of the Academy of Innovation and Entrepreneurship, 2012

ADVANCE initiative for inclusive excellence, 2010-present

President's Committee on the Center for Innovation and Entrepreneurship, 2011-12

College Level:

Faculty Council, 2016-2017

Dean's Search Committee, 2012-2013

Co-Chair: PhD Task Force, 2011-12

Advisory Board, Dingman Center for Entrepreneurship, 2010-Present

Department Level:

PhD Advisor, 2018-present

Member, Organization Behavior and Human Resources Search Committee, 2011-12

Chair, Strategy Search Committee 2010-11

Co-Chair, PhD Force, 2010-11

PhD Advisor, 2010-present

SERVICE AT UIUC

University Level:

Program Director, CEM (Certificate for Entrepreneurship and Management) for Life-Scientists, 2007-2010

Executive Committee Member, PSM (Professional Science Masters), 2008-2010

Advisor and Presenter, GAMES (Girls Adventures in Math, Engineering and Sciences) 2007-2010

Co-organizer, University of Illinois Regional FIRST LEGO Competition, 2007-2009

Provost Search Committee 2009

Co-chair, Institutional Entrepreneurship @ Illinois Provost Committee, 2007-2009

College of Business Dean Search Committee, 2007-2009

Academy of Entrepreneurial Leadership Advisory Board, 2005-2008

Graduate College Executive Committee, 2007-2008

Institute for Genomic Biology, Research and Teaching Initiatives, 2005-2010

College Level:

Search Committee, Associate Director for IBC, 2007-2008

Faculty Interactions related to Technology Initiatives, 2005-2006

Search Committee for Senior Director Position, Academy of Entrepreneurial Leadership, 2006

Sub-committee on Resource Initiatives for Strategic Plan, 2005-2006

Faculty Guide/Mentor for T&M program student trip to India, January 2006

Department Level:

Advisory Committee for Full Professor Promotion, 2008-present

Group Coordinator, Strategy, 2006-2008

Technology Management Search Chair, 2005-2006

Pro-seminar coordinator, Fall 2005

Advisory Committee, Department of Business Administration, 2003-2005

Graduate Studies Committee, 2002-2005

PhD coordinator, 2002-2005

Co-Chair of Search Committee on Technology and Entrepreneurship, 2004-2005

Search Committee for Endowed Chair in Technology Management, 2002-2004

Technology Management Track for MBA, 2002-2003

Proseminar coordinator, 2001-2003

SERVICE AT UCF

University Level:

Graduate Teaching Orientation Planning, Summer 1999

Advisory Board, Faculty Center for Teaching and Learning, 1998-2000

Facilitated workshop on "Active Learning Techniques" at Summer Faculty Development Institute, 2000

Facilitated workshop on "Use of Learning by Objective Model for On-line Teaching" at Summer Faculty Development Institute, 2000

Facilitated workshop on "Implementation Strategies for WebCT" at Summer Faculty Development Institute, 2000

Delivered seminar on "Research OR Teaching: A False Dichotomy" at Summer Faculty Development Institute, 1999

Delivered talk on Faculty Use of the WWW through Instructional Resources, UCF, Spring 1997

College Level:

Masters Program Review Committee, Spring 2000-Spring 2001

Accounting Economics Finance Seminar Series Committee, Fall 1996 – Spring 2001

Technology Advisory Committee, Spring 96- Spring 97

Institutional Effectiveness Committee Fall 96-Spring 97

Web-site Development, College of Business, Fall 96-Spring 97

Department Level:

Founder and Coordinator, Faculty Research Working Paper Series in Fall 1996 – Spring 2001

Founder and Coordinator, Brown Bag Seminar Series in Economics, Fall 1997 - Spring 2001

Co-chair of Recruiting Committee, 1997-1998, and member each year in 1995-2000

Webmaster Fall 1995- Spring 2001.

Software Review Committee, Fall 1996- Spring 2001

Journal Categorization Committee, Fall 1998-Spring 1999

Ph.D Ad-hoc Committee, Fall 1997- Spring 1998

MAAE Comprehensive Exam Committee, Fall 1995- Spring 1998

Research Methods Committee, Fall 1995- Spring 1996