ANANT MISHRA

Supply Chain and Operations
Carlson School of Management
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Education

University of Minnesota, Minneapolis, Minnesota **2009**
Carlson School of Management
Ph.D. in Operations Management

Dissertation Title: *Essays on Global Sourcing of Technology Projects*
Winner: 2010 INFORMS Technology Management Section Dissertation Competition

University of Minnesota, Minneapolis, Minnesota **2009**
School of Statistics
M.S. in Statistics

Indian Institute of Technology (IIT), Roorkee, India **2001**
B.Tech in Industrial Engineering

Employment History

University of Minnesota, Minneapolis, Minnesota **2018 – Present**
Carlson School of Management, Supply Chain and Operations
Associate Professor (with Tenure)

George Mason University, Fairfax, Virginia **2010 –2018**
School of Business, Information Systems and Operations Management
Associate Professor (with Tenure)
Assistant Professor

University of St. Thomas, Minneapolis, Minnesota **2009 –2010**
Opus College of Business, Department of Decision Sciences
Assistant Professor

Tata Consultancy Services, Kolkata, India **2001 –2003**
Assistant Systems Engineer

Awards and Honors

- Dean's Scholar (2017-2019) for Extraordinary Contributions to Research, Teaching and Service
- 2016 Wickham Skinner Award for Best Published Paper in Production & Operations Management
- Outstanding Faculty, MBA Class of 2015, George Mason University School of Business
- Carlson Global Institute, Wells Fargo Foundation Sustainability Grant (Grant Amount: $35,000)
- POMS Applied Research Challenge 2014, Finalist, Production and Operations Management Society
- George Mason University, School of Business, Summer Funding 2013, 2014, 2015
- INFORMS Technology Management Section Best Dissertation Award 2010, Winner
- Decision Sciences Institute's Elwood Buffa Dissertation Competition 2010, Honorable Mention
- Outstanding PhD Student Teaching Award 2009, University of Minnesota

- Carlson School Dissertation Fellowship, 2007-2008
- Doctoral Award Finalist, Joseph Juran Center for Research in Quality, 2004

Research Interests

Global Supply Chains, Project Management, Innovation Contests, Public Sector Operations, Emerging Markets

Published Papers

[1] Menon, N., **A. Mishra**, S. Ye. (Forthcoming). Experience Breadth and Problem-Solving in Crowdsourcing Contests: An Empirical Investigation. *Manufacturing & Service Operations Management.*

[2] Adbi, A., C. Chatterjee, M. Drev, **A. Mishra**. (Forthcoming). When the Big One Came: A Natural Experiment on Demand Shocks and Market Structure in India's Influenza Vaccine Markets. *Production & Operations Management*.

[3] Liu, X., **A. Mishra**, S. Goldstein, K. K. Sinha. (Forthcoming). Toward Improving Factory Working Conditions in Developing Countries: An Empirical Analysis of Bangladesh Ready-Made Garment Factories. *Manufacturing & Service Operations Management*.

[4] **Mishra, A**., K. K. Sinha., S. Thirumalai. 2017. Project Quality: The Achilles Heel of Internationally Traded Technology Projects? *IEEE Transactions on Engineering Management* 64(3) 272-286. (Lead Article).

[5] Bockstedt, J., C. Druehl, **A. Mishra**. 2016. Heterogeneous Submission Behavior and its Implications for Winning in Unblind Online Innovation Contests. *Production & Operations Management* 25(7) 1157-1176. (Lead Article).

[6] **Mishra, A.**, S. Das, J. Murray. 2016. Risk, Process Maturity, and Project Performance: An Empirical Analysis of US Federal Government Technology Projects. *Production & Operations Management* 25(2) 210-232.

[7] **Mishra, A.**, K. K. Sinha. 2015. Work Design and Integration Glitches in Globally Distributed Technology Projects. *Production & Operations Management* 25(2) 347-369.

[8] **Mishra, A.**, A. MacCormack. 2015. Managing the Performance Tradeoffs from Partner Integration: Implications of Contract Choice in R&D Projects. *Production & Operations Management* 24(10) 1552-1569.

[9] Bockstedt, J., C. Druehl, **A. Mishra**. 2015. Problem-solving Effort and Success in Innovation Contests: The Role of National Wealth and National Culture. *Journal of Operations Management* 36 187-200.

[10] **Mishra, A**., A. Chandrasekaran, A, MacCormack. 2015. Collaboration in Multi-Partner R&D Projects: The Impact of Scale and Scope. *Journal of Operations Management* 33-34 1-14.

[11] Chandrasekaran, A., **A. Mishra**. 2012. Structure, Context, and Psychological Safety: An Empirical Analysis of R&D Projects in High Technology Organizations. *Production & Operations Management* 21(6) 977-996. (Lead Article).

[12] Verma, D., **A. Mishra**, K. K. Sinha. 2011. The Development and Application of a Process Model for R&D Project Management in a High Technology Firm: A Field Study. *Journal of Operations Management* 29(5) 462-476.

[13] **Mishra, A**., R Shah. 2009. In Union Lies Strength: Collaborative Competence in New Product Development and its Performance Effects. *Journal of Operations Management* 27(4) 324-338.

Select Working Papers/Work-in-Progress

[14] **Mishra, A**., K. K. Sinha., S. Thirumalai, A. Van de Ven. Sourcing Structure and the Execution of Technology Projects: A Comparative Evaluation of Project Efficiency. Invited for 4th round of review at *Journal of Operations Management*.

[15] **Mishra, A**., D. Roy, K. K. Sinha. Taxing the Taxpayers: An Empirical Study on Rebaselining in U.S. Federal Government Technology Programs. Invited for resubmission at *Manufacturing & Service Operations Management*.

[16] Adbi, A., **A. Mishra**, C. Chatterjee. Regional Heterogeneity in the Impact of Pandemic Shock on Foreign Firms Market Share: Evidence from a Natural Experiment. Under review at *Management Science*.

[17] Adbi, A., X. Liu, **A. Mishra.** The Firm Productivity Implications of Technology Licensing: Evidence from Developing Economy Manufacturing Firms. Under review at *Strategic Management Journa*l.

[18] Bockstedt, J., C. Druehl, **A. Mishra**. Incentives, Top-level Contestants, and Competition in Online Innovation Contests.

[19] D. Roy, **A. Mishra**., K. K. Sinha. Set Asides for Small Businesses in Public Sector Procurement: Evidence from U.S. Federal Government R&D Contracts.

[20] Adbi, A., C. Chatterjee, **A. Mishra**. Embeddedness and prices in buyer-seller transactions: Evidence from pharmaceutical procurement of a hospital chain.

Technical Reports/Other Publications

- **Mishra, A.**, S. Das, J. Murray. 2015. Managing Risks in Federal Government Information Technology Projects. Does Process Maturity Matter? (Extended Abstract, POMS Applied Research Finalist). *Production & Operations Management* 24(3) 65-68.

- Cooper, W., J. Lenz, **A. Mishra**. 2008. Offshoring EMS and the Barrier of Test-in-Reliability. Society of Automobile Engineers (SAE) Technical Report.

- Lenz, J., R. Landman, **A. Mishra**. 2007. Customized Software in Distributed Embedded Systems: ISOBUS and the Coming Revolution in Agriculture, (with J. Lenz and R. Landman). *Agricultural Engineering International: the CIGR Ejournal. Manuscript ATOE. Vol. IX. July, 2007*.

- **Mishra, A**., K. K. Sinha. 2007. Managing Distributed Technology Projects: Within and Between Firms, and National Boundaries – A 2007 Survey of Information Technology and Product Development Projects (with K. K. Sinha).

Invited Seminars and Workshop Presentations

- Indian School of Business-POMS Workshop (December 2018)
- University of Minnesota (February 2018)
- Penn State (February 2018)
- University of Notre Dame (August 2017)
- University of Utah, Product-Service Innovation Conference (February 2017)
- University of South Carolina (January 2017)
- Indian School of Business-POMS Workshop (December 2016)
- University of Illinois at Urbana Champaign (November 2016)
- George Washington University (October 2016)
- George Mason University, Innovation and Entrepreneurship Brown Bag Series (April 2016)
- Texas Christian University (June 2015)
- Darden & Judge Entrepreneurship and Innovation Research Conference (May 2013)
- University of Utah, Product-Service Innovation Conference (February 2012)
- George Mason University (February 2010)
- McGill University (February 2009)
- University of St. Thomas (January 2009)
- Erasmus University (June 2008)
- University of Cambridge (May 2008)
- George Mason University (February 2008)
- University of Wisconsin at Madison (February 2008)
- George Washington University (January 2008)
- The Ohio State University (January 2008)
- Georgia Tech (January 2008)
- Emory University (January 2008)
- University of Minnesota (January 2008)
- Project Management Institute (PMI) Innovation and NPD Webinar Series 2013
- Academy of Management PDW Workshop (2009)
- Project Management Institute (PMI) Conference, 2008, Minneapolis

Conference Presentations

The Firm Productivity Implications of Technology Licensing: Evidence from Developing Economy Manufacturing Firms.

POMS Annual Meeting (2018)
INFORMS Annual Meeting (2018)

Upstream versus Downstream Experience in Crowdsourcing Platforms: An Empirical Investigation

POMS Annual Meeting (2017)
INFORMS Annual Meeting (2017, 2016)

Toward Improving Factory Working Conditions in Developing Countries: An Empirical Analysis of Bangladesh Ready-Made Garment Factories

POMS-Indian School of Business Workshop (2016)
POMS Annual Meeting (2016)

Incentives and Competition in Unblind Innovation Contests

INFORMS Annual Meeting (2017)
POMS Annual Meeting (2014)

Managing Risks in Federal Government IT Projects: Does Process Maturity Matter?
POMS Applied Research Finalist Presentation (2014)
INFORMS Annual Meeting (2013, 2011)

Prize Amount and Entry Behavior in Innovation Contests
INFORMS Annual Meeting (2013, 2012)

The Architecture of Multi-partner Alliances in R&D Projects: Scale, Ambidexterity and Integration
POMS Annual Meeting (2012, 2011)
INFORMS Annual Meeting (2012)

Heterogeneous Entry Behavior and its Implications for Winning in Unblind Innovation Contests
POMS Annual Meeting (2012)
University of Utah Product-Service Innovation Conference (2012)
INFORMS Annual Meeting (2011)

Managing Client-Vendor Conflict in Distributed Project Organizations
POMS Annual Meeting (2011)
INFORMS Annual Meeting (2010, 2009)

Efficiency of Projects Within and Across Firm and Country Boundaries: A Comparative Evaluation Using Stochastic Frontier Analysis
INFORMS Annual Meeting (2010)
POMS Annual Meeting (2009)

Managing Partnered Product Development Projects: The Impact of Contract Choice and Partner Integration Levels on Cost and Quality
POMS Annual Meeting (2010)

Team Design, Work Design, and Psychological Safety: An Empirical Analysis of R&D Projects
POMS Annual Meeting (2010)
DSI Annual Meeting (2010)

An Empirical Analysis of Product Integration in Distributed Technology Projects: The Impact of Design- Interface Misalignment on Project Performance
POMS Annual Meeting (2008, 2007)
INFORMS Annual Meeting (2007)
Academy of Management Annual Meeting (2007)

An Empirical Analysis of Distributed Organization of Technology Projects: Within and Between Firm and Country Boundaries
POMS Annual Meeting (2007)
INFORMS Annual Meeting (2007, 2006)
Academy of Management Conference (2007, 2006)

Boundary Spanning Competence in New Product Development: A Complementarities Perspective
Academy of Management Conference (2006)
POMS Annual Meeting (2005)

Teaching Interests

Supply Chain Management, Project Management, Business Analytics, Empirical Methods

Teaching Experience

Carlson School of Management, University of Minnesota

Graduate Level

SCO 6041: Project Management

- Fall 2018: Average Instructor Rating 5.77/6 (Number of Respondents = 14)

Undergraduate Level

SCO 3072: Managing Technologies in Supply Chains

- Fall 2018: Average Instructor Rating 5.6/6 (Number of Respondents = 42)

School of Business, George Mason University

Executive Level

EMBA 638: Services and Operations Management (Online Delivery)

- Fall 2014: Average Instructor Rating = 4.6/5 (Number of Respondents = 17)
- Fall 2013: Average Instructor Rating = 5/5 (Number of Respondents = 10)
- Summer 2013: Average Instructor Rating = 4.8/5 (Number of Respondents = 19)

TECM 704: Managing Technology Projects and Portfolios

- Fall 2017: Average Instruction Rating = 4.4/5 (Number of Respondents = 19)
- Fall 2016: Average Instructor Rating = 4.3/5 (Number of Respondents = 15)
- Fall 2015: Average Instructor Rating = 4.9/5 (Number of Respondents = 24)

Graduate Level

MBA 712: Project Management

- Spring 2015: Average Instructor Rating = 4.7/5 (Number of Respondents = 34)
- Spring 2017: Average Instructor Rating (two sections) = 4.6/5 (Number of Respondents = 44)
- Spring 2016: Average Instructor Rating (two sections) = 4.5/5 (Number of Respondents = 40)
- Spring 2015: Average Instructor Rating = 4.7/5 (Number of Respondents = 41)
- Fall 2014: Average Instructor Rating = 4.6/5 (Number of Respondents = 22)
- Fall 2013: Average Instructor Rating = 4.5/5 (Number of Respondents = 21)
- Spring 2013: Average Instructor Rating = 4.8/5 (Number of Respondents = 13)
- Fall 2012: Average Instructor Rating = 3.7/5 (Number of Respondents = 41)

MSM 695: Global Business Perspectives (Residency to Brazil)

- Spring 2016: Average Instructor Rating = 4.9/5 (Number of Respondents = 32)

Undergraduate Level

OM 493: Project Management

- Fall 2016: Average Instructor Rating (two sections) = 4.9/5 (Number of Respondents = 65)
- Fall 2016: Average Instructor Rating = 4.8/5 (Number of Respondents = 29)
- Fall 2015: Average Instructor Rating (two sections) = 4.7/5 (Number of Respondents = 66)
- Summer 2015: Average Instructor Rating = 4.7/5 (Number of Respondents = 31)
- Spring 2015: Average Instructor Rating = 4.6/5 (Number of Respondents = 32)
- Fall 2014: Average Instructor Rating = 4.7/5 (Number of Respondents = 33)
- Fall 2013: Average Instructor Rating = 4.6/5 (Number of Respondents = 21)

- Spring 2013: Average Instructor Rating = 4.8/5 (Number of Respondents = 18)
- Fall 2012: Average Instructor Rating = 4.8/5 (Number of Respondents = 29)
- Spring 2012: Average Instructor Rating (two sections) = 4.7/5 (Number of Respondents = 58)
- Fall 2011: Average Instructor Rating (two sections) = 4.7/5 (Number of Respondents = 39)

OM 301: Operations Management
- Spring 2011: Average Instructor Rating (two sections): 4.8/5 (Number of Respondents = 53)
- Fall 2010: Average Instructor Rating (two sections): 4.9/5 (Number of Respondents = 53)

Opus College of Business, University of St. Thomas

Undergraduate Level

Operations Management
- Spring 2010: Average Instructor Rating (three sections): 4.8/5 (Number of Respondents = 55)
- Fall 2009: Average Instructor Rating (two sections): 4.3/5 (Number of Respondents = 38)

Carlson School of Management, University of Minnesota

Undergraduate Level

OMS 2550: Business Statistics
- Fall 2008, Instructor Rating: 5.54/6 (Number of Respondents = 85)
- Spring 2006, Instructor Rating: 5.8/7 (Number of Respondents = 62)

Service

Service to SCO Department and Carlson School of Management, University of Minnesota

- Chair, SCO Tenure Track Recruiting Committee (2018-2019)
- Member of Department Committee, Tenure and Promotion Case (2018-2019)
- Member, School-wide Analytics Working Group Committee

Service to the Profession

- President, POMS College of Product Innovation and Technology Management (2016-2018)
- Associate Editor, Technology Management, Journal of Operations Management (2015-present)
- Associate Editor, Product and Process Innovation, Decision Sciences Journal (2017-present)
- Conference Chair: POMS Product Innovation & Technology Management Mini-conference (2017, 2015); Committee Member for 2013 Mini-conference
- Track Chair, Product Innovation & Technology Management, 2017 POMS International Conference, Tel-Aviv, Israel.
- Track Chair, Product Innovation & Technology Management, 2015, POMS Annual Meeting
- Track Chair, Innovation Track, 2014 Decision Sciences Institute Annual Meeting
- Session Chair, Technology Management and New Product Development, 2011 and 2014, POMS Annual Meeting
- Session Chair, Technology Management and New Product Development, 2010-2013, INFORMS Annual Meeting
- Ad Hoc Reviewer for: *Management Science, Manufacturing and Service Operations Management, Production and Operations Management, Journal of Operations Management, MIS Quarterly, Information Systems Research, California Management Review, IEEE Transactions on Engineering Management, Decision Sciences, INFORMS Technology Management Section Dissertation Competition, POMS PITM Student Paper Competition, POMS Supply Chain Student Paper Competition, ICIS Conference, Academy of Management Conference*

Prior Service Roles [George Mason University]

- Chair, OM Tenure Track Recruiting Committee (2018)
- Member of Undergraduate Policy Committee (2016 – 2018)
- Member of Graduate Program Admissions Committee (2015 – 2018)
- ISOM Representative for Destination Mason Undergraduate Admitted Student Event. 2013-2015
- School of Business Undergraduate Education Working Group Committee, 2013-2014
- Faculty Coordinator for Project Management. 2013-2015:
- Faculty Advisor for developing proposal for Project Management Certificate Program, 2012-2013
- Member of ISOM Area Recruiting Committee 2013, 2012, 2011
- Organizer of ISOM Seminar Series, 2011-2012

Last updated: 03/18/2019