

Dwaipayan Roy

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ACADEMIC EMPLOYMENT

University of Virginia Darden School of Business From 2021
Assistant Professor of Business Administration
Area: Technology & Operations Management (TOM)

EDUCATION

University of Minnesota Twin Cities 2021
Ph.D. in Supply Chain and Operations

Indian Institute of Technology (IIT) Madras 2012
Master of Business Administration

National Institute of Technology Kurukshetra 2009
Bachelor of Technology in Electrical Engineering

RESEARCH AND TEACHING EXPERTISE

Research: Supply Chain Management, Government Contracting, Public Health Supply Chains

Teaching: Operations Management, Strategic Sourcing, Inventory Management, Queuing

INDUSTRY EXPERIENCE

The Royal Bank of Scotland 2012 - 2015
Project Manager, Technology & Process Management

WNS Global Services 2010
Junior Research Analyst, IT & Telecommunications

Isolux Corsan India Private Limited 2009
Graduate Engineer Trainee, Electrical Engineering

AWARDS AND HONORS

Darden Faculty Diversity Award 2025
Voted by residential MBA Class of 2025

Last Lecture 2025
Voted by Section E, residential MBA Class of 2025

Journal of Operations Management Reviewer Service Award 2025
Honorable Mention

Best Paper Proceedings, Academy of Management 2023
Top 10% submissions in Diversity, Equity & Inclusion (DEI) division

Dorothy Harlow/McGraw Hill Best Paper Award Nominee 2023
Nominated by DEI division, Academy of Management

Eli Broad College Summer Research Grant 2023
\$14,800 USD with Li Cheng & Sriram Narayanan

INFORMS Diversity, Equity and Inclusion Ambassador 2023
\$5,000 USD with Priyank Arora

Darden Outstanding Faculty Award Nominee 2022
Nominated by residential MBA class of 2022

INFORMS TIMES Paper of the Month 2022
Joint with Anant Mishra & Kingshuk Sinha

Robert F Bruner Fund for Faculty Excellence 2021

\$15,000 USD for three years

INFORMS Diversity, Equity and Inclusion Ambassador 2020
\$5,000 USD with Alison Murphy

Carlson School PhD Dissertation Fellowship 2020
\$25,000 USD with full tuition waiver

Carlson School PhD Student Teaching Excellence Award 2019
Exceptional teaching performance as a PhD student

Kristy Cua Doctoral Student Award 2018
\$500 USD for exceptional research progress as a PhD student

PEER-REVIEWED ACADEMIC PUBLICATIONS

1. Cheng, J. Y. J., & **Roy, D.** (2025). [The Impact of Young and Women Directors on Advancing LGBT-inclusive Health Benefits in US Firms](#). *Nature Scientific Reports*, 15(1), 17923.
 - Best Paper Proceedings: Academy of Management (AoM) Annual Meeting, 2023
 - Nominee: Dorothy Harlow/McGraw Hill Best Paper Award, AoM 2023
2. Karimi, A., & **Roy, D.** (2025). [Procurement for Empowerment: The Impact of Female Decision-makers in Reproductive Health Supply Chains](#). *Production and Operations Management*, 34(4), 777-793.
3. **Roy, D.**, Mishra, A., & Sinha, K. K. (2024). [Advancing Small Business Inclusion in Public Procurement: Evidence From US Federal Government R&D Contracts](#). *Production and Operations Management*, 33(11), 2201-2220.
 - Invited presentation: Equity in Procurement Inter-agency Policy Committee
 - Invited presentation: US Small Business Administration Procurement Advisory Council
4. Parker, C., & **Roy, D.** (2024). [A Granular Examination of Gender and Racial Disparities in Federal Procurement](#). *Data & Policy*, 6, e25.
 - Invited presentation: US Small Business Administration Evidence and Evaluation Committee of Practice
5. **Roy, D.**, Mishra, A., & Sinha, K. K. (2022). [Taxing the Taxpayers: An Empirical Investigation of the Drivers of Baseline Changes in US Federal Government Technology Programs](#). *Manufacturing & Service Operations Management*, 24(1), 370-391.
 - INFORMS TIMES Paper of the Month, February 2022

WORKING PAPERS

1. Cheng, L., Narayanan, S. & **Roy, D.** Embracing Paradox and Navigating Supply Chain Complexity: An Embedded Case Research of Location-Based Supplier Diversity Programs. Major revision at *Production & Operations Management*.
2. Karimi, A., & **Roy, D.** Publicly Elected Leaders and Contraceptive Uptake in the Public Sector: Evidence from India. Preparing for submission to *Manufacturing & Service Operations Management*.
3. Parker, C., & **Roy, D.** Encouraging Veteran-Owned Small Business Participation in Federal Contracts: The Differential Impact of the Set-Aside Program. Major revision at *Manufacturing & Service Operations Management*.
4. **Roy, D.**, & Tang, Y. Gender and Racial Gaps in Federal Procurement for Veteran-Owned Small Businesses. Preparing for submission.

MANAGERIAL PUBLICATIONS

1. Karimi, A., **Roy, D.**, & Block, S. [Advancing Reproductive Health Through Female Representation](#). *Stanford Social Innovation Review*, Fall 2025 Print Issue.

- Cheng, J. Y. J., & **Roy, D.** [To Build Resilience, CEOs need to become Supply-Chain Experts.](#) *Harvard Business Review* (digital article), September 12, 2024.
 - Excerpt “CEOs with Supply Chain Mastery on the Rise” featured in January 2025 issue of HBR print magazine.
- Parker, C., & **Roy, D.** [Building a Supplier Diversity Program? Learn from the US Federal Government.](#) *Harvard Business Review*, February 9, 2024.

OTHER PUBLICATIONS

- Bhandawat, R., Bjarnadóttir, M., Capan, M., Johnson, M., Martonosi, S., Proano, R., **Roy, D.**, Vogiatzis, C., & Zhang, S. [Teaching Strategies and Tools to Reduce Accessibility Barriers in OR/MS Classrooms.](#) *INFORMS ORMS Today*, June 24, 2024.
- Arora, P., Dutta, P., Murphy, A., Perini, T., & **Roy, D.** [To Build Resilience, CEOs need to become Supply-Chain Experts.](#) *INFORMS ORMS Today*, June 20, 2023.
- Murphy, A., & **Roy, D.** [Queer Questions: LGBTQIA+ Issues Through the Lens of OR/MS Scholars.](#) *INFORMS ORMS Today*, June 3, 2021.

TEACHING EXPERIENCE

University of Virginia Darden School of Business

Introduction to Operations Management (First-year residential MBA core, rated out of 5)

- 2025: Instructor effectiveness: **4.84**; Course value: **4.63** (55 students, Section C)
- 2025: Instructor effectiveness: **4.80**; Course value: **4.44** (51 students, Section E)
- 2024: Instructor effectiveness: **4.88**; Course value: **4.49** (70 students, Section E)
- 2024: Instructor effectiveness: **4.61**; Course value: **4.22** (69 students, Section C)
- 2023: Instructor effectiveness: **4.73**; Course value: **4.64** (69 students, Section D)
- 2023: Instructor effectiveness: **4.91**; Course value: **4.65** (68 students, Section C)
- 2022: Instructor effectiveness: **4.27**; Course value: **4.20** (69 students, Section D)
- 2022: Instructor effectiveness: **4.80**; Course value: **4.54** (70 students, Section D)
- 2021: Instructor effectiveness: **4.54**; Course value: **4.02** (70 students, Section D)

Strategic Sourcing (Second-year residential MBA elective, rated out of 5)

- 2025: Instructor effectiveness: **5.00**; Course value: **4.87** (48 students)
- 2024: Instructor effectiveness: **4.96**; Course value: **4.92** (49 students)
- 2023: Instructor effectiveness: **4.97**; Course value: **4.72** (63 students)

Carlson School of Management, University of Minnesota Twin Cities

Introduction to Operations Management (Undergraduate business core, rated out of 6)

- 2019: Instructor effectiveness: **5.88**; Course value: **5.67** (66 students)

PEDAGOGICAL MATERIALS

- [Simple Modern: Coming Home to “the Farm”](#) (with Trent Chinnaswamy, Chris Parker, Doug Thomas). *Darden Business Publishing* UVA-OM-1840 (with teaching note).
- [Supplier Diversity in the City of Portland](#) (with Juhi Amodwala). *Darden Business Publishing* UVA-OM-1793 (with teaching note).
- [DonorsChoose: Enhancing America’s Classrooms with Small Diverse Businesses](#) (with Vashti Baran). *Darden Business Publishing* UVA-OM-1786 (with teaching note).
- [Children’s HeartLink: Reducing Health Care Disparities](#) (with Gerry Yemen). *Darden Business Publishing*, UVA-OM-1770.

5. [An Introduction to Supplier Diversity](#). *Darden Business Publishing*, UVA-OM-1760 (Technical Note).

MEDIA COVERAGE

1. [Digital Supply Chain Leadership: The New Path to the C-Suite](#). *London Metropolitan University*, May 8, 2025.
2. [National Women’s Business Council Initial Findings Report](#). *Library of Congress Federal Research Division*, December 2024.
3. [Firms Led by CEOs with Supply-Chain-Management Experience Recorded Stronger Financial Performance Through Covid-19](#). *Supply Chain Planning*, December 16, 2024.
4. [Call for CEO’s to be Grounded in Supply Chain Leadership](#). *Supply Chain Matters*, September 20, 2024.
5. [The Challenge Initiative: Expanding Access to Family Planning](#). *UVA Darden Ideas to Action*, August 16, 2024.
6. [Leadership for Health: How Women in Power Make a Difference](#). *The Darden Report*, July 19, 2024.
7. [New Darden Research Uncovers Disparities in Federal STEM-Related Contracts](#). *The Darden Report*, April 10, 2024.
8. [DEI Task Force Update](#). *Gibson Dunn*, February 28, 2024.
9. [One Way Government Agencies Can Stop Wasting Taxpayer Money](#). *Discovery at Carlson*, May 4, 2022.
10. [Sometimes it takes an Academic Eye to Spot the Flaws in a Practical System, like Federal IT Acquisition](#). *Federal News Network*, June 10, 2021.
11. [Budget busting and Balancing for the U.S. Government](#). *INFORMS Resoundingly Podcast*, June 4, 2021.

INVITED RESEARCH SEMINARS

College of Business & Management, VinUniversity	2025
Erasmus University, Rotterdam School of Management	2025
US Federal Government, Equity in Procurement Interagency Policy Committee	2024
US SBA, Small Business Procurement Advisory Council	2024
US SBA, Evidence and Evaluation Community of Practice	2024
IIM Ahmedabad, Center for Transportation and Logistics	2024
Kuehne Logistics University	2024
McGill University, Desautels School of Management	2024
Southern Illinois University—Edwardsville, College of Business and Analytics	2021
York University, Schulich School of Business	2021
Niagara University, College of Business	2021
Loyola Marymount University—Los Angeles, College of Business	2021
Erasmus University, Rotterdam School of Management	2021
University of Virginia, Darden School of Business	2021
Nova School of Business and Economics, Operations & Information Systems Dept	2021
TU Eindhoven, Operations Planning Accounting & Control Group	2021
Colorado State University—Fort Collins, College of Business	2021
Indian School of Business	2020
University of Notre Dame, Mendoza College of Business	2020
Michigan State University, Broad College of Business	2020

CONFERENCE AND WORKSHOP PRESENTATIONS

ISB-POMS Workshop	2018, 2025
POMS Annual Conference	2017, 2018, 2019, 2021, 2024, 2025, 2026
EurOMA Annual Conference	2025
IPSERA Annual Conference	2025

Early-Career Sustainable OM Workshop	2023, 2024
EurOMA Sustainability Forum	2024
INFORMS Healthcare Conference	2023
Alliance for Research on Corporate Sustainability Workshop	2023
Industry Studies Association Conference	2023
AoM Annual Meeting	2017, 2023
INFORMS Annual Conference	2018, 2019, 2021, 2022, 2023
DSI Annual Conference	2021, 2022, 2023
Andy Van de Ven Memorial Inaugural Conference	2022
Applied Economics Workshop, Carlson School of Management	2019
INFORMS MSOM Conference	2018

SERVICE

Editorial Board

Editorial Review Board Member, Journal of Operations Management From 2023

Adhoc Reviewer

Management Science, Production & Operations Management Journal, Journal of Operations Management, Management Information Systems Quarterly, INFORMS Transactions on Education

Conference Track Chair/Co-Chair

Inclusive Operations and Supply Chains, DSI	2026
Inclusive Operations, DSI	2025
POM & Community, POMS	2025
Diversity, Equity and Inclusion, DSI	2024
Diversity, Equity and Inclusion (Inaugural Track), POM	2024

Invited Panelist

Doctoral Colloquium, POMS Conference	2026
Practice Leaders Forum on Advancing Supplier Diversity, POMS Conference	2024
DEI Research Opportunities in ORMS, INFORMS Conference	2023
DEI in Academia, DSI Conference	2023
POMS PhD Job Search Seminar	2023
Pride Panel Discussion, Darden School of Business	2023
POMS PhD Job Search Seminar	2022
INFORMS Dialogues on LGBTQ+ Issues	2021
PhD Job Market, Carlson School of Management	2021

Panel Moderator

Celebrating the Special Issue of POM on DEI, POMS Conference	2025
Advancing Practitioner-focused DEI Research in Academia, POMS Conference	2024
Promoting DEI research in ORMS, INFORMS DEI Committee	2022

Session Organizer/Co-organizer

Host, INFORMS Pride Forum Zoom Kickoff Event	2023
Co-organizer, INFORMS DEI Webinar Series	2021

Competition Judging

Elwood S. Buffa Doctoral Dissertation Competition	2026
DSI Doctoral Best Student Paper Award	2025
Erasmus Research Institute of Management Top Paper Award	2025
Product, Innovation & Technology Management Best Student Paper Competition	2025
College of Sustainable Operations Student Paper Competition	2025

Committee Membership

Dana Clyman Seminar Series, Darden School of Business	From 2025
President, INFORMS Pride Forum	2025 - 2027
Founding Vice-President, INFORMS Pride Forum	2023 - 2025
TOM Faculty Search, Darden School of Business	2022, 2025
Daniels Family Scholarship, Darden School of Business	2022
INFORMS DEI	2021 - 2023

STUDENT SUPERVISION

MBA Students at Darden School of Business (Independent Study)

Christina Zhu	2025
Mayank Bablani, Victory Partners	2025
Sydney Block, Bain & Company	2024
Josh Dragnett, Bain & Company	2024
Anhad Soin, Bain & Company	2024
Juhi Amodwala, Thoughtful AI	2023
Vashti Barran, Deloitte Consulting	2023

PROFESSIONAL CERTIFICATIONS

Six Sigma Green Belt
ISO 9001:2008 Quality Management System Lead Auditor