

Abhinav Shubham

Ph.D. Student · Operations Management

Scheller College of Business, Georgia Institute of Technology

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Education

Georgia Institute of Technology

Exp. 2025

Ph.D. in Operations Management

- **Dissertation Title:** Disparities in Environmental Impacts and Occupational Hazards from Facility Operations
- **Committee:** Dr. Ravi Subramanian (Advisor), Dr. Manpreet Hora, Dr. Basak Kalkanci, Dr. Vinod Singhal
- **Research Interests:** Sustainable and Socially Responsible Operations, Empirical Methods, Social Equity and Fairness

Temple University

2018

M.S. in Business Analytics

- **Graduate Research Assistant**
- **Mentor:** Dr. Subodha Kumar

Embry-Riddle Aeronautical University

2017

B.S. in Aeronautics

Manipal Institute of Technology

2014

B.E. in Aeronautical Engineering

Research

Articles Under Revision or Review

Playing Fair? Environmental Impacts and Practices of Facilities in Minority Communities (with Ravi Subramanian). *Major Revision at MSOM.*

- Presented at MSOM 2024 Sustainable Operations SIG
- Finalist, 2023 POMS College of Sustainable Operations Best Student Paper Award Competition

Working Papers

An Empirical Investigation of Establishment-Level Operations and Occupational Hazards in Minority Communities (With Ravi Subramanian). *Working Paper*

Science-Based Targets: Empirical Analysis of Carbon Reduction Commitments by Global Firms (With Daniel Choi, and Manpreet Hora). *Working Paper*

Publications

Kumar, S., Mookerjee, V. and Shubham, A. (2018), Research in Operations Management and Information Systems Interface. *Production and Operations Management*, 27: 1893-1905

Other Projects

Impact of Equitable School Budget Allocation on Student Outcomes (with Shikha Safaya). *IRB Approved, Data Collection in Progress.*

Teaching Experience

Instructor

MGT 3501: Introduction to Operations Management. *Remote*. Summer 2024

– Eval: 4.75 out of 5, Enrollment: 52, Response Rate: 35%

MGT 2255: Quantitative Analysis for Business. Spring 2022

– Eval: 4.63 out of 5, Enrollment: 51, Response Rate: 89%

Teaching Assistant

– MGT 6501: Introduction to Operations Management. 2020-2024

– MGT 3501: Introduction to Operations Management. 2020-2024

– MGT 6400/4367: Pricing Analytics and Revenue Management. 2021, 2024

– MGT 6401/4401: Supply Chain Modeling. 2023

– MGT 3770: Business Decisions for Sustainability and Shared Value. 2021

Awards, Fellowships, & Grants

2024 Georgia Tech Sustainable Research Micro Grant (\$500), Kendeda Building Advisory Board

2023 Finalist, Best Student Paper Award, POMS College of Sustainable Operations

2018 Distinguished Scholar Award, Temple University
Dean's Certificate of Excellence, Temple University
Finalist - Temple Analytics Challenge, IBIT, Temple University

2016 Dean's List and Honor Roll, Embry-Riddle Aeronautical University

Outreach & Professional Development

Professional Contributions

2022-Present POMS, INFORMS, DSI, Session Chair

2022-Present POMS, Ad-Hoc Reviewer

2022-Present Management and Business Review, Social Media Coordinator

2024 DSI, Conference Reviewer

2021-2022 POMS Annual Conference 2021, Track Technical Manager

2018 Assistant to Dr. Subodha Kumar, POMS and MBR Editorial Support

Service to Georgia Tech

2023-2024 Scheller College - DEI Committee, Ph.D. Student Representative

Professional Memberships

2019-Present INFORMS, Member

POM Society, Member

MS&OM Society, Member

Conference Presentations

Playing Fair? Environmental Impacts and Practices of Facilities in Minority Communities.

- *Scheduled:* INFORMS Annual Meeting 2024
- MSOM Sustainable Operations SIG 2024
- POMS Annual Conference 2024, 2023, 2022
- INFORMS Annual Conference 2024, 2023, 2022, 2021

An Empirical Investigation of Establishment-Level Operations and Occupational Hazards in Minority Communities.

- *Scheduled:* DSI Annual Conference 2024
- POMS Annual Conference 2024, 2023

Selected Coursework

Courses: Econometrics, Microeconomics, Stochastic Processes, Optimization, Optimal Control, Dynamic Programming

Doctoral Seminars: Sustainable Operations, Innovation and New Product Development, Event Studies in Operations Management, Machine Learning and Causal Inference

Professional Experience

2019 **Product Analyst**, Root Insurance Co.

2018 **Data Science Intern**, Esurance

References

Prof. Ravi Subramanian

Gregory J. Owens Professor
Department of Operations Management
Scheller College of Business, Georgia Tech

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Prof. Manpreet Hora

Senior Associate Dean for Programs
Department of Operations Management
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Prof. Subodha Kumar

Paul R. Anderson Distinguished Chair Professor
Statistics, Operations, and Data Science
Fox School of Business, Temple University

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Prof. Vinod Singhal

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