

RAVI SUBRAMANIAN

Gregory J. Owens Professor of Operations Management
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I. EARNED DEGREES

Ph.D., Operations & Management Science (2005)

Dissertation Title: *Essays in Sustainable Operations*

Stephen M. Ross School of Business, University of Michigan, Ann Arbor.

M.S., Industrial & Operations Engineering (2002)

University of Michigan, Ann Arbor.

M.B.A., Specialization in Operations & Technology Management (1999)

School of Management, Indian Institute of Technology Mumbai.

B.E. (Honors), Mechanical Engineering (1997)

Birla Institute of Technology & Science, Pilani (India).

II. EMPLOYMENT HISTORY

Scheller College of Business, Georgia Tech

Gregory J. Owens Professor (2022-Present)

Professor of Operations Management (2021-Present)

Faculty Director of Educational Innovation, Ray C. Anderson Center for Sustainable Business (2022-Present)

Associate Professor of Operations Management (2012-21)

Serve-Learn-Sustain UN Sustainable Development Goals Fellow (2019-20)

Faculty Director, Denning Technology and Management Program (2013-16)

Operations Management Area PhD Coordinator (2012-15)

Assistant Professor of Operations Management (2005-12)

Office Furniture Business, Godrej & Boyce Mfg. Co. Ltd., Mumbai

Assistant Manager, Production Planning and Control (06/1999-07/2000)

Intern, Production Planning and Control (01/1999-05/1999)

III. HONORS AND AWARDS

- *Provost Teaching and Learning Fellows (2022-24)*, Georgia Tech. Nominated by the Dean's Office to represent the Scheller College of Business.
- *Core Professor of the Year*, Evening MBA Program (2021), Full-Time MBA Program (2012), Scheller College of Business.
- Student Recognition of Excellence in Teaching: Class of 1934 CIOS Honor Roll (Spring 2021).

- Honorable Mention, *2020 Manufacturing & Service Operations Management Society Award for Responsible Research in OM* for the paper titled: “Are Hazardous Substance Rankings Effective?” This award recognizes “studies contributing knowledge that may have implications for making the world a better place through informing evidence-based, high quality, and societally beneficial organizational practices across business, government, and non-government organizations.”
- *Brady Family Award for Faculty Teaching Excellence*, Scheller College of Business (2020, 2014). This award recognizes “the inspiration and encouragement provided to students and the ability to engender curiosity and love of learning, as well as to increase the knowledge, skills, and abilities related to the subject matter.”
- First Place, *Academy of Management Best Paper Award* (2019) by the Institute for Supply Management, for the paper titled “Supply Chain Network Structure and Environmental Information Disclosure,” co-authored with Marcus Bellamy and Suvrat Dhanorkar.
- *Inaugural Best Department Editor Award* (2018), *Production and Operations Management Journal* (awarded to three out of the 39 Department Editors at the Journal).
- First Place, *INFORMS Public Sector OR Best Paper Competition* (2016) for the paper titled “Improving Societal Outcomes in the Organ Donation Value Chain,” co-authored with Scheller doctoral student Priyank Arora.
- *Inaugural Paul Kleindorfer Award in Sustainability* (2012). This award recognizes “young scholars who have distinguished themselves through the breadth and innovativeness of their scholarly work on questions related to sustainable operations and the social and environmental impact of business.”
- *Inaugural James F. Frazier, Jr. Award for Teaching Excellence*, Scheller College of Business (2009). This award recognizes “the inspiration and encouragement provided to students and the ability to engender curiosity and love of learning, as well as to increase the knowledge, skills, and abilities related to the subject matter.”
- *Honorable Mention, Inaugural Page Prize for Environmental Sustainability Curriculum* (2008), awarded for “efforts to expose business students to state-of-the-art environmental sustainability knowledge.” One prize and one honorable mention were awarded for entries from the U.S.
- Thank-a-Teacher Certificates, Georgia Tech (multiple, 2006-Present).
- *INFORMS MSOM Student Paper Competition – Second Prize* (2004) from among 54 entries.
- *INFORMS ENRE Section Student Paper Competition – Honorable Mention* (2004).
- Richter Fellowship (2004-05), Michigan Business School Fellowship (2000-04), Rackham Fellowship (2000-01), University of Michigan.

IV. RESEARCH, SCHOLARSHIP, AND CREATIVE ACTIVITIES

A. PUBLISHED BOOK CHAPTERS

1. Jacobs, B., R. Subramanian, M. Hora, V. Singhal. 2016. Market Value Implications of Voluntary Corporate Environmental Initiatives (CEIs). In *Sustainable Supply Chains: A Research-Based Textbook on Operations and Strategy* (Y. Bouchery, C. J. Corbett, J. C. Fransoo, T. Tan, Eds.), Springer. pp. 319-338.

2. Subramanian, R. 2012. Incorporating Life-Cycle Economic and Environmental Factors in Managerial Decision-Making. In *Sustainable Supply Chains: Models, Methods, and Public Policy Implications* (T. Boone, V. Jayaraman, R. Ganeshan, Eds.), Springer. pp. 201-222.
3. Subramanian, R. 2010. The Market for Remanufactured Products: Empirical Findings. In *Closed Loop Supply Chains: New Developments to Improve the Sustainability of Business Practices* (M. Ferguson, G. Souza, Eds.), CRC Press – Taylor & Francis Group. pp. 131-142.
4. Mayorga, M., R. Subramanian. 2009. Incorporating Environmental Concerns in Supply Chain Optimization. In *Environmentally Conscious Materials Handling* (M. Kutz, Ed.). John Wiley & Sons. pp. 117-135.

B. PUBLICATIONS

Note: Asterisk (*) at the beginning indicates work done at Georgia Tech. Co-authors in boldface indicate Georgia Tech PhD students at the time of research initiation.

Published/Accepted Journal Articles

1. ***Singh, N.**, K. Ramachandran, R. Subramanian. 2022. Intertemporal Product Management with Strategic Consumers: The Value of Defective Product Returns. *Manufacturing & Service Operations Management*. **24**(2) <https://doi.org/10.1287/msom.2021.0972>.
2. ***Bellamy, M.**, S. Dhanorkar, R. Subramanian. 2020. Administrative Environmental Innovations, Supply Network Structure, and Environmental Disclosure. *Journal of Operations Management*. **66**(7-8) 895-932. <https://doi.org/10.1002/joom.1114>.
 - *Journal of Operations Management Top-Cited Article over the period 2020-21.*
 - *Featured in Association for Supply Chain Management's SCM Now Magazine in article titled "6 Ways to Advance Supply Chains Through Environmental Disclosure," on February 17, 2021.*
 - *2019 Academy of Management Best Paper Award (by the Institute for Supply Management).*
3. ***Arora, P.**, Hora, M., V. Singhal, R. Subramanian. 2020. When do Appointments of Corporate Sustainability Executives affect Shareholder Value? *Journal of Operations Management*. **66**(4) 464-487. <https://doi.org/10.1002/joom.1074>.
4. ***Fu, W.**, B. Kalkanci, R. Subramanian. 2019. Are Hazardous Substance Rankings Effective? An Empirical Investigation of Information Dissemination about the Relative Hazards of Chemicals and Emissions Reductions. *Manufacturing & Service Operations Management*. **21**(3) 602-619. <https://doi.org/10.1287/msom.2018.0710>.
 - *Honorable mention, 2020 MSOM Society's Responsible Research in OM Award.*
 - *Featured in INFORMS' M&SOM Review on October 3, 2018*
5. ***Arora, P.**, R. Subramanian. 2019. Improving Societal Outcomes in the Organ Donation Value Chain. *Production and Operations Management*. **28**(8) 2110-2131. <https://doi.org/10.1111/poms.13025>.
 - *First Place, 2016 INFORMS Public Sector OR Best Paper Competition.*
6. ***Hora, M.**, R. Subramanian. 2019. Relationship between Positive Environmental Disclosures and Environmental Performance: An Empirical Investigation of the Greenwashing Sin of the Hidden Trade-off. *Journal of Industrial Ecology*. **23**(4) 855-868. <https://doi.org/10.1111/jiec.12823>.

7. *Xiao, W., C. Gaimon, R. Subramanian. M. Biehl. 2019. Investment in Environmental Process Improvement. *Production and Operations Management*. **28**(2) 407-420. <https://doi.org/10.1111/poms.12927>.
8. *Subramanian, R., M. Ferguson, L. B. Toktay. 2013. Remanufacturing and the Component Commonality Decision. *Production and Operations Management*. **22**(1) 36-53. <https://doi.org/10.1111/j.1937-5956.2012.01350.x>.
9. *Atasu, A., R. Subramanian. 2012. Extended Producer Responsibility for E-Waste: Individual or Collective Producer Responsibility? *Production and Operations Management*. **21**(6) 1042-1059. <https://doi.org/10.1111/j.1937-5956.2012.01327.x>.
10. *Subramanian, R., R. Subramanyam. 2012. Key Factors in the Market for Remanufactured Products. *Manufacturing & Service Operations Management*. **14**(2) 315-326. <https://doi.org/10.1287/msom.1110.0368>.
11. *Kroes, J., R. Subramanian, R. Subramanyam. 2012. Operational Compliance Levers, Environmental Performance, and Firm Performance under Cap and Trade Regulation. *Manufacturing & Service Operations Management*. **14**(2) 186-201. <https://doi.org/10.1287/msom.1110.0357>.
12. *Jacobs, B., R. Subramanian. 2012. Sharing Responsibility for Product Recovery Across the Supply Chain. *Production and Operations Management*. **21**(1) 85-100. <https://doi.org/10.1111/j.1937-5956.2011.01246.x>.
13. Subramanian, R., B. Talbot. S. Gupta. 2010. An Approach to Integrating Environmental Considerations within Managerial Decision-Making. *Journal of Industrial Ecology*. **14**(3) 378-398. <https://doi.org/10.1111/j.1530-9290.2010.00243.x>.
- Featured in 2011 "Editor's Choice" Issue of "noteworthy articles on topics currently of interest."
14. *Jacobs, B., V. Singhal, R. Subramanian. 2010. An Empirical Investigation of Environmental Performance and the Market Value of the Firm. *Journal of Operations Management*. **28** 430-441. <https://doi.org/10.1016/j.jom.2010.01.001>.
15. Subramanian, R., S. Gupta, B. Talbot. 2009. Product Design and Supply Chain Coordination under Extended Producer Responsibility. *Production and Operations Management*. **18**(3) 259-277. <https://doi.org/10.1111/j.1937-5956.2009.01018.x>.
16. Subramanian, R., S. Gupta, B. Talbot. 2007. Compliance Strategies under Permits for Emissions. *Production and Operations Management*. **16**(6) 763-779. <https://doi.org/10.1111/j.1937-5956.2007.tb00294.x>.
- Second prize in the INFORMS Manufacturing and Service Operations Management (MSOM) 2004 student paper competition
- Honorable mention in the INFORMS Energy, Natural Resources, and the Environment (ENRE) 2004 student paper competition.

Other Publications

17. Subramanian, R., S. Gupta, B. Talbot. 2005. Emissions Compliance Strategies: A Permit Auction Model. In The MSOM Society Student Paper Competition: Extended Abstracts of 2004 Winners. *Manufacturing and Service Operations Management*. **7**(1) 85-88. <https://doi.org/10.1287/msom.1050.0075>.

C. OTHER RESEARCH IN PROGRESS

18. ***Shubham, A.**, R. Subramanian. Playing Fair? Environmental Impacts and Practices of Facilities in Minority Communities. (*Under revision*).
19. ***Singh, N.**, R. Subramanian, S. Kavadias. Product Design and Component Sourcing in a High-Tech Supply Chain. (*Under revision*).
20. *Subramanian, R., N. Tereyagoglu. Interactive Effects of Buyer Safeguards in an Online Marketplace: Evidence for New and Refurbished Products (*Under revision*).
21. ***Safaya, S.**, B. Kalkanci, R. Subramanian. Matching Volunteers with Clients in a Non-Profit Organization (*Draft in preparation*).
22. *Bond, S. D., R. Subramanyam, R. Subramanian. Consumer Satisfaction with New and Remanufactured Products: An Expectations Disconfirmation Approach (*Draft in preparation*).
23. *Ramani, V., R. Subramanian. A Comparison of Outcome and Behavior-Based Incentive Programs for Workplace Safety (*Draft in preparation*).

D. PRESENTATIONS

Invited Seminars

1. Business, Environment, and Society Speaker Series, Ray C. Anderson Center for Sustainable Business, Georgia Tech (May 2021).
2. Carlson School of Management, University of Minnesota (April 2021).
3. Fisher College of Business, Ohio State University (March 2021).
4. David Eccles School of Business, University of Utah (November 2019).
5. Rady School of Management, University of California San Diego (March 2019).
6. School of Economics and Management, Beijing Jiaotong University (May 2018).
7. Rutgers Business School (April 2018).
8. European School of Management and Technology, Berlin (March 2017).
9. Ivey Business School, Western University (October 2016).
10. Indian Institute of Management Udaipur (July 2016).
11. Nanyang Business School, Singapore (July 2016).
12. Gies College of Business, University of Illinois at Urbana-Champaign (October 2015).
13. Fisher College of Business, Ohio State University (October 2015).
14. Institute for Healthcare Improvement Open School, Georgia Tech (November 2014).
15. Ivey Business School, Western University (September 2014).
16. Johnson Graduate School of Management, Cornell University (February 2014).
17. Harvard Business School (February 2013).
18. Katz Graduate School of Business, University of Pittsburgh (March 2012).
19. Ross School of Business, University of Michigan – Ann Arbor (October 2011).
20. Technology Association of Georgia, Atlanta (August 2011).
21. MIT Zaragoza, Spain (July 2011).
22. Lundquist College of Business, University of Oregon (February 2011).
23. Environmentally Conscious Design and Manufacturing Speaker Series, Georgia Tech (January 2006).
24. William Davidson Institute, University of Michigan (April 2005).
25. Kelley School of Business, Indiana University (January 2005).
26. Anderson School of Management, UCLA (January 2005).

Participation in National/International Workshops

1. Georgia Tech SLS Panelist, 8th International Conference on Educational Innovation: “Innovation for the New Era of Education,” Tecnológico de Monterrey, Mexico (Virtual, December 2021).
2. Panelist, “Innovative Teaching in Sustainability: New Ideas to Engage Your Students,” POMS Annual Conference (Virtual, May 2021).
3. Panelist, “Emerging Topics in Circular Economy and Sustainable Operations,” INFORMS Annual Meeting, Seattle (October 2019).
4. Invited Speaker, ISOM Workshop on Empirical Research, Goizueta Business School, Emory University (August 2018).
5. Discussant, Early Career Sustainable Operations Workshop, Georgia Tech (March 2018).
6. Discussant, MSOM Sustainability SIG Workshop, University of North Carolina, Chapel Hill (June 2017).
7. Invited Speaker, “Sustainability in the Curriculum,” POMS College of Sustainable Operations Mini Conference, Washington DC (May 2015).
8. Invited Speaker, “Teaching Sustainability,” INFORMS Annual Meeting, San Francisco (November 2014).
9. Invited Speaker, “Teaching Innovation and Sustainability,” POMS Annual Conference, Chicago (April 2012).
10. Invited Speaker, “Empirical Research on CLSCs,” Closed Loop Supply Chain Workshop XI, Zaragoza, Spain (March 2012).
11. Participant at the *International Closed-Loop Supply Chain Workshops*:
 - Texas A&M University, Houston (October 2015); MIT Zaragoza, Spain (March 2012); McGill University, Montreal (November 2010); Technische Universität Braunschweig, Germany (September 2009); Georgia Tech (October 2008; Co-organizer); Erasmus University, Rotterdam (October 2006); Vanderbilt University (October 2005).
 - Co-Organizer for the workshop hosted by Georgia Tech on Interdisciplinarity in Closed-Loop Supply Chain Research (October 2008).
12. CIBER International Research Colloquium on *Multinational Enterprise and Sustainable Development*, Atlanta (October 2006). Chair of Panel on *Performance Metrics: Standards and Market Responses to Implementation of Global Sustainable Development Practices*
13. Co-organizer, Georgia Tech Expanding Closed Loops in Production Systems *Product Re-X Conference*, Atlanta (June 2006). Moderator for Panel on *Market Impact of International Regulation*.
14. Sustainable Business Conference & Expo, University of Michigan (February 2004).
15. Workshop on *Mobility in a Sustainable World: A Complex Systems Approach*, University of Michigan (June 2003).
16. CIBER Doctoral Consortium on International Operations Management, Krannert School of Management, Purdue University (September 2001).

E. GRANTS

As Principal Investigator

1. *An Assessment of Regulations and Practices related to Incentives for Workplace Safety in the US and India*; Georgia Tech Center for International Business Education and Research (CIBER) Faculty Research Grant; \$4,000; Summer 2021.
2. *International Emissions Trading: Implications for Supply Chain Coordination*; Georgia Tech Center for International Business Education and Research (CIBER) Faculty Research Grant; \$1,000; Summer 2011.

3. *An Empirical Analysis of Product and Service Attributes that lead to Customer Recommendations for Remanufactured Products*; Georgia Tech CIBER Faculty Research Grant; \$2,500; Summer 2010.
4. *Strategic Response to, and the Efficient Allocation of Emissions Caps in International Supply Chains*; Georgia Tech CIBER Faculty Research Grant; \$3,000; Summer 2009.
5. *Market Characteristics and Strategic Pricing of Remanufactured Products*; Georgia Tech CIBER Faculty Research Grant; \$1,000; Summer 2007.
6. *Viable and Environmentally Favorable Product Design through Supply Chain Coordination under Extended Producer Responsibility*; Center for Sustainable Enterprise, University of North Carolina at Chapel Hill; Faculty Small Grant for research in Advanced Sustainable Business Practices; \$5000; 2005-06.

As Contributor

7. *Design and Development of an Energy Information Integration and Analysis Platform*; National Science Foundation (NSF) Small Business Innovation Research (SBIR) Phase I Award #1046942 with UrjaNet; \$150,000; January 2011 – December 2011; Role: Consultant; Collaborators: Rob Burson (PI), Dr. Sham Navathe (Consultant).
 - UrjaNet is a Georgia Tech Advanced Technology Development Center (ATDC) startup offering Energy data/information solutions.
 - Selected for NSF's Innovation Accelerator (IA) program. "The Innovation Accelerator represents the private side of a unique Public-Private Partnership with the NSF, the mission of which is to support the most promising of the NSF SBIR/STTR Phase I and II Grantees."
8. Georgia Research Alliance (GRA) VentureLab Phase I (\$40,000), Phase II (\$100,000), and Phase III (\$250,000) Grants with UrjaNet; 2009-10; Role: Faculty Member.

F. OTHER SCHOLARLY AND CREATIVE ACCOMPLISHMENTS

Burson, R., R. Subramanian; *UrjaNet Energy Management and Analysis System*; Georgia Tech Research Corporation, Office of Technology Licensing Invention Disclosure; 2009. Urjanet was acquired by Arcadia in May 2022. <https://www.prnewswire.com/news-releases/arcadia-acquires-urjanet-to-accelerate-the-transition-to-a-zero-carbon-economy-301553440.html>

G. MEDIA MENTIONS AND POLICY IMPACT

- Empirical research on facility responses to changing assessments of chemical hazards cited in the following outlets, among others: *Science Daily*, *Phys.Org*.
 - This research, done in collaboration with the Agency for Toxic Substances and Disease Registry (ATSDR) is used by ATSDR to support the continuation of Substance Priority List (SPL) efforts at the agency.
 - The SPL is a prioritized list of substances that are most commonly found at facilities on the National Priorities List, and which are determined to pose the most significant potential threat to human health due to their known or suspected toxicity and potential for human exposure.
- Empirical research on the relationship between positive environmental disclosures and overall environmental performance cited in the following outlets, among others: *Channel NewsWire*, *TriplePundit.com*.

- Empirical research on attributes of remanufactured product markets cited in the following outlets, among others: *Businessweek (Online)*; *Eco Businesswire*; *Green Biz*; *Reuters*; *Reverse Logistics Magazine*.
- Empirical research on environmental announcements and stock market performance cited in the following outlets, among others: *Bloomberg Businessweek*; *Forbes India*; *Ivey Business Journal*; *Network for Business Sustainability*; *Reuters*; *Yahoo News*; *Yahoo Finance*.

H. OTHER PROFESSIONAL ACTIVITIES

- *Visiting Faculty*, Indian School of Business Hyderabad (July-August 2018, July-August 2017).
- *Scholar in Residence*, Indian Institute of Management Udaipur (July 2016).
- *Consultant* for Kenzie Lane Innovation, LLC (2013-14).
- *Visiting Faculty*, 2011 PhD Summer Academy, MIT Zaragoza, Spain (June-July 2011).
 - Class comprised 16 international PhD students from Universities in Germany, Hong Kong, Italy, The Netherlands, Spain, Turkey, and the U.S.
- *Research Collaboration* with UrjaNet (2009-11).

V. TEACHING

A. COURSES TAUGHT

At Georgia Tech

- MGT 6500 (MBA Analytical Tools for Decisions Core, 2019-Present)
 - 14 Evening Sections; Average class size: 39; Average evaluation: **4.9/5.0**.
- IMBA 6021 (Executive MBA course: Data Analysis for Business, 2021-Present)
 - 4 Sections; Average class size: 35; Average evaluation: **4.8/5.0**.
- MGT 3770 (Undergraduate Georgia Tech Serve-Learn-Sustain Foundation Course: “Business Decisions for Sustainability and Shared Value,” 2018-present)
 - 4 Sections; Average class size: 16; Average evaluation: **4.9/5.0**.
- MGT 8803 (Doctoral Course: “Environmental Sustainability Considerations in Managerial Decision-Making,” 2006-Present)
 - 8 Sections; Average class size: 5; Average evaluation: **4.9/5.0**.
- IMBA 6081 (Executive MBA course: Manufacturing and Service Operations Management, 2010-2021)
 - 17 Sections; Average class size: 54; Average evaluation: **4.7/5.0**.
- MGT 6350/6501 (MBA Operations Management Core, 2008-2020)
 - 8 Daytime, 18 Evening Sections; Average class size: 56; Average evaluation: **4.7/5.0**.
- IMBA 6260 (Executive MBA course: Global Supply Chain Management, 2012-13)
 - 2 Sections; Average class size: 42; Average evaluation: **4.6/5.0**.
- MGT 4742 (Undergraduate T&M Program Integrated Capstone Project, 2014-16)
 - 3 Sections; Average class size: 55; Average evaluation: **4.6/5.0**.
- MGT 3501 (Undergraduate Operations Management Core, 2006-07, 2014 in **GT Lorraine**)
 - 6 Sections; Average class size: 31; Average evaluation: **4.8/5.0**.

At University of Michigan, Ann Arbor (as a Doctoral Student)

- OM 311 (Undergraduate Operations Management Core, 2003)
 - 1 Section; Class size: 52; Evaluation: 4.7/5.0.
- Pre-MBA Program for International MBA Students (2001-05)
- Quantitative Skills Workshop for MBA students (2003)

Curricular Contributions at Georgia Tech

- **MBA-level Analytical Tools for Decisions Core Course (MGT 6500) and Executive MBA-level Data Analysis for Business Course (IMBA 6021)**
 - Redesigned and structured this course to adopt a problem-driven approach (namely, PPDAC, Problem -> Plan -> Data -> Analysis -> Conclusions) and to follow the Gartner model of stages of Data Analytics maturity, namely, Descriptive, Diagnostic, Predictive, and Prescriptive Analytics.
- **Georgia Tech Serve-Learn-Sustain (SLS) Foundation Course: Business Decisions for Sustainability and Shared Value (MGT 3770)**
 - Designed this new course (first offered in Spring 2018), using the World Economic Forum Global Risks Report and the United Nations Sustainable Development Goals as frameworks to explore the role of fundamental human needs (food, water, shelter, energy, wages, and community) in shaping long-term business value and overall economic progress.
 - Multidisciplinary and experiential course employing various pedagogical approaches such as lectures on fundamental concepts, cases, videos, and talks by invited speakers.
- **MBA-level Operations Management Core Course (MGT 6350/6501)**
 - Rich Foundation Grant for Business Ethics Curriculum Development; \$7100; Summer 2007.
 - Integrated sustainability and ethics issues within the course, covering environmental impacts of processes, safety issues in implementing process improvements, and sustainable matching of supply and demand.
- **Doctoral course on Environmental Sustainability Considerations in Managerial Decision-Making (MGT 8803)**
 - Designed and developed this new course, covering analytical and empirical approaches for studying the interface between business decisions and environmental sustainability.
 - This course received an honorable mention for the Inaugural Page Prize for Environmental Sustainability Curriculum in 2008.
- **Undergraduate-level Operations Management core (MGT 3501)**
 - Developed comprehensive video sessions to visually demonstrate applications of course concepts.
 - Integrated sustainability and ethics topics within the course.

B. INDIVIDUAL STUDENT GUIDANCE

PhD Students

1. Abhinav Shubham (Scheller College of Business, *Advisor*, 2019–Present)
 - Research Topic: *Relationship between Race and Facility-Level Emissions*.
2. Shikha Safaya (Scheller College of Business, *Co-Advisor*, 2019–Present)
 - Research Topic: *Matching Volunteers with Clients in a Non-Profit Organization: The Case of Meals on Wheels Atlanta*.
3. Priyank Arora (Scheller College of Business, *Co-Chair*, Graduated 2018)
 - Title of Dissertation: *Essays on Socially and Environmentally Responsible Operations*
 - Currently Assistant Professor, Operations Management, Isenberg School of Management, University of Massachusetts Amherst.
4. Wayne Fu (Scheller College of Business, *Co-Chair*, Graduated 2017)
 - Title of Dissertation: *Essays on Sustainable Operations*
 - Currently Assistant Professor, Decision Sciences, University of Michigan-Dearborn.

5. Narendra Singh (Scheller College of Business, *Co-Chair*, Graduated 2015)
 - Title of Dissertation: *Product Strategies in Supply Chains*
 - Currently Assistant Professor, Graduate School of Business, Nazarbayev University.
6. Vinod Cheriyan (Industrial and Systems Engineering, *Committee Member*, Graduated 2014)
 - Title of Dissertation: *Models of Human Behavior with Applications to Finance and Pricing*
 - Currently Senior Lead Data Scientist at Enova International, Chicago.
7. Wenli Xiao (Scheller College of Business, *Committee Member*, Graduated 2012)
 - Title of Dissertation: *Essays on Knowledge Management*
 - Currently Assistant Professor, Decision Sciences, School of Business Administration, University of San Diego.
8. Brian Jacobs (Scheller College of Business, *Co-Chair*, Graduated 2009)
 - Title of Dissertation: *Essays on Operations Strategies*
 - Currently Full Professor, Decision Sciences, Graziadio Business School, Pepperdine University.
9. Andrew Manikas (Scheller College of Business, *Committee Member*, Graduated 2008)
 - Title of Dissertation: *Essays in Inventory Decisions Under Uncertainty*
 - Currently Associate Professor of Management, College of Business, University of Louisville.
10. James Kroes (Scheller College of Business, *Committee Member*, Graduated 2007)
 - Title of Dissertation: *Outsourcing of Supply Chain Processes: Evaluating the Impact of Alignment between Outsourcing Drivers and Competitive Priorities on Performance*
 - Currently Full Professor, Information Technology and Supply Chain Management, College of Business and Economics, Boise State University.

Master's Students (non-thesis)

Aditya Mathur (MBA, Spring 2023); Gagandeep Singh (MBA, Spring 2022); Michael Curry (MBA, Spring 2012, Summer 2012, Fall 2012); Hyun-Suk Kim (MS, Summer 2012); Michael Kim (MBA, Summer 2012); Robert Halley (MBA, Fall 2010); Chaitanya Varma (MS, Spring 2010); Saurabh Kothari (MS, Summer 2008); Deepa Rajan (MS, Spring 2008); S. R. K. Venkatraman (MS, Spring 2008).

Undergraduate Students

Xinran Yu (Fall 2021; Spring 2021); Akshay Amaraneni (Fall 2007; Spring 2008; **President's Undergraduate Research Award, PURA**); Billy Hou (Fall 2008); Conrad Aach (Summer 2007); Arun Ganti (Fall 2006; **PURA Award**).

C. OTHER TEACHING ACTIVITIES

- Faculty advisor for GT 4803: Think Global, Act Local to Advance the UN SDGs (Spring 2021).
- Developing content for and conducting module on Leveraging Data in the Home Depot DLX program (2021-Present).
- Developing content for and conducting module on Business Analytics in the Coca-Cola Supply Chain Leader Excellence program (2021-Present).
- Developing content for and conducting modules on Demand Sensing and Shaping in the Georgia-Pacific Supply Chain Forum (since 2018) and the Coca-Cola Supply Chain Leader Excellence program (2017-2019).
- Developing content for and conducting modules on Demand-Driven Supply Chain Planning in the Clorox Strategic Leadership Forum and Global Operations Leadership Forum programs (since 2013).

- One session in each Executive MBA Cohort for the course IMBA 6430 – Business Strategies for Sustainability (2013-21).
- Three sessions on Supply Chain Management in MGT 6753 – Management for Engineers (Spring semesters, 2013-19).

VI. SERVICE

A. PROFESSIONAL CONTRIBUTIONS

- **Analytics Task Force Leader** for Management Curriculum for the Digital Era (MaCuDE) – an AACSB International and PricewaterhouseCoopers–sponsored initiative, comprising 100+ global business schools (2020-22).
 - The Analytics Task Force (40+ global business schools) was responsible for assessing and offering recommendations for course offerings in Analytics and Data Science tools and methods.
- **Senior Editor**, Sustainable Operations Department, Production and Operations Management Journal (2019-Present); Associate Editor, Management Business Review (2018-Present).
- **Department Editor**, Sustainable Operations Department, Production and Operations Management Journal (2015-18). Received Inaugural Best Department Editor Award in 2018.
- Referee for: *Journal of Industrial Ecology*; *Journal of Operations Management*; *Management Science*; *Manufacturing and Service Operations Management*; *MIS Quarterly*; *Operations Research*; *OR Letters*; *Production and Operations Management*.
- MSOM Award for Responsible Research in OM Committee (2021).
- Co-Chair, Sustainable Operations Track, POMS 2020 Annual Conference.
- INFORMS Public Sector Operations Research Paper Competition Committee (2017, 2019, 2020).
- Doctoral Consortium Program Chair, POMS 2018 Annual Conference.
- George Nicholson Student Paper Competition Prize Committee (2016).
- POMS College of Supply Chain Management Student Paper Competition Committee (2012-Present).
- Judge for the INFORMS MSOM 2006-14 and ENRE 2006 student paper competitions.
- POMS College of Sustainable Operations: VP of Meetings (2012-14); Secretary (2008-12).
- Co-Chair, Empirical Research in OM Track, POMS 2014 Annual Conference.
- Co-Chair, MSOM Sustainable Operations Track, INFORMS 2011 Annual Meeting.
- Co-Chair, Sustainable Operations and Closed-Loop Supply Chains Track, POMS 2009 Annual Conference.

B. COMMUNITY ENGAGEMENT

- In Spring 2019, Spring 2021, and Fall 2021, students in my Serve-Learn-Sustain Foundation course *Business Decisions for Sustainability and Shared Value* (MGT 3770) helped the Center for Sustainable Communities (CSC) develop plans for “ECO District Hampton Roads.” This revitalization project aims to foster community, increase prosperity, and promote health and well-being in a challenged community located in South Hampton Roads, Virginia. Working in teams along with CSC’s Managing Director Mr. Gary Harris, students proposed development plans for the neighborhood comprising over 5,000 homes and 17,000 residents. Certain ideas have since been implemented. A related write-up is available at: <https://b.gatech.edu/38tRrFM>.
- Together with Scheller Doctoral Student Shikha Safaya, we have been working closely with the non-profit Meals on Wheels Atlanta (MOWA) since Fall 2019 with the objective of improving the experiences of both Seniors – who receive meals from MOWA, and Volunteers – who deliver meals from the MOWA kitchen to the residences of Seniors.

C. INSTITUTE CONTRIBUTIONS

- **Faculty Director of Educational Innovation**, Ray C. Anderson Center for Sustainable Business, Scheller College of Business (2022-24).
- **Periodic Peer Review Committee**, Scheller College of Business (2021-22 and 2022-23).
- **Institute Undergraduate Curriculum Committee**, representing Scheller College of Business (2020-22).
- Undergraduate Committee, Scheller College of Business (2015-2021).
- Summer Support Process Review Committee, Scheller College of Business (2021).
- Serve-Learn-Sustain (SLS) Liaison for the Scheller College of Business (2016-18).
 - SLS is Georgia Tech's Quality Enhancement Plan for the period 2016-21, aimed at integrating a sustainability focus and community engagement into academic programs.
- Workforce of the Future Task Force, representing Scheller College of Business (2015-17).
- Action Plan Owner for “developing a deeper understanding of curricular and co-curricular opportunities to have impact at the undergraduate level,” Ray C. Anderson Center for Sustainable Business (2016-17).
- Denning Seed Fund Award and Denning Faculty Award Committees (2017).
- **Faculty Director, Denning Technology & Management Program** (Jan 2013-Aug 2016).
- Advisor for the Undergraduate Operations Management Society, Scheller College of Business (2015-16).
- **PhD Coordinator, Operations Management Area**, Scheller College of Business (2012-15).
- IT Committee, Scheller College of Business (2005-15).
- Search Committee for the Director of the Office of Arts at Georgia Tech (2013-14).
- Georgia Tech Academic Liaison for APICS (2011-14).
 - APICS (Advancing Productivity, Innovation, and Competitive Success) is a global association of practitioners in supply chain and operations management.
- Undergraduate Learning Center Review Committee, Georgia Tech (2007-11).