

PRITHA DUTTA

Operations and Information Management
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Educational Qualifications

- PhD candidate, Management Science, Department of Operations and Information Management, Isenberg School of Management, University of Massachusetts, Amherst. Expected graduation, May 2019.
- Masters in Science (M.Sc), Operational Research, Faculty of Mathematical Sciences, University of Delhi, 2011-2013.
M.Sc project: *Consumable Multi-product Multi-period Inventory Control* at the Oberoi Maidens Hotel from March to April 2013.
- Bachelors in Science (B.Sc), Statistics, Asutosh College, University of Calcutta, 2008-2011.

Research Interests

- Sustainable supply chains
- Supply chain network economics
- Blood supply chains
- Applications of OR in healthcare
- Quality control in supply chains

Projects and Internship

- Internship at the Six sigma department of ITC Hotels from July to August 2013.
Deliverables: studying the innovation drive in the organization and suggesting modifications in the existing process to further strengthen it.
- Summer project on *Process Capability Indices and Supplier Selection* under the supervision of Dr. Ashis Kumar Chakroborty at the Statistical Quality Control and Operations Research unit of the Indian Statistical Institute, Kolkata, 2012.
- Project titled *Linear Regression in Astronomy* under the guidance of Dr. Asis Kr. Chattopadhyay of the Department of Statistics, University of Calcutta, 2008.

Work Experience

- **Center Associate**, The Virtual Center for Supernetworks, Spring 2017-present.

- **Instructor**
 - OIM 240: Business Data Analysis, Department of Operations and Information Management, University of Massachusetts, Amherst, Spring 2017.
 - OIM 240: Business Data Analysis, Department of Operations and Information Management, University of Massachusetts, Amherst, Fall 2016.
- **Graduate Research Assistant**, Department of Operations and Information Management, University of Massachusetts, Amherst, Fall 2014-present.
- **Teaching Assistant**
 - OIM 413: Logistics and Transportation, Department of Operations and Information Management, University of Massachusetts, Amherst, Fall 2014. Instructor: Professor Anna Nagurney.
 - Statistics, NSHM Knowledge Campus, Kolkata, January-June 2014.
 - Quality Management, NSHM Knowledge Campus, Kolkata, January-June 2014.

Awards and Achievements

- Best Presentation Award, PhD Students, *Competition for Blood Donations: A Nash Equilibrium Network Framework* (with Anna Nagurney), Northeast Decision Sciences Institute Conference, 2017.
- INSPIRE scholarship, Department of Science & Technology, Government of India for exceptional academic performance in higher secondary and undergraduate levels. 2008-2013.
- Offered the National Merit Scholarship by Government of India, 2008.

Publications

- Amirhossein Alamdar Yazdi, Pritha Dutta, Adams B. Steven. 2017. *Airline Baggage Fees and Flight Delays: A Floor Wax and Dessert Topping?* Transportation Research Part E: Logistics and Transportation Review, 104, 83-96.
- Anna Nagurney and Pritha Dutta, *Competition for Blood Donations: A Nash Equilibrium Network Framework* (under review).
- Pritha Dutta, Adams B. Steven, *Firms' Sustainable Supply Chain Performance: Effects of Outsourcing to Developing Countries* (working paper).

Conference Presentations

- *Competition for Blood Donations: A Nash Equilibrium Network Framework* (with Anna Nagurney), Northeast Decision Sciences Institute Conference, 2017.

- *Global Distribution Decisions: Impact on Inventory Performance of Manufacturing Firms* (with Adams B. Steven), Decision Sciences Institute Annual Meeting, 2016.
- *Firms' Sustainable Supply Chain Performance: Effects of Outsourcing to Developing Countries* (with Adams B. Steven), INFORMS Annual Meeting, 2015.

Professional Memberships

- Member, Institute of Operations Research and Management Sciences (INFORMS).
- Member, INFORMS society of Women in Operations Research and Management Sciences (WORMS).

Professional Services

- Conference Reviewer, DSI Annual Conference, 2015 and 2016.
- Session Chair, Supply Chain Management V, INFORMS Annual Meeting, 2015.
- President, UMass Amherst Student Chapter of INFORMS, 2016-2017.
- Treasurer, UMass Amherst Student Chapter of INFORMS, 2015-2016.
- Communications Director, UMass Amherst Student Chapter of INFORMS, 2014-2015.

Non-academic aptitudes

- Volunteer, Amherst Survival Center, Summer 2016.
- Treasurer, Indian Students Association, University of Massachusetts, Amherst, 2014-2015.
- Communications team member, Annual Alumni Meet organizing committee, Department of Operational Research, University of Delhi, 2013.
- Teaching volunteer for underprivileged children, Rotary Club of Calcutta, 2012.
- Co-editor, little magazine "*Canvas*", 2010-2011.