

Dr. Neha Mittal
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CONTACT INFORMATION

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EDUCATION

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| Ph.D. Transportation Engineering, Rutgers, The State University of New Jersey | Oct. 2008 |
| M.S. Transportation Engineering, Rutgers, The State University of New Jersey | Oct. 2004 |
| B.E. Civil Engineering, Gujarat University, India University Topper (Gold Medalist) | June 2000 |

ACADEMIC EXPERIENCE

- Assistant Professor, Fox School of Business, Temple University, Philadelphia (Jan '11 – Present)
- Adjunct Assistant Professor, Fox School of Business, Philadelphia (Aug. '10 – Dec. '10)
- Adjunct Faculty of Management, Rutgers School of Business, New Jersey. (Sept. '08 – Dec. '10)

AWARDS AND RECOGNITIONS

- Outstanding Service Award, Department of Marketing and Supply Chain Management, May 2014
- Merit Award, Temple University, 2013, 2014
- Award for 'Excellence in Teaching', Department of Marketing and Supply Chain Management, May 2013
- NEX-GIFT Research Grant Award, UKIERI, March 2013
- Six Gold Medals, University Topper in Bachelor of Engineering, Gujarat University, India, June 2000

TEACHING EXPERIENCE

Courses Taught:

- Operations Management: (Fall 2010 - Present)
- Transportation and Logistics Management: (Fall 2012 - Present)
- Project Management: e-MBA program, Temple University, Tokyo campus, Japan (Summer 2011)

Curriculum Development:

I have developed and taught the following course(s) at Temple University:

- (i) Transportation and Logistics Management – undergraduate SCM course
- (ii) Project Management - graduate e-MBA course @ TU's Tokyo campus

(ii) As part of the online BBA initiative, prepared and recorded a series of lectures for the 3101 Operations Management course (four parts of the course out of a total of twelve); offered since fall 2012.

Teaching Philosophy:

I consider my experiences both as a student as well as an instructor very important in the development of my teaching philosophy.

- I strongly believe that students replicate the attitude and action of their teachers. Diligence and sincerity of an instructor is soon noticed by the students and replicated in their interest, hard work and respect for the course.
- Students, correctly or not, often make a quick decision on the quality of instruction and the course material. The first couple of weeks in a semester is a decisive time for the instructor and the students to establish a positive relationship.
- I consider that a relaxed, open, and encouraging classroom environment helps students learn in a self-directed manner.
- Using real-world examples and employing a combination of traditional lectures, case analyses and in-class problem solving exercises help impart instructions effectively.
- Engaging students in group discussions and presentations help them develop inter-personal and communication skills.

Teaching Evaluation: (with Student Testimonials)

Per SFFs, I continue to score in high 4's on a 5-point scale. Below is a small sample of student testimonials.

- *“Professor Mittal ALWAYS had a smile on her face, and was one of the most pleasant professors I have ever had. I was apprehensive about the subject matter of the course, but professor Mittal explained it in class in a manner that made it very easy for me to understand. I can not say enough good things about professor Mittal. I would definitely recommend her to friends, and would take her class again if the opportunity arises.”*
- *“It was obvious that professor Mittal knew exactly what she was teaching, and put time and thought into her lectures. I have heard horror stories from other students about this class (not the instructor)*

that it is hard, and I was going to be lost, much to my surprise, I never once felt lost, or remedial in this class.”

- *“Prof. Mittal is patient with her students and coaxes their ability to absorb very dry subject material”*
- *“She really cared about everyone’s understanding. Always very well prepared and she knows the subjects very well”*
- *“Prof. Mittal made it clear throughout the semester that she enjoys interacting with her students. She is always more than willing to help and answer questions.”*
- *“Professor Mittal is a great teacher and person. You could tell she genuinely cares for her students and if they did well in her course. I however didn’t put in the same amount of time and effort in this class on my end as she did teaching the class. Therefore, my grade reflects my inabilities, not her teaching. She was very straightforward and taught the material well. I just didn’t balance my time well, which hurt my grade personally.”*
- *“She cared about the students and really wanted us to succeed, the mutual will to succeed contributed a lot to the effectiveness of the course.”*
- *“Dr. Mittal is one of the top instructor TU has. She took complex terms and processes and explained it easier more clear terms. She always makes the students feel that the subject is easy. She always available for questions and she will take the time to explain to the student things she/he might not understand, until she is 100pct sure the student understood what she is explaining.”*
- *“Dr. Mittal makes the class and subject matter interesting; for a subject I had little care for as a legal studies major.”*
- *“Dr. Mittal goes above and beyond to make sure we understand the material.”*
- *“Honestly All I love to say is she was a great professor. She was very involved. She responds to emails very fast, lots of out of class help, she knew the material very well unlike a lot of other teachers here at Temple. She was great.”*
- *“She’s awesome; one of the best teachers I have ever had.”*
- *“The instructors animated and interactive way of teaching in class” contributed most to the learning.*

RESEARCH PUBLICATIONS

- *“Sustaining Sustainability in Marine Terminals: A Core Competency Framework”, Submitted (under review) to International Journal of Production Economics (IJPE), April 2014 (A. Baveja, R. Krishnan)*

- “Incorporating Maritime Stakeholder Perspectives for Implementing an ‘Inland-Depots-for-Empty-Containers’ System Using an Analytic Hierarchy Process”, *International Journal of Information Systems and Supply Chain Management (IJSSCM)*, Vol. 6, Issue 1, 2013 (with M. Boile, A. Baveja, S. Theofanis)
- “Determining Optimal Inland-Empty-Container Depot Locations under Stochastic Demand”, *Research in Transportation Economics, Special Issue on ‘Freight Transportation and Sustainability’*, Volume 42, Issue 1, 2013, pp. 50-60. (with M. Boile, A. Baveja, S. Theofanis)
- “A collaborative framework to minimize knowledge loss in new product development”, *International Journal of Production Research, Special issue on ‘Knowledge Management and Supporting Tools for Collaborative Networks’*, Volume 51, Issue 7, 2013, p. 11 (with R. Shankar, S. Rabinowitz, A. Baveja, S. Acharia)
- “Active Excel Models to Teach Location and the Center-of-Gravity Method”, *Operations Management Education Review (OMER)*, Volume 6, 2012 (with H. Weiss)
- “Regional Repositioning of Empty Containers: A Case for Inland Depots,” *Transportation Research Record: Journal of the Transportation Research Board (National Academy of Sciences)*, Issue 2066, 2008, pp. 31-40, (with Boile, M., S. Theofanis, A. Baveja)
- “Urban Transport Trends and Policies in China and India: Impacts of Rapid Economic Growth”, *Journal of Transport Reviews*, Vol. 27, No. 4, July 2007, pp. 379-410 (with Pucher J., Peng Z.R., Yi W., Korattyswaroopam N.) (Impact factor: 1.030)
- “Urban Transportation Crisis in India”, *Journal of Transport Policy*, Volume 12, Issue 3, 2005, pp 185-198, (with Pucher J, Korattyswaroopam N., Ittyerah N.) (Impact factor: 1.024)

CONFERENCE PROCEEDINGS AND PRESENTATIONS

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- “Locating Inland Facilities for Sustainable Landside Maritime Transportation”, Accepted for Presentation at Proceedings of XIII ISOLDE Symposium – Naples/Capri (Italy), June 16-20, 2014, (with A. Baveja)
 - “Sustaining Sustainability”, Presented at the NEX-GIFT Workshop, Indian Institute of Technology, New Delhi, India, August 8-9, 2013, (with A. Baveja, R., Krishnan)
 - “A Two-Stage Stochastic Program with Recourse for Analyzing Effect of Demand Uncertainty in the ‘Inland-Depots-for-Empty-Containers’ (IDEC) System”, *Proceedings of the 89th Annual Transportation Research Board Annual Meeting*, January 2009, (with A. Baveja, M. Boile, S. Theofanis)

- “Inland-Depots-for-Empty-Containers’ (IDEC) Concept for Effective Regional Repositioning of Empty Containers” Presented at the 54th Regional Science Meeting, Brooklyn, New York, November 2008, (with Boile M., A. Baveja, S. Theofanis)
- “Analyzing Demand Uncertainty in an ‘Inland Depot for Empty Containers’ System and Solving a Large-Scale Facility Location Problem”, INFORMS Annual Meeting, Washington D.C., October 2008 (with Boile M., A. Baveja, S. Theofanis)
- “Analyzing the Effect of Varying Stochastic Demand Scenarios on an ‘Inland-Depots-for-Empty-Container’ (IDEC) System”, Proceedings of the International Trade and Freight Transportation Conference (ITFTC), Ayia-Napa, Cyprus, September 2008, (with Boile M., A. Baveja, S. Theofanis)
- “Inland-Depots-for-Empty-Containers (IDEC) System for Effective Regional Repositioning of Empty Containers”, Global Supply-Chain Transportation and Logistics, IIT Delhi, New Delhi, August 2008, (with Boile M., A. Baveja, S. Theofanis)
- “Analyzing the Effect of Stochastic Demand for Empty Container Repositioning on Regional Depot Capacity”, Proceedings of the 4th International Congress on Transport Research, Athens, Greece, May 2008, (with M. Boile, S. Theofanis, A. Baveja)
- “A Multi-Criteria Decision Making Approach for A Sustainable Development of ‘Inland-Depots-for-Empty-Container’ (IDEC) System”, Proceedings of the 49th Annual Transportation Research Forum Conference, Dallas/Fort Worth, Texas, March 2008, (with A. Baveja, M. Boile, S. Theofanis)
- “Regional Repositioning of Empty Containers: A Case for Inland Depots”, Proceedings of the 87th Transportation Research Board Annual Meeting, Washington, D.C., January 2008, (with Boile, M, S. Theofanis, A. Baveja)
- “Evaluating the Effectiveness of Inland Depots for Empty Containers (IDEC) Concept in Empty Container Management”, Proceedings of the METRANS National Urban Freight Conference, Long Beach, CA, December 2007, (with Boile, M., S. Theofanis, A. Baveja)
- "Empty Marine Container Management: Addressing Locally A Global Problem", Proceedings of the 85th Annual Transportation Research Board Annual Meeting, Washington DC, January 2006, (Boile M., S. Theofanis, M. Golias)
- “Estimation of Truck Volumes and Flows – A Statistical Approach’, Proceedings of the 84th Annual Transportation Research Board Annual Meeting, Washington DC, January 2005, (with M. Golias, M. Boile, L. Spasovic, K. Ozbay)
- “Estimation of Truck Volumes and Flows using Classification Counts’, Proceedings of the 45th Annual Forum of the Transportation Research Forum, Northwestern University, Transportation Center, Evanston, Illinois, March 2004, (with M. Golias, M. Boile)

- “Empty Intermodal Containers – A Global Issue’, Proceedings of the 45th Annual Forum of the Transportation Research Forum, Conference proceedings, Northwestern University, Transportation Center, Evanston, Illinois, March 2004, (with Boile M., S. Theofanis)
- “Effect of Earthquakes on Transportation facilities and Post-Earthquake Traffic Management”, Proceedings of the 2003 MASE Symposium, Republic of Macedonia, September 2003, (with Boile M.P., Golubka N. C.)

WORK-IN PROGRESS

- “Realizing the Hidden Potential of Maintenance Operations in Capital-Intensive Plants Using Critical Chain”, (with A. Baveja, A. Kapoor, S. Sarkar, and S. Shah).
- “A Randomized Rounding Search Heuristic for Locating Depots in a Large-Scale ‘Inland-Depots-for-Empty-Containers’ (IDEC) System”, (with A. Baveja, M. Boile, S. Theofanis).

INVITED GUEST LECTURE

- Gave a talk on ‘US Freight Transportation Systems and its Sustainability’ at the Bloustein School of Public Policy and Planning, Rutgers University, New Brunswick, NJ, October 2013.
- Gave a talk on ‘Global and Domestic US Freight Transportation System’ at the Bloustein School of Public Policy and Planning, Rutgers University, New Brunswick, NJ, October 2012.

SERVICE

At Temple University:

- Elected Member, Faculty Responsibility and Student Grievance Committee
- Organizer, Supply Chain Management Educational and Career Events
- Faculty Judge for the Target Case Competition, 2012 - Present
- Member, Fox/STHM Energy Team, 2012 -2014.

As ad-hoc Reviewer:

- Decision Sciences Journal of Innovative Education
- International Journal of Production Economics
- International Journal of Production Research
- International Journal of Shipping and Transport Logistics
- Transportation Research Record
- Socio-Economic Planning Sciences
- Research in Transportation Economics