

**CURRICULUM VITAE**  
**NITIN BAKSHI**

Assistant Professor, Management Science & Operations,  
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**EDUCATION**

Ph. D., Operations Management, The Wharton School, University of Pennsylvania, 2008. *Advisors: Noah Gans and Paul Kleindorfer*

M.S., Management Science and Engineering, Stanford University, 2002

B. Tech, Electrical Engineering, Indian Institute of Technology, Bombay, 1998

**RESEARCH INTERESTS**

Disruption Risk Management, Supply Chain Risk, Role of the private sector in creating a society resilient to disasters.

**TEACHING EXPERIENCE**

- Operations and Technology Management, Full Time MBA – 2009, 2010, 2011
- Operations and Technology Management, Dubai-London Executive MBA – 2009
- Dynamic Programming and Stochastic Models, PhD Course - 2011

**PROFESSIONAL EXPERIENCE**

Assistant Professor Management Science & Operations, London Business School, UK	2008-
Algorithm Design Engineer SmartOps Inc. Pittsburgh, PA, USA	2002-2003
Research Assistant Radiology Department, Stanford University, CA, USA	2001-2002
Manager Unilever Plc. Bombay, India	1998-2000

## **PUBLICATIONS**

- Bakshi, N., P. R. Kleindorfer. 2009. “Co-opetition and Investment for Supply-Chain Resilience.”[Lead Article] *Production and Operations Management*, **18**(6), pp 583-603. (Winner of the Stan Hardy Award 2010; Wickham Skinner Award 2010 for best published paper in OM.)
- Bakshi, N., N. Gans. 2010. “Securing the Containerized Supply Chain: Analysis of Government Incentives for Private Investment.”[Lead Article] *Management Science*, **56**(2), pp 219-233. (An earlier version titled, “Securing the Containerized Supply Chain: An Economic Analysis of C-TPAT,” won the POMS Best Student Paper Contest, 2008)
- Bakshi, N., S. E. Flynn, N. Gans. 2011. “Estimating the Operational Impact of Container Inspections at International Ports.”[Featured Article] *Management Science*, **57**(1), pp 1-20.

## **OTHER PUBLICATIONS**

- Bakshi, N., V. Meyer, C. Myres. 2010. “The Vulnerabilities of the Power-Grid System: Renewable Microgrids as an Alternative Source of Energy.” *Journal of Business Continuity and Emergency Planning*, **4**(2).

## **WORKING PAPERS**

- Bakshi, N., K. Hosanagar, C. Van den Bulte. “New Product Diffusion with Social Attraction and Repulsion.”
- Bakshi, N., S. H. Kim, N. Savva. “Signaling Product Quality with After-Sales Service Contracts.”

## **WORK IN PROGRESS**

- Bakshi, N., W. Hwang, V. DeMiguel. “Improving Supplier Reliability with Contract Design”.
- Bakshi, N., E. Adida, V. DeMiguel. “Supply Chain Intermediation When Retailers Lead”.
- Bakshi, N., Y. Papanastasiou, N. Savva. “Strategic Stock-Outs”.
- Bakshi, N., E. Pinker. “On the use of Public Warnings for Counter-Terrorism Operations”.
- Bakshi, N. “Trading Inventory for Information and Speed - An Options based approach to Contingency Sourcing.”

## **CONFERENCE PRESENTATIONS**

- INFORMS Annual Meeting, 2011 (Charlotte, MI); *Signaling with Performance-Based Contracts* (Scheduled)
- M&SOM Annual Meeting, 2011 (Ann Arbor, MI); *Performance Contracting in Service-Support Supply Chains with an Informed Manufacturer*
- INFORMS Annual Meeting, 2009 (San Diego, CA); *Disruption Risk Management and Supply-Chain Resilience*
- INFORMS Annual Meeting, 2009 (San Diego, CA); *Securing the Containerized Supply Chain: Analysis of Government Incentives for Private Investment.*
- INFORMS Annual Meeting, 2009 (San Diego, CA); *Estimating the Operational Impact of Container Inspections at International Ports.*
- M&SOM Annual Meeting, 2009 (Boston, MA); *Estimating the Operational Impact of Container Inspections at International Ports.*
- POMS Annual Meeting, 2008 (San Diego, CA); *Securing the Containerized Supply Chain: An Economic Analysis of C-TPAT*
- INFORMS Annual Meeting, 2007 (Seattle, WA); *Securing the Containerized Supply Chain: An Economic Analysis of C-TPAT*
- INFORMS Annual Meeting, 2007 (Seattle, WA); *On Measuring Supply Chain Resilience*
- POMS Annual Meeting, 2007 (Dallas, TX); *Co-opetition & Investment in the Security of Global Supply Chains*
- M&SOM Annual Meeting, 2006 (Atlanta, GA); *Towards Disruption Free Supply Chains*
- Integrated Risk Management in Operations and Global Supply Chain Management Conference, 2006 (Ann Arbor, MI); *Trading Inventory for Information and Speed - An Options based approach to Contingency Sourcing*

## **INVITED TALKS**

2007-2008

- OM group, Carlson School, University of Minnesota
- OM group, Fuqua School, Duke University
- OM group, Indian School of Business, Hyderabad
- MEDS group, Kellogg School, Northwestern University
- ODT group, Kelley School of Business, Indiana University
- MSO group, London Business School
- OM group, Rotman School, University of Toronto
- DIT group, Smith School, University of Maryland

2008-2009

- Cambridge Networks Forum, University of Cambridge (March, 2009).

2010-2011

- Management Science group, London School of Economics (October 2010)
- Judge Business School, Cambridge University (March 2011)

2011-2012

- School of Business Administration, University of Miami (Scheduled for November 2011)

### **Participation on Prize Committees**

Reviewer, Best Student Paper Competition – POMS College of SCM, 2009.

**Ad-hoc Referee Work for Journals:** Management Science (MS), Operations Research (OR), Manufacturing and Service Operations Management (M&SOM), Production and Operations Management (POM), Journal of Operations Management (JOM), Annals of Operations Research, European Journal of Operational Research (EJOR), Naval Research Logistics (NRL), Reviewer for the M&SOM Services Special Interest Group (2009, 2011).

### **AWARDS**

- Wickham Skinner Award 2010. For the paper “Co-opetition and Investment for Supply-Chain Resilience”; adjudged by editors of *Production and Operations Management* (POM) as the best published paper in POM in 2009.  
Award Committee Citation: [http://www.poms.org/Best\\_Paper\\_Award\\_2010.pdf](http://www.poms.org/Best_Paper_Award_2010.pdf)
- Stan Hardy Award 2010. For the paper “Co-opetition and Investment for Supply-Chain Resilience”; adjudged by Midwest-DSI to be the best published paper in Operations Management in 2009 across 5 journals: *Decision Sciences*, *IJOM*, *JOM*, *M&SOM*, and *POM*.  
<http://www.pom.edu/mwdsi/MWDSI%20Stan%20Hardy%20Award%20Winners.htm>
- Winner, George B. Dantzig Dissertation Award, 2009. Awarded by INFORMS for the best dissertation that is innovative and relevant to the practice of Operations Research and the Management Sciences.  
<http://www.lionhrtpub.com/orms/news/informs/inf1209dantzig.html>
- Joint Winner: Best Student Paper Competition – Production and Operations Management Society, 2008. For the paper “Securing the Containerized Supply Chain: An Economic Analysis of C-TPAT”.
- Ackoff Fellowship, Wharton Risk Management & Decision Processes Center; 2007-2008.

- Penn Lauder CIBER (Center for International Business Education and Research) Grant for Dissertation Research; 2007.
- Participant, Wharton-OU grant for Intermodal Container Freight Security research – D.O.T. (\$128,000); 2007-2008.
- Participant, Wharton-Lockheed Martin grant for research on Decision Making and Mitigation of Catastrophic Risks – Lockheed Martin (\$150,000); Summer 2006.
- Wharton Doctoral Fellowship; 2003-2008.
- National Talent Search Scholar, Govt. of India; 1992-1994.

## **MEDIA COVERAGE**

- Securing the Containerized Supply Chain: Analysis of Government Incentives for Private Investment

<http://homelandsecuritynewswire.com/incentives-private-industry-risk-based-inspection-cargo-containers>

<http://esciencenews.com/articles/2010/02/19/shift.cost.port.security.government.private.industry.says.informs.study>

- Estimating the Operational Impact of Container Inspections at International Ports

<http://www.economist.com/node/21017090> (The Economist)

<http://bsr.london.edu/lbs-article/587/index.html> (Business Strategy Review)

<http://www.informs.org/article.php?id=1602> (Similar reports covering the INFORMS press release were published in a number of other websites related to Homeland Security research, e.g., eurekaalert, redorbit, etc.)

<http://www.homeland1.com/port-security/articles/587669-Order-in-the-port>

<http://www.nationaldefensemagazine.org/archive/2009/March/Pages/StudyBlastsContainerScanningProcess.aspx>

- Managing a disaster

<http://bsr.london.edu/lbs-article/603/index.html> (Business Strategy Review)

- The Resilient Society

<http://bsr.london.edu/lbs-article/620/index.html> (Business Strategy Review)