

CURRICULUM VITAE
KARTHIK V. NATARAJAN

IDENTIFYING INFORMATION

Academic Rank

Assistant Professor, Supply Chain and Operations Department
Carlson School of Management
University of Minnesota

Education

Degree	Institution	Date Degree Granted
B.E. (Hons)	Birla Institute of Technology and Science (BITS), Pilani Area – Mechanical Engineering	2008
M.Sc. (Hons)	Birla Institute of Technology and Science (BITS), Pilani Area – Chemistry	2008
Ph.D.	University of North Carolina at Chapel Hill Area – Operations	2013

Positions/Employment

University of Minnesota, Twin Cities Assistant Professor	7/2013 – to date
University of North Carolina at Chapel Hill Graduate Research Assistant	8/2008 – 7/2012
Honeywell Technology Solutions Lab, Bangalore, India Intern	1/2008 – 7/2008
Member – INFORMS, Production and Operations Management Society	

HONORS AND AWARDS

Finalist, Business Week Faculty of the Year Award, Carlson School of Management, 2019
Finalist, HOCM Best Paper Award Competition, POMS Conference, 2018
Outstanding Teaching Award, Carlson School of Management, 2016
Meritorious Service Award, Manufacturing and Service Operations Management Journal, 2016
UNC Kenan-Flagler Outstanding Graduating Doctoral Student Award, 2013
UNC Graduate School Dissertation Completion Fellowship, 2012-2013
UNC Kenan-Flagler Peggy Lee – Sunil Wahal Award for Research Excellence, 2012
Summer Research Fellow, Indian Institute of Technology Madras, 2006

RESEARCH

Publications

1. Natarajan, K.V. and J.M. Swaminathan. 2018. Global health. *Handbook of Healthcare Analytics: Theoretical Minimum for Conducting 21st Century Research on Healthcare Operations*, pp. 137-158.
2. Natarajan, K.V. and J.M. Swaminathan. 2017. Multi-treatment inventory allocation in humanitarian health settings under funding constraints. *Production and Operations Management*, 26(6), pp. 1015-1034.
3. Natarajan, K.V. and J.M. Swaminathan. 2014. Inventory management in humanitarian operations: impact of amount, schedule, and uncertainty in funding. *Manufacturing and Service Operations Management*, 16(4), pp. 595-603.

Papers Under Review/Revision

4. Mehrotra, M. and K.V. Natarajan. 2019. Value of combining patient and provider incentives in humanitarian healthcare service programs. Currently being revised for 2nd round review at *Production and Operations Management*.
5. Bansal, S. and K. V. Natarajan. 2019. Random yield procurement problem: critical-fractile solution and analysis of field data from experienced managers. Currently being revised for resubmission to *Journal of Operations Management*. Earlier decision: reject and resubmit.
6. Karimi, A., K.V. Natarajan and K. K. Sinha. 2019. Managing commodity stock-outs in public health supply chains in developing countries: an empirical analysis. Currently being revised for resubmission to *Production and Operations Management*. Earlier decision: reject and resubmit.
 - An earlier version of this paper was a finalist for the **HOCM Best Paper Award Competition** at the POMS 2018 conference.
7. Martin, P., D. Gupta and K.V. Natarajan. 2019. Vaccine Procurement Contracts for Developing Countries. Under review at *Production and Operations Management*.

Working Papers

8. Huang, X., Natarajan, K.V. and K. Ramachandran. 2018. Designing products for developing markets: the impact of prosocial inclination on product positioning and pricing. To be submitted to *Manufacturing and Service Operations Management*.
9. Natarajan, K.V. and J.M. Swaminathan. 2018. Coordinating demand and supply in funding-constrained developing country health supply chains. To be submitted to *Production and Operations Management*.

Work In Progress

10. Natarajan, K.V., K. Linderman and A. Orsdemir. 2018. Impact of certifications on the smallholder farmer livelihood and environmental sustainability: the case of coffee.

Presentations, Posters, and Exhibits

Invited Seminars

- Minnesota Population Center, University of Minnesota, Nov. 2018
- Olin Business School, Washington University at St. Louis, Apr. 2018
- Humphrey School of Public Affairs, University of Minnesota, Feb. 2018
- ISOM Workshop, University of Florida, Feb. 2016
- Carlson School of Management, University of Minnesota, Jan. 2013
- Scheller College of Business, Georgia Institute of Technology, Jan. 2013
- Indian School of Business, Jan. 2013
- LeBow College of Business, Drexel University, Dec. 2012
- Mendoza College of Business, University of Notre Dame, Dec. 2012

Invited Presentations at Conferences

1. Karimi, A., K.V. Natarajan and K. K. Sinha. 2017. Operational drivers of stock-outs in reproductive health supply chains: an empirical study
— MSOM Conference, Chapel Hill, June 2017
2. Mehrotra, M. and K. V. Natarajan. Optimal provider and patient incentives in funding-constrained humanitarian healthcare service settings
— INFORMS Annual Meeting, Nashville, November 2016
— INFORMS Annual Meeting, Phoenix, November 2018
3. Natarajan, K.V. and J.M. Swaminathan. Supply- vs. demand-side funding in humanitarian operations
— INFORMS Annual Meeting, Philadelphia, November 2015
— POMS Annual Conference, Washington D. C., May 2015
— INFORMS Annual Meeting, San Francisco, November 2014
— INFORMS Annual Meeting, Minneapolis, October 2013
4. Natarajan, K.V. and J.M. Swaminathan. Inventory management in humanitarian operations: impact of amount, schedule, and uncertainty in funding
— INFORMS Annual Meeting, Phoenix, October 2012
— MSOM Conference, New York, June 2012
— POMS Annual Conference, Chicago, April 2012
5. Natarajan, K.V., D. Kostamis and A.J. Mersereau. Information sharing in a Cournot duopoly
— INFORMS Annual Meeting, Charlotte, November 2011
— MSOM Conference, Ann Arbor, June 2011

TEACHING AND CURRICULUM DEVELOPMENT

Courses Taught at the University of Minnesota

SCO 3001: Introduction to Operations Management (undergraduate)

SCO 6094: Responsible Supply Chain Management (MBA and Masters)

Curriculum Development

SCO 3001: Introduction to Operations Management (undergraduate)

SCO 6094: Responsible Supply Chain Management (MBA and Masters)

Courses Taught at the University of North Carolina at Chapel Hill

BUSI 403: Operations Management (undergraduate)

Teaching Cases

Swaminathan, J.M. and K.V. Natarajan. 2012. 1-800-Flowers.com. UNC Kenan-Flagler Business School case study and teaching note.

ADVISING AND MENTORING

Graduate Student Activities

Doctoral Students Advised

1. Dwaipayan Roy (co-advisor for first year summer paper)
2. Amir Karimi (co-advisor)

SERVICE AND PUBLIC OUTREACH

Service to the Discipline/Profession/Interdisciplinary Area(s)

Journal Reviewer Experience (total of 44 papers between 2012-2018)

1. Management Science
2. Manufacturing and Service Operations Management
3. Operations Research
4. Production and Operations Management
5. Decision Sciences
6. Journal of Operations Management
7. International Transactions in Operational Research
8. PLOS ONE

Jurors for artistic/creative works

Review board – 2016, 2017 and 2018 POM Supply Chain College Student Paper Competition

Review board – 2017 and 2018 MSOM Student Paper Competition

Service to the University/College/Department

Department/Unit Service

1. Coordinator, Supply Chain and Operations Department seminar series, 2015 – 2018
2. Member, faculty recruitment committee, fall 2015 and fall 2018
3. Member, PhD recruitment committee, fall 2014 – to date
4. Member, Masters in Supply Chain Management (MS-SCM) taskforce, July 2014 – June 2015
5. Advisor, Net Impact Undergraduate Chapter at Carlson, fall 2015 – to date

Public and Other Service

Program Committee Member (pro bono), OneVillage Partners, Minneapolis, MN