

Harish Guda | Curriculum Vitae

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Employment

- **Arizona State University** **Tempe, AZ**
Assistant Professor *August 2019 –*
Department of Supply Chain Management, W.P. Carey School of Business
- **Nordstrom Inc.,** **Seattle, WA**
Data Scientist Intern *June 2018 – August 2018*
Advanced Analytics and Data Science

Education

- **The University of Texas at Dallas** **Richardson, TX**
Ph.D. in Management Science *August 2013 – July 2019*
- **Indian Institute of Technology, Madras** **Chennai, India**
Bachelor of Technology, Mechanical Engineering *August 2009 – June 2013*

Research Interests

- **Applications:** Two Sided Markets and Marketplace Design, Retail Operations, Pricing and Revenue Management.
- **Methodologies:** Game Theory and Information Economics, Optimization, Dynamic Programming.

Research Papers

Journal Publications.....

- Your Uber Is Arriving: Managing On-Demand Workers through Surge Pricing, Forecast Communication and Worker Incentives. [DOI]
 - Joint work with Upender Subramanian.
 - **Management Science**, 65 (5), 1995 – 2014, May 2019.
 - Second Prize, POMS College of SCM Student Paper Competition, 2018.
- Optimal Policy for a Stochastic Scheduling Problem with Applications to Surgical Scheduling. [DOI]
 - Joint work with Milind Dawande, Ganesh Janakiraman and Kyung Sung Jung.
 - **Production and Operations Management**, 25(7), 1194–1202, July 2016.

Working Papers/Under Review.....

- An Economic Analysis of Agricultural Support Prices in Developing Economies. [SSRN]
 - Joint work with Tharanga Rajapakshe, Milind Dawande and Ganesh Janakiraman.
 - Invited for Third Round of Review at **Production and Operations Management**.
 - Finalist, POMS College of SCM Student Paper Competition, 2019.

- “Seemingly-Beneficial” Interventions. [SSRN].
 - Joint work with Milind Dawande and Ganesh Janakiraman.
 - Submitted for First Round of Review to **MSOM**.

Talks and Presentations

- “Seemingly-Beneficial” Interventions.
 - POMS 2019, 2018.
- Managing On-Demand Workers through Surge Pricing, Forecast Communication and Worker Incentives.
 - Job-Market Paper (December 2018 – January 2019) presented at Nanyang Business School (Nanyang), Gies College of Business (UIUC), W.P. Carey School of Business (ASU), Ross School of Business (U Michigan), Fox School of Business (Temple U), Liautaud Graduate School of Business (UI Chicago), UCL School of Management (UC London).
 - INFORMS 2018, 2017, POMS 2018, Texas Economic Theory Camp 2017, Platform Strategy Symposium 2017, POMS 2017.
- Agricultural Support Prices in Developing Economies: Operational Analysis and Use in Policy Making.
 - POMS 2020, POMS 2019, 2017, 2016, MSOM 2017, INFORMS 2016.
- Optimal Policy for a Stochastic Scheduling Problem with Applications to Surgical Scheduling.
 - POMS 2017, 2016.

Teaching Interests

- **Operations and Supply Chain Management:** Operations Management, Demand and Revenue Management, Logistics and Distribution Management.
- **Analytics and Quantitative Methods:** Prescriptive Analytics, Operations Analytics, Business Statistics, Data Mining, Data Visualization, R Programming.

Teaching Experience

Arizona State University.....

- SCM 502: Operations and Supply Chain Management (MBA Core)
 - Fall 2019.
- Operations Planning/Execution (MBA Elective)
 - Fall 2019.

The University of Texas at Dallas.....

- OPRE 3310: Introduction to Operations Management (BS-BA Core).
 - Spring 2017: 4.95/5 (Nominated for Outstanding Student Teacher Award).
 - Fall 2017: 4.84/5.

Technical Skills

- **Data Analysis:** R (Extensive experience), SQL (MySQL, Teradata SQL), Tableau.
- **Programming Languages:** Python.
- **Scientific Computing:** MATLAB, OCTAVE, Mathematica.

Service

- **Ad-Hoc Reviewer for Journals:** Decision Sciences, Omega, POMS, Service Science.