

# SAMEER MEHTA

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## EDUCATION .....

- **The University of Texas at Dallas** Richardson, TX  
Ph.D., Management Science (Information Systems Concentration) 2015 – 2020 (Exp.)
- **Indian School of Business** Hyderabad, India  
Research Associate, Operations Management Group 2012 – 2015
- **Indian Institute of Technology, Kanpur** Kanpur, India  
Master of Science (Integrated), Mathematics and Scientific Computing 2007 – 2012

## RESEARCH INTERESTS .....

- Applications — Data Markets, Real-Time Advertising, Economics of Artificial Intelligence
- Methodologies — Mechanism Design, Dynamic Programming, Optimization

## RESEARCH PROJECTS .....

- Mehta, S., M. Dawande, G. Janakiraman, V. Mookerjee. 2019. *Sustaining a Good Impression: Mechanisms for Selling ‘Partitioned’ Impressions at Ad-Exchanges*. Forthcoming in **Information Systems Research**.
- Mehta, S., M. Dawande, G. Janakiraman, V. Mookerjee. 2019. *How to Sell a Dataset? Pricing Policies for Data Monetization*. Under 2<sup>nd</sup> round of review in **Management Science**.
  - A preliminar version appeared in **Proceedings of the 2019 ACM Conference on Economics and Computation (EC’19)**. [[Presentation video](#)]
- Deo, S., S. Mehta, C. Corbett. 2019. *Optimal Scale-Up of HIV Treatment Programs in Resource-Limited Settings Under Supply Uncertainty*. Under 1<sup>st</sup> round of review in **Production and Operations Management**.
- Mehta, S., M. Dawande, G. Janakiraman, V. Mookerjee. 2019. *Surgical Targeting: Analysis of Hyperlocal Advertising*. Work in Progress.

## TEACHING EXPERIENCE .....

- Independent Instructor: Introduction to Programming Fall 2018  
Class size: 60 | [Evaluation: 4.80/5.00](#)

## INDUSTRY COLLABORATIONS .....

- **Cidewalk Technologies Inc.** Boston, MA  
 Role: Academic Visitor | Funded by: The University of Texas at Dallas August 2019 –
  - Analyzing pricing strategies for hyperlocal advertising
- **Narrative I/O Inc.** New York City, NY  
 Role: Academic Visitor | Funded by: The University of Texas at Dallas April 2019 –
  - Invited by the CEO to discuss my research on data monetization [[Blog article](#)]
  - Identified important problems in the pricing and commodification of data
- **PATH** Mumbai, India  
 Role: Research Associate | Funded by: Bill and Melinda Gates Foundation 2014 – 2015
  - Developed mathematical models to improve the delivery of tuberculosis diagnosis and treatment in the private sector

## AWARDS .....

- Graduate Research Fellowship, The University of Texas at Dallas 2017 – 2018
- Doctoral Student Scholarship, The University of Texas at Dallas 2015 – Present
- Recipient of the INSPIRE scholarship, IIT Kanpur 2008 – 2012
- Ranked 13<sup>th</sup> in Regional Mathematics Olympiad, NBHM, India 2006
- Ranked in top 1% in Physics Olympiad, IAPT, India 2006
- Recipient of the National Talent Search Scholarship, NCERT, India 2005 – 2008

## INVITED TALKS .....

- **How to Sell a Dataset? Pricing Policies for Data Monetization**
  - INFORMS Annual Meeting, Seattle, WA (scheduled) Oct 2019
  - Conference on Information Systems and Technology, Seattle, WA (scheduled) Oct 2019
  - The 20<sup>th</sup> ACM Conference on Economics and Computation, Phoenix, AZ June 2019
  - INFORMS Workshop on Market Design, Phoenix, AZ June 2019
  - POMS Annual Conference, Washington, D.C. May 2019
- **Sustaining a Good Impression: Mechanisms for Selling ‘Partitioned’ Impressions at Ad-Exchanges**
  - Conference on Information Systems and Technology, Phoenix, AZ Nov 2018
  - INFORMS Annual Meeting, Phoenix, AZ Nov 2018
  - Texas Economic Theory Camp, SMU, Dallas, TX Oct 2018
  - MSOM Annual Conference, UNC at Chapel Hill, NC July 2017

- Third Workshop on Marketplace Innovation, Stanford University, CA June 2017
- POMS Annual Conference, Seattle, WA May 2017
- **Optimal Scale-Up of HIV Treatment Programs in Resource-Limited Settings Under Supply Uncertainty**
  - INFORMS Annual Meeting, Phoenix, AZ Nov 2018
  - MSOM Annual Conference, UNC at Chapel Hill, NC July 2017

## SELECTED COURSEWORK .....

- **At The University of Texas at Dallas**
  - Theory — Optimization, Stochastic Models in OR, Deterministic Models in OR, Advanced Managerial Economics, Game Theory, Advanced Statistics & Probability, Stochastic Dynamic Programming, Doctoral Seminar in (i) Structural Modeling and (ii) Game Theory
  - Applied — Applied Econometrics, Advanced Topics in Knowledge Management, Doctoral Seminar in (i) Knowledge Management and (ii) Econometrics
- **At Indian School of Business**
  - Operations Management, Decision Models and Optimisation, Pricing and Revenue Optimization (Audit), Designing and Managing Effective Healthcare Delivery Systems (Audit)
- **At Indian Institute of Technology, Kanpur**
  - Theory — Probability Theory I & II, Multivariate Analysis, Order Statistics, Inference, Approximation Theory, Topology, Theory of Computation, Discrete Mathematics, Differential Geometry
  - Applied — Mathematical Modeling, Statistical Simulation and Data Analysis, Applied Stochastic Processes, Regression Analysis, Fundamentals of Computing, Data Structures and Algorithms
- **Open Online Courses**
  - Blockchain Basics, Smart Contracts, The Data Scientist's Toolbox, Linear and Integer Programming, An Introduction to Operations Management

## TECHNICAL SKILLS .....

- Analytics — R, Python, Java
- Model Analysis — MATLAB, Mathematica, CPLEX

## SERVICE .....

- Reviewer — Management Science, ICIS 2019

## REFERENCES .....

- Professor Vijay Mookerjee  
Charles and Nancy Davidson Chair in Information Systems  
Naveen Jindal School of Management  
The University of Texas at Dallas  
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- Professor Milind Dawande  
Mike Redeker Distinguished Professor in Management  
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- Professor Ganesh Janakiraman  
Ashbel Smith Professor in Management  
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