

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 Ecosystem, Artificial Intelligence Markets
- 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 2nd 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 1st 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 13th 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 20th 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
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- Professor Milind Dawande
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- Professor Ganesh Janakiraman
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