

AUYON A. SIDDIQ

UCLA Anderson School of Management

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APPOINTMENTS

UCLA Anderson School of Management

2018 –

Assistant Professor of Decisions, Operations & Technology Management

EDUCATION

University of California, Berkeley

PhD, Operations Research (Minors in Statistics and Computer Science)

2013 – 2018

MS, Operations Research

2013 – 2014

University of Toronto

MASc, Industrial Engineering

2011 – 2013

Dalhousie University

BEng, Electrical Engineering

2006 – 2011

RESEARCH

Platform Disintermediation: Information Effects and Pricing Remedies.

with Shreyas Sekar.

Major revision, **Management Science**.

Planning Bike Lanes with Data: Ridership, Congestion, and Path Selection.

with Sheng Liu and Jingwei Zhang.

Minor revision, **Management Science**.

- Winner, INFORMS Public Sector Operations Research (PSOR) Best Paper Award, 2023.
- Winner, POMS College of Sustainable Operations Student Paper Competition (Zhang), 2022.
- Second Place, INFORMS Service Science Best Student Paper Award, 2022 (Zhang).
- Second Place, Section on Location Analysis Best Student Paper Award (Zhang), 2023.
- Finalist, INFORMS Data Mining and Decision Analytics Best Paper Award (Applied Track), 2022.

Discovering Causal Models with Optimization: Confounders, Cycles, and Instrument Validity.

with Frederick Eberhardt and Nur Kaynar.

Forthcoming, **Management Science**.

Estimating Effects of Incentive Contracts in Online Labor Platforms.

with Nur Kaynar.

Management Science (2023), Vol. 69, No. 4: 1935–2545.

Shield-Net: Matching Supply with Demand for Face Shields During the COVID-19 Pandemic.

with Rebecca Alcock and Justin Boutilier.

INFORMS Journal on Applied Analytics (2022), Vol. 52, No. 6: 471–582.

- Finalist, Doing Good with Good OR Student Paper Competition (Alcock), 2021.

Ride-hailing Platforms: Competition and Autonomous Vehicles.

with Terry Taylor.

M&SOM (2022), Vol. 24, No. 3: 1511–1528.

Partnerships in Urban Mobility: Incentive Mechanisms for Improving Public Transit Adoption.

with Christopher S. Tang and Jingwei Zhang.

M&SOM (2022), Vol. 24, No. 2: 956–971.

Data-Driven Incentive Design in the Medicare Shared Savings Program.

with Anil Aswani and Zuo-Jun (Max) Shen.

Operations Research (2019), Vol. 67, No. 4: 1002–1026.

- Second Place, INFORMS Health Application Society Pierskalla Best Paper Award, 2016.

Inverse Optimization with Noisy Data.

with Anil Aswani and Zuo-Jun (Max) Shen.

Operations Research (2018), Vol. 66, No. 3: 870–892.

- Berkeley IEOR Katta G. Murty Prize, 2016.

Robust Defibrillator Deployment Under Cardiac Arrest Location Uncertainty via Row-and-Column Generation.

with Timothy C. Y. Chan and Zuo-Jun (Max) Shen.

Operations Research (2018), Vol. 66, No. 2: 358–379.

- Winner, Canadian Operational Research Society Student Paper Competition, 2014.
- Second Place, INFORMS Health Applications Society Student Paper Competition, 2017.

Modeling the Impact of Public Access Defibrillator Range on Cardiac Arrest Coverage.

with Steven C. Brooks and Timothy C. Y. Chan.

Resuscitation (2013), Vol. 84, No. 7: 904–909.

TEACHING

Data and Decisions (MGMTFT 402).

Fall 2018 –

Full-Time MBA, Anderson School of Management, UCLA.

Optimization (MGMTMSA 403).

Fall 2019 –

Master of Science in Business Analytics, Anderson School of Management, UCLA.

ADVISING

Jingwei Zhang (Dissertation Co-Chair with Christopher S. Tang)

2023

Placement: Assistant Professor, SC Johnson College of Business, Cornell University

Nur Kaynar (Dissertation Chair)

2022

Placement: Assistant Professor, SC Johnson College of Business, Cornell University

AWARDS

Management Science Meritorious Service Award	2023
Dean's Prize for Outstanding Faculty Mentorship of Ph.D. Students	2023
Eric and E Juline Faculty Excellence in Research Award	2022
M&SOM Meritorious Service Award (x2)	2022, 2020
Poets&Quants Best 40-Under-40 Business School Professors	2020
Berkeley Haas EMBA Outstanding Graduate Student Instructor Award (x2)	2016, 2018
NSERC Postgraduate Scholarship – Doctoral	2014 – 2017
UC Berkeley Teaching Effectiveness Award	2015
Berkeley IEOR Outstanding Graduate Student Instructor Award	2015
NSERC Postgraduate Scholarship – Masters	2012
NSERC Undergraduate Student Research Award (x3)	2007, 2008, 2010
Canadian National Millennium Scholarship	2006 – 2010
Dalhousie University Chancellor's Scholarship	2006 – 2009

GRANTS

UCLA Society of Hellman Fellows Award	2022 – 2023
UCLA Easton Center Faculty Research Award	2022 – 2023
Co-Principal Investigator, National Science Foundation (RAPID), \$100,000	2020 – 2021

TALKS

2023: Berkeley (Haas), Cornell (Johnson), Duke (Fuqua), Penn (Wharton), Toronto (Rotman), INFORMS RMP Conference, INFORMS Annual Meeting, SoCal OR/OM Day

2022: Berkeley (Haas), Toronto (Rotman; OM Young Scholar Seminar Series), Amazon (Logistics Research Seminar)

2021: Dartmouth (Tuck)

2020: MIT (Data Science Lab)

2019: INFORMS Annual Meeting, Toronto (MIE)

<2019: INFORMS Annual Meeting (2015-2018), INFORMS International (2016)

SERVICE

Reviewer, <i>INFORMS Journal on Optimization, Management Science, Manufacturing & Service Operations Management, Mathematical Programming, Naval Research Logistics, Operations Research, Production and Operations Management</i>	2016 –
Co-Chair, Optimization and Analytics Cluster, CORS / INFORMS International	2022
Co-Chair, Healthcare Analytics Track, POMS Annual Conference	2019

INDUSTRY

ExxonMobil, Calgary, Canada
Four internships across research and engineering divisions.

2009 – 2011