

Auyon 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 2013 – 2018
PhD, Operations Research
MS, Operations Research 2013 – 2014

University of Toronto 2011 – 2013
MAsc, Industrial Engineering

Dalhousie University 2006 – 2011
BEng, Electrical Engineering

Research

Published / Accepted:

Shield-Net: Matching Supply with Demand for Face Shields During the COVID-19 Pandemic.
with Rebecca Alcock and Justin Boutilier.

Forthcoming, **INFORMS Journal on Applied Analytics**.

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

Ride-hailing Platforms: Competition and Autonomous Vehicles.

with Terry Taylor.

Forthcoming, **M&SOM**.

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

with Christopher S. Tang and Jingwei Zhang.

Forthcoming, **M&SOM**.

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.

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

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.

Working / In progress:

Estimation of a Non-Parametric Principal-Agent Model with Hidden Actions.

with Nur Kaynar.

Major revision, **Management Science**.

Discovering Causal Models with Optimization: Confounders, Cycles, and Feature Selection.

with Frederick Eberhardt and Nur Kaynar.

Submitted.

Talks

Tuck School of Business, Dartmouth College, October 2021

Data Science Lab, MIT, June 2020

INFORMS Annual Meeting, Seattle, WA, 2019

University of Toronto, 2019

Southern California OR/OM Day, UC Irvine, 2019

INFORMS Annual Meeting, Phoenix, AZ, 2018

INFORMS Annual Meeting, Houston, TX, 2017

INFORMS Annual Meeting, Nashville, TN, 2016

INFORMS International, Hawaii, 2016

INFORMS Optimization Society, Princeton, NJ, 2015

INFORMS Annual Meeting, Philadelphia, PA, 2015

Canadian Operational Research Society Annual Meeting, Ottawa, Canada, 2014

INFORMS Annual Meeting, Minneapolis, MN, 2013

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.

Awards

M&SOM Meritorious Service Award	2020
Poets&Quants Best 40 Under 40 MBA 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

Co-Principal Investigator, National Science Foundation (RAPID), \$100,000	2020 – 2021
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Service

Co-Chair, Healthcare Analytics Track, POMS Annual Conference	2019
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–

Industry Experience

ExxonMobil, Calgary, Canada	2009 – 2011
Four internships across research and engineering divisions.	