

Nur Kaynar

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Academic Appointments

Samuel Curtis Johnson Graduate School of Management, Cornell University 2022 - present
Assistant Professor of Operations, Technology and Information Management (OTIM)

Education

University of California, Los Angeles 2017-2022
Anderson School of Management
Ph.D. in Decisions, Operations, and Technology Management

Bilkent University, Turkey 2015-2017
M.Sc., Industrial Engineering

Bilkent University, Turkey 2010-2015
B.Sc., Industrial Engineering

Publications

Discovering Causal Models with Optimization: Confounders, Cycles, and Feature Selection.
with Auyon Siddiq, Frederick Eberhardt.
Major revision, *Management Science*.
Accepted for presentation in the 16th INFORMS Workshop on Data Mining and Decision Analytics.
Available online: <http://ssrn.com/abstract=3873034>

Estimating Effects of Incentive Contracts in Online Labor Platforms.
with Auyon Siddiq.
Forthcoming, *Management Science*.
Available online: <https://papers.ssrn.com/abstract=3431383>

Data-driven decision support tools for assessing the vulnerability of community water systems to groundwater contamination in Los Angeles County.
with Kelsea Best, Aisha Najera Chesler, Michelle Miro, and Rachel Kirpes.
Environmental Science & Policy. 393-400, 2021.

Approaches to analyzing the vulnerability of community water systems to groundwater contamination in Los Angeles County.
with Kelsea Best, Aisha Najera Chesler, Michelle Miro, and Rachel Kirpes.
Research in Mathematics and Public Policy. Springer, Cham, 19-28, 2020.

Equitable decision making approaches over allocations of multiple benefits to multiple entities
with Özlem Karsu.
Omega. 81:85-98, 2017.

Teaching

Anderson School of Management, **University of California, Los Angeles**

Optimization, Master of Business Analytics Program Teaching Assistant, Winter 2022 (scheduled)

Data and Decisions, Executive MBA Program Teaching Assistant, Summer 2021

Data and Decisions, Fully-Employed MBA Program Teaching Assistant, Fall 2020

Data and Decisions, Executive MBA Program Teaching Assistant, Fall 2020

Optimization, Master of Business Analytics Program Teaching Assistant, Fall 2019

Data and Decisions, Executive MBA Program Teaching Assistant, Summer 2019

Data and Decisions, MBA Program Teaching Assistant, Fall 2018

Conferences and Talks

Discovering Causal Models with Optimization

16th INFORMS Workshop on Data Mining and Decision Analytics, October 2021 (scheduled)

INFORMS Annual Meeting, October 2021 (scheduled)

INFORMS Healthcare Conference, July 2021

California Institute of Technology, HSS Seminar, July 2021

Imperial-LBS-UCL ORMS Seminars, June 2021

MSOM Conference, June 2021

INFORMS Annual Meeting, November 2020

Learning Hidden Action Principal-Agent Models

INFORMS Annual Meeting, October 2019

A Spatial Model of the Opioid Epidemic in California

INFORMS Annual Meeting, October 2018

Handling Multi-Dimensional Efficiency and Equity Concerns

IMA and OR Society Conference on Mathematics of Operational Research, UK, April 2017

National Operations Research and Industrial Engineering Congress, Turkey, June 2016

Service

Session co-chair (Causality, Machine Learning, and Optimization, with Auyon Siddiq), INFORMS Annual Meeting, 2021.

Member of the technical program committee and referee for 20th IEEE 2021 International Conference on Machine Learning and Applications (ICMLA, 2021).

Referee for 37th Conference on Uncertainty in Artificial Intelligence (UAI, 2021).

Committee member for 8th Causal Inference Workshop at 37th Conference on Uncertainty in Artificial Intelligence (UAI, 2021).

Workshops

Causality, 2022. **Simons Institute for Theory and Computing**, University of California, Berkeley.

Causal Discovery & Causality-Inspired Machine Learning, 2020. **Conference on Neural Information Processing Systems (NeurIPS)**.

Women in Mathematics and Public Policy, 2019. **Institute for Pure & Applied Mathematics**, University of California, Los Angeles.