

SCOTT RODILITZ

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Updated July 2022

POSITIONS

Asst. Professor , UCLA Anderson School of Management Decisions, Operations, and Technology Management Area	2022-present
Postdoctoral Fellow , Stanford Graduate School of Business Host: Daniela Saban	2021-2022

EDUCATION

PhD Yale University School of Management, Operations Dissertation: <i>Sharing the Sharing Economy: Policy Design for Social Good</i> Advisor: Vahideh Manshadi	2016-2021
BA Williams College, Mathematics and Economics	2009-2013

RESEARCH INTERESTS

Platform Design • Crowdsourcing • Nonprofit Operations • Public Policy • Analysis of Complex Stochastic Systems • Data-driven Optimization

RESEARCH

Working Papers

1. "Commitment on Volunteer Crowdsourcing Platforms: Implications for Growth and Engagement," with Irene Lo, Vahideh Manshadi, and Ali Shameli. Major Revision, *Manufacturing & Service Operations Management (MSOM)*.
2. "Online Algorithms for Matching Platforms with Multi-Channel Traffic," with Vahideh Manshadi, Daniela Saban, and Akshaya Suresh. Under Review.

Journal Articles

1. "Diffusion in Random Networks: Impact of Degree Distribution," with Vahideh Manshadi and Sidhant Misra. *Operations Research* 2020.
2. "Snapshot Models of Undocumented Immigration," With Ed Kaplan. *Risk Analysis* 2020.
 - Honorable Mention, INFORMS Public Sector OR Best Paper Award 2019
3. "Online Policies for Efficient Volunteer Crowdsourcing," with Vahideh Manshadi. *Management Science* 2022.
 - Second Place, MSOM Best Student Paper Competition 2021
 - Third place, Michael H. Rothkopf Junior Researcher Paper Prize 2020
 - Finalist, INFORMS Public Sector OR Best Paper Award 2020
 - Finalist, INFORMS Service Section IBM Best Student Paper Competition 2021
4. "Fair Dynamic Rationing" With Vahideh Manshadi and Rad Niazadeh. Forthcoming in *Management Science*.
 - Winner, Michael H. Rothkopf Junior Researcher Paper Prize 2021 (Entrant: Rad Niazadeh)

Peer-Reviewed Conference Proceedings

1. "Online Algorithms for Matching Platforms with Multi-Channel Traffic," with Vahideh Manshadi, Daniela Saban, and Akshaya Suresh. Accepted to the 23rd ACM Conference on Economics and Computation (EC '22).
2. "Fair Dynamic Rationing" With Vahideh Manshadi and Rad Niazadeh. Accepted to the 22nd ACM Conference on Economics and Computation (EC '21).
3. "Online Policies for Efficient Volunteer Crowdsourcing," with Vahideh Manshadi. *Proceedings of the 21st ACM Conference on Economics and Computation (EC '20)*.
4. "Diffusion in Random Networks: Impact of Degree Distribution," with Vahideh Manshadi and Sidhant Misra. *Proceedings of the 13th Workshop on the Economics of Networks, Systems and Computation (NetEcon '18)*.

AWARDS AND HONORS

Honorable Mention, George B. Dantzig Dissertation Award	2021
Second Place, MSOM Best Student Paper Competition	2021
Third Place, Rothkopf Junior Researcher Paper Prize (INFORMS AMD Section)	2020
Honorable Mention, INFORMS Public Sector OR Best Paper Award	2019, 2020
Honorable Mention, INFORMS Service Science Section Best Student Paper	2021
Visitor, Simons Institute for the Theory of Computing at UC Berkeley	2019
Recipient, Harry and Heesun You Fellowship	2019
<ul style="list-style-type: none">• Awarded to one student across all Yale SOM Ph.D. programs	
Inductee, Phi Beta Kappa Society	2012
Member, Williams College Dean's List	2009-2013

INVITED TALKS AND SELECTED PRESENTATIONS

Online Algorithms for Matching Platforms with Multi-Channel Traffic

EC 2022, MSOM Conference 2022, INFORMS RMP Conference 2022, Marketplace Innovation Workshop 2022, University of Toronto Young Scholar Seminar Series

Fair Dynamic Rationing

MSOM Service SIG 2022, INFORMS RMP Conference 2021, FORC 2021, ACM EAAMO 2021

Online Policies for Efficient Volunteer Crowdsourcing

Lyft, Inc., Columbia University, UC San Diego, UCLA, Boston University, University of Utah, Boston College, University College London, School of Management, UC Berkeley, Dartmouth University, MD4SG 2020, ACM EC 2020, FORC 2021

Crowdsourcing Food Recovery: A Platform Design Study

Kellogg-Wharton OM Workshop 2020, INFORMS Annual Meeting 2019

Snapshot Models of Undocumented Immigration

Operations Research Society of Israel 2019

Diffusion in Random Networks: Impact of Degree Distribution

INFORMS RMP Conference 2019, INFORMS Annual Meeting 2018, NetEcon 2018

SERVICE

Program Committee

Conference on Web and Internet Economics (WINE)	2022
ACM EAAMO	2021, 2022
Workshop on Operations of People-Centric Systems	2021

Reviewer

Management Science, Operations Research, Manufacturing & Service Operations Management, Artificial Intelligence, Transactions for Economics and Computation

TEACHING EXPERIENCE

Yale University

Teaching Assistant, Big Data	2020
Teaching Assistant, Sports Analytics	2017-2018

Georgia Institute of Technology

Guest Lecture, Online Learning and Decision Making	2020
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Kingswood Oxford School

Math Teacher, various courses including AP Statistics and Calculus	2013-2016
Coach, cross country and track and field	2014-2016

WORK EXPERIENCE

Lyft, Research Science Intern	Summer 2019
Boulder Running Camps, Director of Operations	2013-2018
Kingswood Oxford School, Teacher and Coach	2013-2016

OTHER SKILLS AND INTERESTS

Linguistic: English • Spanish (intermediate)

Athletic: Running (XC and T&F captain at Williams College) • Soccer • Climbing