

# SCOTT RODILITZ

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(310) 710-0733

## POSITIONS

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

## EDUCATION

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| <b>PhD</b> Yale University School of Management, Operations<br>Advisor: Vahideh Manshadi | 2016-2021 |
| <b>BA</b> Williams College, Mathematics and Economics                                    | 2009-2013 |

## RESEARCH INTERESTS

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

## RESEARCH

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### Published Papers

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

### 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. "Fair Dynamic Rationing" With Vahideh Manshadi and Rad Niazadeh. Submitted to *Management Science*.
  - Winner, Michael H. Rothkopf Junior Researcher Paper Prize 2021 (Entrant: Rad Niazadeh)
3. "Online Algorithms for Matching Platforms with Multi-Channel Traffic," with Vahideh Manshadi, Daniela Saban, and Akshaya Suresh. In preparation.

## Peer-Reviewed Conference Proceedings

1. "Fair Dynamic Rationing" With Vahideh Manshadi and Rad Niazadeh. Accepted to the 22<sup>nd</sup> ACM Conference on Economics and Computation (EC '21).
2. "Online Policies for Efficient Volunteer Crowdsourcing," with Vahideh Manshadi. *Proceedings of the 21<sup>st</sup> ACM Conference on Economics and Computation (EC '20)*.
3. "Diffusion in Random Networks: Impact of Degree Distribution," with Vahideh Manshadi and Sidhant Misra. *Proceedings of the 13<sup>th</sup> Workshop on the Economics of Networks, Systems and Computation (NetEcon '18)*.

## AWARDS AND HONORS

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| 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       |
| • 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

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*Online Algorithms for Matching Platforms with Multi-Channel Traffic*  
University of Toronto Young Scholar Seminar Series

*Fair Dynamic Rationing*

INFORMS RMP Conference 2021, MSOM 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

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### Program Committee

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| 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**

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**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

**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**

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**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**

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**Linguistic:** English ▪ Spanish (intermediate)

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