

# Danqi Luo

Rady School of Management  
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## Employment

**UC San Diego Rady School of Management.**

Assistant Professor of Innovation, Technology and Operations, 2021-

## Education

**Graduate School of Business, Stanford University.**

Ph.D., Operations, Information and Technology, 2021.

**Bryn Mawr College.**

B.A. in **Mathematics**, Department of Mathematics, 2015.

B.A. in **Physics**, Department of Physics, 2015.

## Research Interests

Healthcare Operations Management, Machine Learning, Causal Inference, Behavioral Operations Management, Service Operations Management, Decision Making under Uncertainty

## Papers

**D. Luo**, M. Aratow, M. Bayati, E. Plambeck. "Low-Acuity Patients Delay High-Acuity Patients in the Emergency Department", submitted to Management Science

**D. Luo**, M. Bayati, E. Plambeck. "The Power of Information Provision: A Study in an Emergency Department", working paper

**D. Luo**, M. Bayati, E. Plambeck. "Physicians are Under Ordering: a Study in a Crowded ED", working paper

**D. Luo**, B. Armbruster. "The Cost of Simplicity: The Accuracy-Complexity Tradeoff For Disease Transmission Models", working paper

## Teaching Experiences

### UC San Diego Rady School of Management

Co-instructor with Vincent Nijs, Math and Programming for Business Analytics, **Summer 2021**

### Stanford Graduate School of Business

TA, OIT 367: Business Intelligence from Big Data (MBA Elective), **Spring 2019**

TA, OIT 262: Operations (MBA Core), **Spring 2018**

TA, OIT 272: Online Marketplaces (MBA Elective), **Winter 2018**

## Bryn Mawr College

TA, Quantum Mechanics, Physics Department, **Fall 2015**  
 Certified Tutor, Dean's office Tutoring Program, **2013-2015**

## Selected Conference and Seminar Presentations

**D. Luo**, M. Bayati, E. Plambeck, "Low-Acuity Patients Delay High-Acuity Patients in the Emergency Department"

INFORMS 2020

Workshop for Empirical Research in Operations Management, Wharton 2020

Kellogg-Wharton OM workshop, 2020

INFORMS 2019, *Seattle, WA*

INFORMS Healthcare 2019, *Cambridge, MA*

MSOM 2019, *Singapore*

INFORMS Annual Meeting 2018, *Phoenix, AZ*

MSOM Conference and Special Interest Group (SIG) Meetings 2018, *Dallas, TX*

**D. Luo**, M. Bayati, E. Plambeck, "The Power of Information Provision: A field experiment in an Emergency Department"

INFORMS 2019, *Seattle, WA*

**D. Luo**, B. Armbruster, "The Cost of Simplicity: The Accuracy-Complexity Tradeoff for Disease Transmission Models"

INFORMS Annual Meeting 2014, *San Francisco, CA*

**D. Luo**, "The impact of HIV and AIDS on Africa's economic development"

Bryn Mawr and Beyond, Leadership, Innovation, and Liberal Arts (LILAC) Center, 2014, *Bryn Mawr, PA*

**D. Luo**, "Facility Location Problem and Its Solution Methods"

The Distressing Math Collective, 2014, *Bryn Mawr, PA*

**D. Luo**, J. Swann, "A Clinic Service Location Planning Analysis in the City of Atlanta"

Science Horizons Research Poster session, 2014, *Bryn Mawr, PA*

## Other Experiences

**President**, Chinese Women Collective at Stanford, Stanford University, **2016 - 2018**

– Supported and organized both social and academic activities for female students at Stanford.

**Business School Representative**, Graduate Student council at Stanford, Stanford University, **2016 - 2017**

– served the graduate student community by representing student interests in University affairs, supporting graduate student organization, and providing community events for graduate students.

**Treasurer & Major Representative**, Society of Physics Students (SPS), Bryn Mawr College, **2013-2015**

**President & Founder**, AiesecBM, Bryn Mawr College, **2012**

**Class Representative of Class 2015**, Bryn Mawr College, **2012**

## Selected Honors & Awards

**Stanford GSB Fellowship**, Stanford University, **2015 - 2020**

The Mahowald Family Fellowship Fund, **2018**

The John J. and Barrie N. Blake Fellowship Fund, **2018**

MBA Class of 1980 Doctoral Fellowship, **2017**

Charlie and Jean Smith Fellowship Fund, **2016**

Robert J. and Doreen D. Marshall Scholarship, **2015**

Hank McKinnell PhD Fellowship Fund, **2015**

**Graduate Voice and Influence Program Fellowships**, The Clayman Institute for Gender Research, Stanford University, **2017**

**EDGE: Enhancing Diversity in Graduate Education Doctoral Fellowship Program**, Stanford University, **2015**

**Sherman Fairchild Conference Fellowship in Science**, Bryn Mawr College, **2014**

**Leadership, Innovation, and liberal Arts Center Summer Funding**, LILAC, Bryn Mawr College, **2014**

**HHMI-funded Science Horizon Fellowship**, funded by the Howard Hughes Medical Institute (HHMI), **2013**

**Finalist of NAAAP Fellowship**, National Association of Asian American Professional (NAAAP) Philadelphia Chapter, **2012**

## **Additional Information**

*Programming Languages:* C/C++, C#, Python, R, Matlab/Simulink,  $\LaTeX$

*Software Capabilities:* CPLEX, MS Office, Mathematica, Adobe CS

*Language:* Chinese, German (academic proficiency)

*Other:* Pianist (12 years), Violin (6 years), skiing

Last updated: October 2020