

Robert J. Montgomery



EDUCATION

Ph.D. Management Science & Operations Management August 18, 2023

University of Chicago, Booth School of Business

Chicago, IL

Dissertation: *Improving Community Health Services in Remote Settings: Papers on Operations Management Approaches to Global Health*

Dissertation Advisor: Prof. Baris Ata

Dissertation Committee: Prof. Rene Caldentey, Prof. Linwei Xin, Prof. Levi DeValve, and Amy Lehman M.D.

MBA August 18, 2023

University of Chicago, Booth School of Business

Chicago, IL

B.S. Mathematics May 18, 2014

St. Lawrence University

Canton, NY

Honors Mathematics; Honors English

PROFESSIONAL EMPLOYMENT

The International Rescue Committee, 2023-present

New York, NY

Post-Doctoral Research Fellow

WCG Management LLC, 2014-2016

New York, NY

Analyst, Hedge Fund

TEACHING EXPERIENCE

University of Chicago, 2019-2021

Chicago, IL

Teaching Assistant, MBA Managerial Decision Modeling

9 total sections

Professor Baris Ata

University of Chicago, 2019

Chicago, IL

Teaching Assistant, Undergraduate Managerial Decision Modeling

1 section

Professor Baris Ata

University of Chicago, Summers 2018 and 2019

Chicago, IL

Teaching Assistant, Executive MBA Managerial Decision Modeling

2 total sections

Professor Baris Ata

St. Lawrence University, 2012

Canton, NY

Teaching Assistant, Introduction to Statistics

Professor Robin Lock

St. Lawrence University, 2011-2012

Canton, NY

Peer Instructor, General Chemistry

Professor Matthew Skeels

RESEARCH EXPERIENCE

Johns Hopkins Hospital, Summers 2010 and 2011

Baltimore, MD

Research Assistant, Department of Transplantation

Supervisor: Dr. Dorry Segev

PAPERS UNDER REVIEW

Last-mile Delivery of Malaria Prevention Products in The DRC: An Inventory Management Model Under Supply Chain Disruptions. Ata, B., Lehman, A. and **Montgomery, R.J.** (major revision with *Operations Research*)

https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4669501

JOURNAL PUBLICATIONS

A Constrained Optimization Approach to Improving a Maternal and Neonatal Community Health Program in Galmudug, Somalia. **Montgomery, R.J.**, Scudder, E., Tulloch, C., Jama, M., Kozuki, N., and Ata, B. (forthcoming in *Health Policy and Planning*)

Kidney Paired Donation: Optimal and Equitable Matchings in Bipartite Graphs. **Montgomery, R.J.** *Rose-Hulman Undergraduate Mathematics Journal* 17.1 (2016).

Transporting Live Donor Kidneys for Kidney Paired Donation: Initial National Results. Segev D.L., Veale J.L., Berger J.C., Hiller J.M., Hanto R.L., Leeser D.B., Geffner S.R., Shenoy S., Bry W.I., Katznelson S., Melcher M.L., Rees M.A., Samara E.N., Israni A.K., Cooper M., **Montgomery R.J.**, Malinzak L., Whiting J., Baran D., Tchervenkov J.I., Roberts J.P., Rogers J., Axelrod D.A., Simpkins C.E., Montgomery R.A. *American Journal of Transplantation* 11.2 (2011): 356-360.

PRESENTATIONS

INFORMS 2024 October 20-23

Seattle, WA

“Last-mile Delivery of Malaria Prevention Products in the DRC: An Inventory Management Model Under Supply Chain Disruptions.”

Community Based Health Optimization Workshop July 25-27, 2023

Juba, South Sudan

INFORMS 2023 October 15-18

Phoenix, AZ

“Last-mile Strategies for Delivery of Health Interventions in Sub-Saharan Africa.”

INFORMS 2022 October 16-19

Indianapolis, IN

“Constrained Optimization of Maternal and Neonatal CHW Packages Using the Lives Saved Tool.”

INFORMS 2021 October 24-27

Anaheim, CA

“Context Specific Recommendations for Community Health Worker Task Allocation in High Endemic Settings.”

INFORMS 2020 November 7-13

Virtual

“Last Mile Delivery in The Lake Tanganyika Region of The Democratic Republic of The Congo.”

INFORMS 2019 October 20-23

Seattle, WA

“Last Mile Delivery in The Lake Tanganyika Region of The Democratic Republic of The Congo.”

HONORS & LEADERSHIP APPOINTMENTS

Ph.D. Climate Committee 2019-2023

University of Chicago, Booth School of Business

Academic Honor Council 2011-2014

St. Lawrence University

Joan Donovan Commencement Speaker May 18, 2014

St. Lawrence University

The Douglas M. Brown Alumni Association Senior Award April 25, 2014

St. Lawrence University

This award is presented annually to two seniors who exemplify a well-rounded St. Lawrence experience. It honors students who have done well in their academic pursuits as well as in co-curricular activities.

Dan Sullivan Leadership Award April 25, 2014

St. Lawrence University

The award is presented in recognition of outstanding contributions made to St. Lawrence University and the greater community.

Student Government President 2012-2013

St. Lawrence University

Trustee Scholar 2010-2014

St. Lawrence University

This full scholarship is awarded to the top two university applicants.