

SHUBHAM AKSHAT

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EDUCATION

University of Maryland, College Park, MD, USA

2017 - 2022 (expected)

Ph.D. Candidate in Operations Management

Advisor: Dr. S. Raghavan

Robert H. Smith School of Business

Indian Institute of Technology (IIT) Delhi, India

2009 - 2013

Bachelor of Technology, Production & Industrial Engineering

RESEARCH INTERESTS

Fairness and Efficiency, Healthcare Operations, Empirical Research, Structural Estimation, Applied Probability.

RESEARCH PROJECTS

- Does Broader Sharing Improve Patient Outcomes? An Analysis of The Share 35 Liver Allocation Policy** (with Liye Ma and S. Raghavan) [Job-market paper]
 - Under review at *Manufacturing & Service Operations Management*
 - Accepted at the 2021 MSOM Healthcare SIG Meeting
 - Accepted at the 2021 Trans-Atlantic Doctoral Conference at the London Business School
- Heterogeneous Donor Circles for Fair Liver Transplant Allocation** (with S. Raghavan and Sommer E. Gentry)
 - Submitted at *Health Care Management Science*
 - Finalist, INFORMS Public Sector Operations Research 2020 Best Paper Award
 - Honorable Mention, Best Paper Award Competition 2020, *College of Healthcare Operations Management (CHOM), POMS*
 - Work invited to the Economics of Transplantation Workshop at the Stanford University (2020)
 - Selected for presentation at the 4th MD4SG workshop in August 2020 (Acceptance rate: 29%)
- Continuous Scoring Model for Fair Liver Transplant Allocation** (with S. Raghavan)
 - Preparing for submission at *Operations Research*

TEACHING EXPERIENCE

(Online) Course Instructor

- Business Statistics (BMGT 230), Undergraduate course Summer 2020
- Teaching Evaluation: **3.6/4.0**

Case Study Development

- Analytics Consulting (BMGT 434), Undergraduate course Summer 2020
- Based on the Heterogeneous Donor Circles for Fair Liver Transplant Allocation paper

Teaching Assistant

- Decision Modeling (BUSO 716), Core MBA course

Summer 2021

AWARDS AND FELLOWSHIPS

Jacob K. Goldhaber Travel Grant	2020, 2021
International Conference Student Support Award	2021
Finalist, INFORMS Public Sector Operations Research Best Paper Award	2020
Honorable Mention, Best Paper Award Competition, College of Healthcare Operations Management (CHOM), POMS	2020
Outstanding Graduate Assistantship Award	2020
Smith School Summer Fellowship	2018, 2019 and 2020

CONFERENCE PRESENTATIONS

Heterogeneous Donor Circles for Fair Liver Transplant Allocation

- POMS 2019 Conference (Washington, D.C.) 2019
- INFORMS Healthcare conference 2019 (Boston) 2019
- INFORMS 2019 Annual Meeting (Phoenix) 2019
- INFORMS 2020 Annual Meeting (Virtual) 2020

Does Broader Sharing Improve Patient Outcomes? Analysis of The Share 35 Liver Allocation Policy

- INFORMS 2020 Annual Meeting (Virtual) 2020
- POMS 2021 Conference (Virtual) 2021
- Trans-Atlantic Doctoral Conference 2021 at the London Business School 2021
- MSOM Healthcare SIG 2021 (Virtual) 2021
- INFORMS Healthcare conference 2021 (Virtual) 2021
- INFORMS 2021 Annual Meeting (Anaheim), Scheduled 2021

Continuous Scoring Model for Fair Liver Transplant Allocation

- INFORMS Healthcare conference 2021 (Virtual) 2021
- INFORMS 2021 Annual Meeting (Anaheim), Scheduled 2021

WORK EXPERIENCE

Analyst, Max Institute of Healthcare Management (ISB Hyderabad, India)	March 2015 - July 2017
Solutions Engineer, Entercoms Inc. (Pune, India)	June 2013 - March 2015

POSITIONS OF RESPONSIBILITY

Association for Doctoral Students, Robert H. Smith School of Business:

- President 2020-2021
- Social Chair 2019-2020

SOFTWARE SKILLS

Programming Languages: Python, R, Julia
 Solver & Software: Gurobi, Knitro

REFERENCES

Dr. S. Raghavan (Dissertation Chair)

Dean's Professor of Management Science & Operations Management

The Robert H. Smith School of Business & Institute for Systems Research

University of Maryland, College Park, MD, USA

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<https://www.terpconnect.umd.edu/~raghavan>

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Dr. Liye Ma (Dissertation Committee Member)

Associate Professor of Marketing

The Robert H. Smith School of Business

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Dr. Sommer E. Gentry (Dissertation Committee Member)

Professor, Mathematics Department

United States Naval Academy, Annapolis, MD, USA

Johns Hopkins University School of Medicine, Baltimore, MD, USA

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