

## ACADEMIC EMPLOYMENT

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**University of Chicago, Booth School of Business**  
Postdoctoral Principal Researcher

Chicago, IL  
2021–Current

## EDUCATION

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**Georgia Institute of Technology**

Atlanta, GA

Ph.D. in Operations Research

2021

M.S. in Statistics

2020

B.S. in Industrial and System Engineering

2015

B.S. in Discrete Mathematics

2015

## RESEARCH INTERESTS

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Stochastic simulation, simulation optimization, data-driven decision making.

## PUBLICATIONS

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### Journal Publications

1. “Finding Feasible Systems for Subjective Constraints Using Recycled Observations.” with S. Andradóttir, S.-H. Kim, and C. Park. *INFORMS Journal on Computing*, **34** (6): 3080-3095, 2022.

### Conference Proceedings

1. “Identifying the Best System in the Presense of Stochastic Constraints with Varying Thresholds.” with S. Andradóttir and S.-H. Kim, *Proceedings of the 2020 Winter Simulation Conference*, 2812-2020.

## WORKING PAPERS

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1. “Pruning Inferior Systems Using Subjective Constraints with Sequentially Added Thresholds.” with S. Andradóttir, S.-H. Kim, and C. Park.
2. “Selection of the Best in the Presence of Subjective Stochastic Constraints.” with S. Andradóttir and S.-H. Kim. **Submitted.**
3. “Finding a Portfolio of Best Systems for Subjective Constraints.” with S. Andradóttir and S.-H. Kim.
4. “Analyzing the Effects of Judicial Rotation on Criminal Sentencing: An Operations Management Perspective.” with B. Ata, R. Hester, and LW. Wein. **Submitted.**
5. “An Analysis of Pretrial Detention and its Unintended Consequences.” with B. Ata and C. Hannigan.
6. “A Queueing Model of Dynamic Pricing and Dispatch Control for Ride-Hailing Systems Incorporating Travel Times.” with A. Alwan and B. Ata. **Submitted.**
7. “Analysis And Improvement For Eviction Enforcement.” with B. Ata.

## TEACHING EXPERIENCE

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### Georgia Institute of Technology

Head Teaching Assistant

*ISYE 6420: Bayesian Statistics*

Spring 2019 – Spring 2021

Teaching Assistant

*ISYE 6225: Engineering Economy*

Fall 2018

*ISYE 4232: Advanced Stochastic System*

Spring 2018

*ISYE 6334: Operations Research for Supply Chains*

Fall 2017

*ISYE 3044: Simulation Analysis and Design*

Summer 2017

## TALKS

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1. *Feasibility Determination with Recycled Observations* at the 2018 INFORMS Annual Meeting, Phoenix, AZ.
2. *Selection Problem with Varying Constraint Thresholds* at the 2020 Winter Simulation Conference, online.
3. *Finding a Portfolio of Best Systems for Subjective Constraints* at the 2022 INFORMS Annual Meeting, Indianapolis, IN.

## REFERENCE

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### Branislav Vidakovic

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