

Ayush Sengupta, Ph.D.

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Last updated date: 12/23/2024

EDUCATION

Ph.D. in Operations & Information Management, Aug 2023

School of Business, University of Connecticut, Storrs

Dissertation: Essays on the Societal Impact of Ridesharing Platforms

M.B.A. in Industrial Management, Mar 2014

Indian Institute of Management Mumbai (formerly National Institute of Industrial Engineering)

B.E. in Production Engineering, May 2012

Jadavpur University, Kolkata

RESEARCH

Areas of Interest

Societal Impact of Digital Technologies, Gig Economy, Digital Platforms, Healthcare, Public Health, Sustainability, Quality Management

Methodologies

Econometrics, Natural Experiments, Difference-in-differences, Causal Inference

Working Papers

Ayush Sengupta. The Societal Impact of Ridesharing through Gig-Economy Employment: Opportunities and Equality. Under Review: *The Journal of Economic Inequality*.

Ayush Sengupta, Shu He, Miao Bai, Xinxin Li. [Ride-to-Health: The Impact of Ridesharing on Patients' Emergency Care Access.](#)

Ayush Sengupta, Shu He, Xinxin Li. [Book-or-Drive: The Impact of Ridesharing on the Automobile Industry.](#)

Work in Progress

Sengupta, A. Share-the-Road: Exploring the Relationship between Bicycle-Sharing and Ridesharing Platforms.

Calvert, C., and Sengupta, A. To Study How Active Learning Impacts Student Motivation to Attend Class at a Small Private University with Required Attendance.

CONFERENCE PRESENTATIONS

Ayush Sengupta. Share-the-Road: Exploring the Relationship between Bicycle-Sharing and Ridesharing Platforms. *INFORMS Annual Meeting 2024, Seattle, WA* Oct 20 – 23, 2024

Ayush Sengupta. The Societal Impact of Ridesharing through Gig-Economy Employment: Opportunities and Equality. *INFORMS Annual Meeting 2023, Phoenix, AZ* Oct 15 – 18, 2023

Ayush Sengupta, Shu He, Miao Bai, Xinxin Li. Ride-to-Health: The Impact of Ridesharing on Patients' Emergency Care Access. *INFORMS Annual Meeting 2022, Indianapolis, IN* Oct 16 – 19, 2022

Ayush Sengupta, Shu He, Miao Bai, Xinxin Li. Ride-to-Health: The Impact of Ridesharing on Patients' Emergency Care Access. *Platform Strategy Research Symposium, Boston, MA* Jul 19, 2022

Ayush Sengupta, Shu He, Miao Bai, Xinxin Li. Ride-to-Health: The Impact of Ridesharing on Patients' Emergency Care Access. *Conference on Health IT and Analytics (CHITA), Washington, DC*, Mar 4 – 5, 2022

Ayush Sengupta, Shu He, Miao Bai, Xinxin Li. The Impact of Ridesharing on Patients' Emergency Care Access. *INFORMS Annual Meeting 2021, Anaheim, CA (Hybrid)*, Oct 24 – 27, 2021

Ayush Sengupta, Shu He, Miao Bai, Xinxin Li. The Impact of Ridesharing on Patients' Emergency Care Access. *Conference on Information Systems and Technology (CIST) 2021, Newport Beach, CA (Hybrid)*, Oct 23 – 24, 2021

Ayush Sengupta. Book-Or-Buy: An Empirical Investigation of the Impact of Ride-Sharing Technologies on the Conventional Automobile Industry. *POMS Annual Conference 2021, Virtual*, Apr 30 – May 5, 2021

Ayush Sengupta, Cuihong Li, Hsiao-Hui Lee. Sustainable Quality: An Empirical Study of the Impact of CSR Performance on Product Quality. *POMS Annual Conference 2021, Virtual*, Apr 30 – May 5, 2021

Ayush Sengupta, Shu He, Xinxin Li. Book-or-drive: The Impact of Ridesharing on the Automobile Industry. *Conference on Information Systems and Technology (CIST) 2020, Virtual*, Nov 7 – 8, 2020

Ayush Sengupta, Shu He, Xinxin Li. Book-or-drive: The Impact of Ridesharing on the Automobile Industry. *INFORMS Annual Meeting 2020, Virtual*, Nov 7 – 13, 2020

TEACHING

Areas of Interest

Business Information Systems, Data Management, Statistics using R or Python, Operations Management, Business Analytics

Teaching Experience (Alfred University): Assistant Professor of Analytics

(Student Evaluation Score: Scale of 1-5, lower the better)

Descriptive Analytics and Statistics (BUSI 113) Student Evaluation Score: 1.9/5	Fall 2024, Spring 2024
Data Visualization and Analysis (DATA 202) Student Evaluation Score: 2.2/5	Spring 2024
Operations Management (MGMT 484) Student Evaluation Score: 1.83/5	Fall 2024, Spring 2024
Business Analytics Mathematics (BUSI 150) Student Evaluation Score: 1.7/5	Fall 2024, Fall 2023
Business Intelligence (BUSI 322) Student Evaluation Score: 1.4/5	Fall 2024, Fall 2023
Quantitative Methods for Business (MATH 104) Student Evaluation Score: 2.0/5	Fall 2023
Teaching Experience (University of Connecticut) (Student Evaluation Score: Out of 5, the higher the better)	
Instructor, Operations Management (OPIM 3104) Student Evaluation Score: 4.95/5	Fall 2020
Rated “Excellent in Teaching” OPIM Department Best PhD Student Teacher Award, 2021 Finalist, School of Business Best PhD Student Teacher Award, 2021	
Teaching Assistant, Business Information Systems (OPIM 3103) OPIM Department Best PhD Student Teacher Award, 2021 Finalist, School of Business Best PhD Student Teacher Award, 2021	Spring 2021
Teaching Assistant, Operations Management (OPIM 3104) Fall 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2021, Fall 2022 OPIM Department Best PhD Student Teacher Award, 2022 Finalist, School of Business Best PhD Student Teacher Award, 2022	
University Service (Alfred University)	
Major Academic Advisor – 18 students	2024 –
Committee Member, Honors in the Field of Specialization – Helene van der Merwe, Alyssa DiMillo	2024
Committee Member, Recruitment of Assistant Professor of Marketing	2024 – 2025
Committee Member, Website Redesign	2024 –

HONORS AND AWARDS

OPIM Department Best PhD Student Teacher Award Awarded to one graduate student annually	2021, 2022
Finalist, School of Business Best PhD Student Teacher	2021, 2022
Michael & Patricia Balfe Scholarship	2022
Rated “Excellent in Teaching”	2021
Eileen & Jerry Lieberman Scholarship	2021
Second Best Student Award in M.B.A in Industrial Management Ranked 2 nd out of 220+ MBA Students	2014
First-class Honors in B.E. in Production Engineering	2012

WORK EXPERIENCE

Assistant Professor of Analytics, Alfred University	2023-
Operations Manager, Carrier Airconditioning, UTC (India)	2016 - 2018
Operations Leadership Program Associate, United Technologies Corporation	2014 - 2016

Internship

Supply Chain Management, Nestlé (India)	Apr – May 2013
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SKILLS

Statistical Analysis: Stata, R, SAS, Python

Visualization: Tableau, Visio, MS Project

Database: Oracle SQL Developer, MS Access

Online teaching and learning platforms: Canvas, Blackboard Collaborate, Pearson MyLab

CERTIFICATIONS

Competent Communicator (CC) - Toastmasters International	2016
ISO 9001:2015 Internal Auditor Training	2016

PROFESSIONAL SERVICES

Reviewer

International Business Analytics Conference (IBAC) 2025 (3 Papers)

International Conference on Information Systems (ICIS) 2024, 2023 (3 Papers)

European Conference on Information Systems (ECIS) 2023

Pacific Asia Conference on Information Systems (PACIS) 2024, 2022 (2 Papers)

International Conference on Information Systems (ICIS) 2021

Volunteer Work

Panelist, Interview for PhD Director, OPIM, School of Business, UCONN 2022

Speaker, PhD Orientation Student Panel, OPIM, School of Business, UCONN 2020 - 2022

Regular speaker, PhD Information Session, OPIM, School of Business, UCONN 2020 – 2022

PROFESSIONAL MEMBERSHIPS

Member, Institute for Operations Research and the Management Sciences (INFORMS)

Member, Association for Information Systems (AIS)