

Daniel C. Posmik

CONTACT INFORMATION	Brown University School of Public Health Department of Biostatistics 121 S Main St, Providence, RI 02906	<i>Cell:</i> +1 (224) 507-4045 <i>E-Mail:</i> daniel_posmik@brown.edu <i>Google Scholar:</i> user=sRuEm5oAAAAJ <i>Web:</i> posmikdc.github.io
INTERESTS	Manifold learning, geometric and shape inference, statistical network analysis, causality, brain imaging and neuroscience	
EDUCATION	Brown University , Providence, Rhode Island USA Ph.D., Biostatistics Exp. May 2029 • Advisor: Prof. Ani Eloyan Sc.M., Biostatistics (Concurrent) Exp. May 2026	
	University of Chicago , Chicago, Illinois USA Graduate Student at Large (Statistics) May 2024	
	University of Cincinnati , Cincinnati, Ohio USA B.Sc., Data Analytics; B.B.A., Economics; Mathematics Minor May 2022 A.A., Business Administration May 2020	
HONORS AND AWARDS	McCall MacBain Finalist Award (Deferred for Ph.D.) (80 out of 1,000+ applicants)	2023
	Presidential Leadership Medal of Excellence (Univ. of Cincinnati) (4 yearly recipients)	2022
	Non-Traditional Student of the Year (Univ. of Cincinnati) (1 yearly recipient)	2022
	Annie Fitzgerald Community Service (Univ. of Cincinnati) Award (2 yearly recipients)	2021
PEER-REVIEWED PUBLICATIONS	Posmik, D.C. 2022. Predicting International Student Enrollment by Institutional Aid: A Random and Fixed Effects Approach. <i>Journal of Student Financial Aid</i> , 51 (3), Article 4.	
ACADEMIC EXPERIENCE	Brown University , Providence, Rhode Island USA <i>Graduate Student</i> Aug. 2024 - present <i>Research Assistant</i> June 2024 - present • Current Ph.D. research; Ph.D. and Masters level coursework.	
	University of Chicago , Chicago, Illinois USA <i>Graduate Research Assistant (Prof. Guanglei Hong)</i> Jan. 2024 - May 2024 <i>Teaching Assistant, Econometrics</i> March - May 2024 <i>Project Associate, Energy & Environment Lab</i> Jan. 2023 - June 2023 • Assisted Prof. Guanglei Hong with causal decomposition analysis of cumulative treatment settings; Completed graduate-level Statistics coursework • TA'd undergraduate Econometrics (ECON21020). Shared responsibility for exams, homework assignments, and grades. Led weekly discussion sections. • Coordinated an RCT on the effect of agricultural machinery on illegal burning of crop residue, working with high-dimensional remote sensing data and implementing a random forest algorithm.	
PRESENTATIONS AND TALKS	Conference Presentations:	

- "Predicting International Student Enrollment by Institutional Aid: A Random and Fixed Effects Approach" (2022) Presented at the Economic Scholars Conference (Cleveland Federal Reserve), Cleveland, Ohio, USA

Miscellaneous:

- "Telling Stories with Data" (2021). Gave TEDx talk. TEDxUCincinnati, Cincinnati, Ohio, USA

PROFESSIONAL EXPERIENCE

The Brattle Group, Boston, Massachusetts USA

Research Analyst

June 2022 - Dec. 2022

Supported the electricity practice group, conducting analyses in wholesale energy markets, regulatory policy, and congestion patterns.

COMMUNITY SERVICE

UChicago Data Science Institute, Chicago, Illinois USA

Community Data Fellow

Sept. 2023 - Dec. 2023

Visualized impact data from the State of Illinois' Commission on Equity and Inclusion using an interactive Tableau dashboard.

The Neo Initiative, Cincinnati, Ohio USA

President and Founder

March 2020 - May 2022

Served 15 black-owned small businesses with pro-bono consulting services in data analytics. Hosted a virtual state-sponsored data literacy series, reaching 300+ minority-owned businesses.

TECHNICAL SKILLS

Languages: R, Python, limited exposure to Julia

Machine Learning: Keras

Data Wrangling: SQL, Selenium

Operating Systems: UNIX/Linux, Windows, MacOS

Miscellaneous: L^AT_EX, Lua, Git, Microsoft Office

PROFESSIONAL SERVICE

Journal and Proposal Reviewer:

- 2022: Journal of Student Financial Aid

Last Updated November 3, 2024