

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, causal inference, brain imaging	
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 Cinci) (4 yearly recipients) 2022 Non-Traditional Student of the Year (Univ. of Cinci)(1 yearly recipient) 2022 Annie Fitzgerald Community Service (Univ. of Cinci) 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 · Current Ph.D. research; Ph.D. and Masters level coursework.	
	University of Chicago , Chicago, Illinois USA <i>Research Assistant, Department of Comparative Human Development</i> Jan. — May 2024 · Assisted Prof. Guanglei Hong with methods development in causal decomposition analysis · Studied causal identification in cumulative treatment setting, applied to K-12 education data <i>Community Data Fellow, Data Science Institute</i> Sept. — Dec. 2023 · Developed an interactive Tableau dashboard for the State of Illinois' Commission on Equity and Inclusion, visualizing impact metrics of the <i>Business Enterprise Program</i> <i>Project Associate, Energy & Environment Lab</i> Jan. — June 2023 · Coordinated an RCT on the effect of agricultural machinery on illegal burning of crop residue · Processed and modeled environmental remote sensing data; assisted with grant updates, reports, and field team coordination	
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

INDUSTRY EXPERIENCE

The Brattle Group, Boston, Massachusetts USA

Research Analyst

June — Dec. 2022

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

COMMUNITY SERVICE

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

TEACHING EXPERIENCE

University of Chicago, Chicago, Illinois USA

Teaching Assistant, Econometrics (ECON21020)

Jan. — May 2024

- Shared responsibility for grading, office hours, and leading discussion sections for approximately 40 students

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 23, 2024