

Daniel C. Posmik

CONTACT INFORMATION	Brown University School of Public Health Department of Biostatistics 121 S Main St, Providence, RI 02906	Cell: +1 (224) 507-4045 E-Mail: daniel_posmik@brown.edu Google Scholar: user=sRuEm5oAAAAJ Web: posmikdc.github.io
INTERESTS	Manifold learning, high-dimensional data, statistical network analysis, causal inference, Bayesian statistics, brain imaging and neuroscience	
EDUCATION	Brown University , Providence, Rhode Island USA	
	Ph.D., Biostatistics	Exp. May 2029
	<ul style="list-style-type: none">• First-year Advisors: Roe Gutman, Arman Oganisian• First-year Research Topic: <i>Bayesian Machine Learning for Causal Inference in Electronic Health Record Data with Missing Covariates</i>	
	Sc.M., Biostatistics (Concurrent)	Exp. May 2026
	University of Chicago , Chicago, Illinois USA	
	Graduate Student at Large (Coursework in Statistics and Mathematics)	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	
	Graduate Student	August 2024 - present
	Research Assistant (Drs. Roe Gutman, Arman Oganisian)	June 2024 - present
	<ul style="list-style-type: none">• Includes current Ph.D. research, Ph.D. and Masters level coursework.• First-year graduate research assistantship with Professors Roe Gutman and Arman Oganisian.	
	University of Chicago , Chicago, Illinois USA	
	Graduate Research Assistant (Dr. Guanglei Hong)	January 2024 - June 2024
	Teaching Assistant, Econometrics	March - May 2024
	Project Associate, Energy & Environment Lab	January 2023 - June 2023
	<ul style="list-style-type: none">• 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: <ul style="list-style-type: none"> • "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: <ul style="list-style-type: none"> • "Telling Stories with Data" (2021). Gave TEDx talk. TEDxUCincinnati, Cincinnati, Ohio, USA
PROFESSIONAL EXPERIENCE	<p>The Brattle Group, Boston, Massachusetts USA</p> <p><i>Research Analyst</i> June 2022 - December 2022</p> <p>Supported the electricity practice group, conducting analyses in wholesale energy markets, regulatory policy, and congestion patterns.</p>
COMMUNITY SERVICE	<p>UChicago Data Science Institute, Chicago, Illinois USA</p> <p><i>Community Data Fellow</i> September 2023 - December 2023</p> <p>Visualized impact data from the State of Illinois' Commission on Equity and Inclusion using an interactive Tableau dashboard.</p> <p>The Neo Initiative, Cincinnati, Ohio USA</p> <p><i>President and Founder</i> March 2020 - May 2022</p> <p>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.</p>
PROGRAMMING SKILLS	<p>Statistical Packages: R, limited exposure to Julia</p> <p>Languages: Python, Lua, Git, some use of Unix shell scripts</p> <p>Applications: \LaTeX, SQL, Microsoft Office</p> <p>Operating Systems: UNIX/Linux, MacOS</p>
PROFESSIONAL SERVICE	<p>Journal and Proposal Reviewer:</p> <ul style="list-style-type: none"> • 2022: Journal of Student Financial Aid

Last Updated October 20, 2024