

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.gpoithub.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 (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 (Drs. Roe Gutman, Arman Oganisian)</i> 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 <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 <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 - Dec. 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> Sept. 2023 - Dec. 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>
TECHNICAL SKILLS	<p>Languages: R, Python, limited exposure to Julia</p> <p>Machine Learning: Keras</p> <p>Data Wrangling: SQL, Selenium</p> <p>Operating Systems: UNIX/Linux, Windows, MacOS</p> <p>Miscellaneous: L^AT_EX, Lua, Git, Microsoft Office</p>
PROFESSIONAL SERVICE	<p>Journal and Proposal Reviewer:</p> <ul style="list-style-type: none"> • 2022: Journal of Student Financial Aid

Last Updated October 25, 2024