

## Daniel C. Posmik

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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	Causal inference, statistical network analysis, high-dimensional statistics	
EDUCATION	<b>Brown University</b> , Providence, Rhode Island USA	
	Ph.D., Biostatistics	Exp. May 2029
	<ul style="list-style-type: none"> <li>• First-year Advisors: Roe Gutman, Arman Oganisian</li> <li>• First-year Research Topic: <i>Bayesian Machine Learning for Causal Inference in Electronic Health Record Data with Missing Covariates</i></li> </ul>	
	Sc.M., Biostatistics (Concurrent)	Exp. May 2026
	<b>University of Chicago</b> , Chicago, Illinois USA	
	Graduate Student at Large (Coursework in Statistics and Mathematics)	May 2024
	<b>University of Cincinnati</b> , 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	<b>Posmik, D.C.</b> 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	<b>Brown University</b> , Providence, Rhode Island USA	
	<i>Graduate Student</i>	<b>August 2024 - present</b>
	<i>Research Assistant (Drs. Roe Gutman, Arman Oganisian)</i>	<b>June 2024 - present</b>
	<ul style="list-style-type: none"> <li>• Includes current Ph.D. research, Ph.D. and Masters level coursework.</li> <li>• First-year graduate research assistantship with Professors Roe Gutman and Arman Oganisian.</li> </ul>	
	<b>University of Chicago</b> , Chicago, Illinois USA	
	<i>Graduate Research Assistant (Dr. Guanglei Hong)</i>	<b>January 2024 - June 2024</b>
	<i>Teaching Assistant, Econometrics</i>	<b>March - May 2024</b>
	<i>Project Associate, Energy &amp; Environment Lab</i>	<b>January 2023 - June 2023</b>
	<ul style="list-style-type: none"> <li>• Assisted Prof. Guanglei Hong with causal decomposition analysis of cumulative treatment settings; Completed graduate-level Statistics coursework</li> <li>• TA'd undergraduate Econometrics (ECON21020). Shared responsibility for exams, homework assignments, and grades. Led weekly discussion sections.</li> <li>• 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.</li> </ul>	

PRESENTATIONS AND TALKS	Conference Presentations: <ul style="list-style-type: none"> <li>• "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</li> </ul>
	Miscellaneous: <ul style="list-style-type: none"> <li>• "Telling Stories with Data" (2021). Gave TEDx Talk. TEDxUCincinnati, Cincinnati, Ohio, USA</li> </ul>
PROFESSIONAL EXPERIENCE	<p><b>The Brattle Group</b>, Boston, Massachusetts USA</p> <p><i>Research Analyst</i> <b>June 2022 - December 2022</b></p> <p>Supported the electricity practice group, conducting analyses in wholesale energy markets, regulatory policy, and congestion patterns.</p>
COMMUNITY SERVICE	<p><b>UChicago Data Science Institute</b>, Chicago, Illinois USA</p> <p><i>Community Data Fellow</i> <b>September 2023 - December 2023</b></p> <p>Visualized impact data from the State of Illinois' Commission on Equity and Inclusion using an interactive Tableau dashboard.</p> <p><b>The Neo Initiative</b>, Cincinnati, Ohio USA</p> <p><i>President and Founder</i> <b>March 2020 - May 2022</b></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: <math>\text{\LaTeX}</math>, 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"> <li>• 2022: Journal of Student Financial Aid</li> </ul>

Last Updated September 24, 2024