

# Emmett Baird Kendall

---

email: ebkendal@ncsu.edu  
website: <https://ebkendall.github.io/>

SAS Hall  
North Carolina State University  
Raleigh, NC 27607

Education	NORTH CAROLINA STATE UNIVERSITY PhD Student in Statistics Advisor: Dr. Jonathan Williams GPA: 4.00	<i>2020-Present</i>
	UNIVERSITY OF FLORIDA B.S. Mathematics. Statistics Minor <i>Cum Laude</i> GPA: 4.00	<i>2017-2020</i>
Positions	NORTH CAROLINA STATE UNIVERSITY Research Assistant, Dr. Jonathan Williams Teaching Assistant, Mrs. Malorie Winters	<i>2021-Present</i> <i>Fall 2021, Spring 2023</i>
	MAYO CLINIC Research Collaborator, Dr. Curtis Storlie Kern Center Graduate Intern, Dr. Curtis Storlie	<i>2023-Present</i> <i>Summer 2023</i>
	THE UNIVERSITY OF FLORIDA Research Assistant, Department of Statistics, Dr. Joseph Antonelli Teaching Assistant, Department of Computer Science, Mr. Joshua Fox	<i>2019-Present</i> <i>2018</i>
Publications	<b>E. B. Kendall</b> , J. P. Williams, G. H. Hermansen, F. Bois, and V. H. Thanh (2024). Beyond time-homogeneity for continuous-time multistate Markov models. <b>Journal of Computational and Graphical Statistics</b> .	
	V. V. Volpe, <b>E. B. Kendall</b> , A. N. Collins, M. G. Graham, J. P. Williams, and S. J. Holochwost (2024). Prior exposure to racial discrimination and patterns of acute parasympathetic nervous system responses among black adults. <b>Psychophysiology</b> .	
	<b>E. B. Kendall</b> , B. Beck, and J. Antonelli (202x). Robust inference for geographic regression discontinuity designs: assessing the impact of police precincts. <b>R&amp;R at Journal of the Royal Statistical Society: Series A</b> .	
	<b>E. B. Kendall</b> , J. P. Williams, C. B. Storlie, M. A. Radosevich, E. D. Wittwer, and M. A. Warner (202x). Early identification of physiological shock in intensive care units via Bayesian regime switching models. <b>In preparation</b> .	
	<b>E. B. Kendall</b> and P. Knight (202x). Multi-task estimation of heterogeneous hidden Markov models. <b>In preparation</b> .	

<b>Funding</b>	Seed grant: “Hidden Markov methodology for assessing racial stressors”. NC State Data Science Academy, 2023-2024	
	Provost Doctoral Fellowship, NCSU Graduate School, 2020-2021	
<b>Presentations</b>	Organizer and Speaker, Topic-Contributed Paper Session: “Applications and Advances of Regime Switching Models.” <i>Joint Statistical Meeting</i> , August 2025	
	Speaker, Topic-Contributed Paper Session: “Application of Data Science Models in Health Care: Development, Implementation, Evaluation, and Maintenance.” <i>Joint Statistical Meeting</i> , August 2024	
	Contributed Poster: “Hidden Markov methodology for identifying physiological states of shock in intensive care units.” <i>Joint Statistical Meeting</i> , August 2023	
	Flash Talk: “Testing local treatment effects using regression discontinuity designs that are robust to a violation of causal assumptions.” <i>European Causal Inference Meeting</i> , July 2021	
<b>Academic Service</b>	Chair of session titled “Advances in Bayesian Variable Selection.” <i>Joint Statistical Meeting</i> , August 2024	
	Reviewer for <i>Journal of Statistical Theory and Practice</i>	1 manuscript
<b>Teaching</b>	Instructor, <i>Introduction to Statistics (ST311)</i>	<i>Fall 2021, Spring 2023</i>
	Instructor, <i>Statistics PhD Qualifying Exam Prep Course</i>	<i>Summer 2022</i>
<b>Awards</b>	2 <sup>nd</sup> place, NC State’s Graduate Student Research Symposium	<i>2024</i>
	Mu Sigma Rho (Statistics Honor Society)	<i>2021</i>
	Phi Beta Kappa	<i>2020</i>
<b>Interests/Misc.</b>	Brazilian jiu-jitsu practitioner, Gracie Raleigh (Raleigh, NC)	<i>2023-Present</i>
	Golf Shop Assistant, Lonnie Poole Golf Course (Raleigh, NC)	<i>2021-2023</i>
	Lifeguard and Counselor, Camp Crystal Lake (Starke, FL)	<i>2017-2019</i>