

Emmett Baird Kendall

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Education	NORTH CAROLINA STATE UNIVERSITY Ph.D. Candidate in Statistics Advisor: Dr. Jonathan P. 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	<p>E. B. Kendall, J. P. Williams, G. H. Hermansen, F. Bois, and V. H. Thanh (2024). Beyond time-homogeneity for continuous-time multistate Markov models. Journal of Computational and Graphical Statistics.</p> <p>V. V. Volpe, E. B. Kendall, 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. Psychophysiology.</p> <p>E. B. Kendall, B. Beck, and J. Antonelli (2024+). Robust inference for geographic regression discontinuity designs: assessing the impact of police precincts. R&R at Journal of the Royal Statistical Society: Series A.</p> <p>E. B. Kendall, J. P. Williams, C. B. Storlie, M. A. Radosevich, E. D. Wittwer, and M. A. Warner (2025+). Early identification of physiological shock in intensive care units via Bayesian regime switching models. In preparation.</p> <p>E. B. Kendall and P. Knight (2025+). Multi-task estimation of heterogeneous hidden Markov models. In preparation.</p>	

	E. B. Kendall and N. Dey (2025+). Window length selection for regression discontinuity designs for point-process data. In preparation.	
Funding	Seed grant: “Hidden Markov methodology for assessing racial stressors”. NC State Data Science Academy, 2023-2024 Provost Doctoral Fellowship, NCSU Graduate School, 2020-2021	
Presentations	Organizer and Speaker, Topic-Contributed Paper Session: “Applications and Advances of Regime Switching Models.” <i>Joint Statistical Meeting</i> , August 2025 Speaker, Invited Paper Session: “Innovative theory and applications of hidden Markov models for longitudinal data in medicine” <i>International Biometric Conference</i> , December 2024 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	
Academic Service	Reviewer for <i>Journal of Statistical Theory and Practice</i>	1 manuscript
	Chair of session titled “Advances in Bayesian Variable Selection.” <i>Joint Statistical Meeting</i> , August 2024	
Teaching	Instructor, <i>Introduction to Statistics (ST311)</i> Instructor, <i>Statistics Ph.D. Qualifying Exam Prep Course</i>	<i>Fall 2021, Spring 2023</i> <i>Summer 2022</i>
Awards	2 nd place, NC State’s Graduate Student Research Symposium Mu Sigma Rho (Statistics Honor Society) Phi Beta Kappa	2024 2021 2020
Interests/Misc.	Brazilian jiu-jitsu practitioner, Gracie Raleigh (Raleigh, NC) Golf Shop Assistant, Lonnie Poole Golf Course (Raleigh, NC) Lifeguard and Counselor, Camp Crystal Lake (Starke, FL)	2023-Present 2021-2023 2017-2019