

Emmett Baird Kendall

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Professional Positions	ASSISTANT PROFESSOR (TENURE-TRACK), Department of Mathematical Sciences, University of Texas at Dallas	<i>2026 - Present</i>
	RESEARCH COLLABORATOR, Kern Center for the Science of Health Care Delivery, Mayo Clinic	<i>2023-2025</i>
	GRADUATE RESEARCH INTERN, Kern Center for the Science of Health Care Delivery, Mayo Clinic	<i>Summer 2023</i>
Education	NORTH CAROLINA STATE UNIVERSITY Ph.D. in Statistics Advisor: Dr. Jonathan P. Williams	<i>2020-2025</i>
	UNIVERSITY OF FLORIDA B.S. Mathematics. Statistics Minor Advisor: Dr. Joseph Antonelli	<i>2017-2020</i>
Publications	<ol style="list-style-type: none">4. 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.3. E. B. Kendall, B. Beck, and J. Antonelli (2024+). Robust inference for geographic regression discontinuity designs: assessing the impact of police precincts. Journal of the Royal Statistical Society: Series A.2. V. V. Volpe, E. B. Kendall, A. N. Collins, M. G. Graham, J. P. Williams, and S. J. Holochwest (2025). Prior exposure to racial discrimination and patterns of acute parasympathetic nervous system responses among black adults. Psychophysiology.1. E. B. Kendall, J. P. Williams, G. H. Hermansen, F. Bois, and V. H. Thanh (2025). Beyond time-homogeneity for continuous-time multistate Markov models. Journal of Computational and Graphical Statistics.	
Funding	<ol style="list-style-type: none">2. Conference and Travel Award. NC State Graduate Student Association, 20251. Seed grant (“Hidden Markov methodology for assessing racial stressors”). NC State Data Science Academy, 2023-2024	

Presentations	6. Organizer and Speaker, Topic-Contributed Paper Session: “Applications and Advances of Regime Switching Models.” <i>Joint Statistical Meeting</i> , August 2025	
	5. Speaker, Seminar: “Beyond time-homogeneity for continuous-time multistate Markov models” <i>University of Oslo</i> , May 2025	
	4. Speaker, Invited Paper Session: “Innovative theory and applications of hidden Markov models for longitudinal data in medicine” <i>International Biometric Conference</i> , December 2024	
	3. 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	
	2. Contributed Poster: “Hidden Markov methodology for identifying physiological states of shock in intensive care units.” <i>Joint Statistical Meeting</i> , August 2023	
	1. 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	
Teaching	Instructor, <i>Introduction to Statistics (ST311)</i>	<i>Fall 2021, Spring 2023</i>
	Instructor, <i>Statistics Ph.D. Qualifying Exam Prep Course</i>	<i>Summer 2022</i>
Departmental Service	Data Science Committee, UT Dallas	<i>Spring 2026</i>
Professional Service	Reviewer for <i>Journal of the Royal Statistical Society: Series C</i>	1 manuscript
	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	
Awards	2 nd 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>