

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 | 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. Holochwost (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 | 2. Conference and Travel Award. NC State Graduate Student Association, 2025 1. Seed grant (“Hidden Markov methodology for assessing racial stressors”). NC State Data Science Academy, 2023-2024 | |

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| 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> Instructor, <i>Statistics Ph.D. Qualifying Exam Prep Course</i> | <i>Fall 2021, Spring 2023</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> Reviewer for <i>Journal of Statistical Theory and Practice</i> Chair of session titled “Advances in Bayesian Variable Selection.” <i>Joint Statistical Meeting</i> , August 2024 | 1 manuscript 1 manuscript <i>Joint Statistical Meeting</i> , August 2024 |
| Awards | 2 nd place, NC State’s Graduate Student Research Symposium Mu Sigma Rho (Statistics Honor Society) Phi Beta Kappa | 2024 2021 2020 |