

Evan Kwiatkowski

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Work Experience

- **Rice University**
Postdoctoral Research Associate – Department of Statistics
 - **MD Anderson Cancer Center**
Visiting Postdoctoral Scholar – Department of Biostatistics
 - **University of Florida**
Research Statistician – Department of Epidemiology
- Houston, TX**
Oct 2021 - present
Houston, TX
Oct 2021 - present
Gainesville, FL
Jan 2015 – Aug 2016

Education

- **University of North Carolina at Chapel Hill**
PhD Biostatistics
 - **University of Colorado Denver**
MS Applied Mathematics
 - **Binghamton University**
BS Mathematical Sciences
- Chapel Hill, NC**
December 2021
Denver, CO
May 2014
Vestal, NY
May 2011

Academic Experience

- **University of North Carolina at Chapel Hill**
Research Assistant – Collaborative Studies Coordinating Center
Research Assistant – Department of Genetics
 - **University of Colorado Denver**
Research Assistant – Data Assimilation in Scientific Computing
NSF Fellow – GK-12 Transforming Experiences
Lynn Bateman Memorial Teaching Fellowship
- Chapel Hill, NC**
Aug 2016 – Dec 2021
Denver, CO
Aug 2011 – May 2014

Honors and Awards

- **University of Colorado Denver**
College of Liberal Arts and Sciences Outstanding Graduate Student
 - **Binghamton University**
Helen P. Beard Award for Excellence in Undergraduate Mathematics
Award for Excellence in Mathematical Sciences
Sigma Alpha Lambda
Magna Cum Laude
- Denver, CO**
May 2014
Vestal, NY
May 2011

Publications

Kwiatkowski, E., Zhu, J., Li, X., Pang, H., Lieberman, G., Psioda, M. A. *Case Weighted Adaptive Power Priors for Hybrid Analyses with Time-to-Event Data.* (In preparation).

Kwiatkowski, E., Andraca-Carrera, E., Soukup, M., & Psioda, M. A. A Structured Framework for Bayesian Sequential Monitoring in Clinical Trials. *Journal of Biopharmaceutical Statistics.* (Accepted, in press.)

- Sales, J. M., Escoffery, C., Hussen, S. A., Haddad, L. B., McCumber, M., **Kwiatkowski, E.**, Filipowicz, T., Sanchez, M., Psioda, M. A., & Sheth, A. N. (2021). Pre-Exposure Prophylaxis Implementation in Family Planning Services across the Southern United States: Findings from a survey among staff, providers and administrators working in Title X-funded Clinics. *AIDS and Behavior*.
- Young, H. W., Martin, E. T., **Kwiatkowski, E.**, Tyndall, J. A., & Cottler, L. B. (2020). The Association between Emergency Department Super-Utilizer Status and Willingness to Participate in Research. *Emergency Medicine International*. <https://doi.org/10.1155/2020/9404293>
- Bangma, J. T., **Kwiatkowski, E.**†, Psioda, M., Santos, H. P., Hooper, S. R., Douglass, L., Joseph, R. M., Frazier, J. A., Kuban, K. C. K., O'Shea, T. M., & Fry, R. C. (2019a). Early life antecedents of positive child health among 10-year-old children born extremely preterm. *Pediatric Research*. <https://doi.org/10.1038/s41390-019-0404-x>
†co-first author
- Bangma, J. T., **Kwiatkowski, E.**, Psioda, M., Santos, H. P., Hooper, S. R., Douglass, L., Joseph, R. M., Frazier, J. A., Kuban, K. C. K., O'Shea, T. M., & Fry, R. C. (2019b). Understanding positive child health. In *Pediatric Research*. <https://doi.org/10.1038/s41390-019-0564-8>
- Sales, J. M., Escoffery, C., Hussen, S. A., Haddad, L. B., Phillips, A., Filipowicz, T., Sanchez, M., McCumber, M., Rupp, B., **Kwiatkowski, E.**, Psioda, M. A., & Sheth, A. N. (2019). Pre-Exposure Prophylaxis Integration into Family Planning Services at Title X Clinics in the Southeastern United States: A Geographically-Targeted Mixed Methods Study (Phase 1 ATN 155). *JMIR Research Protocols*, 8(6), e12774–e12774. <https://doi.org/10.2196/12774>
- Sjöberg, Y., Gomach, S., **Kwiatkowski, E.**, & Mansoz, M. (2019). Involvement of local indigenous peoples in arctic research — expectations, needs and challenges perceived by early career researchers. *Arctic Science*. <https://doi.org/10.1139/as-2017-0045>
- Striley, C. W., Milani, S. A., **Kwiatkowski, E.**, DeKosky, S. T., & Cottler, L. B. (2019). Community perceptions related to brain donation: Evidence for intervention. *Alzheimer's and Dementia*. <https://doi.org/10.1016/j.jalz.2018.09.005>
- Bangma, J. T., **Kwiatkowski, E.**†, Psioda, M., Santos, H. P., Hooper, S. R., Douglass, L., Joseph, R. M., Frazier, J. A., Kuban, K. C. K., O'Shea, T. M., & Fry, R. C. (2018). Assessing Positive Child Health among Individuals Born Extremely Preterm. *Journal of Pediatrics*. <https://doi.org/10.1016/j.jpeds.2018.06.037>
†co-first author
- Cottler, L. B., Striley, C. W., Elliott, A. L., Zulich, A. E., **Kwiatkowski, E.**, & Nelson, D. R. (2017). Pragmatic trial of a Study Navigator Model (NAU) vs. Ambassador Model (N+) to increase enrollment to health research among community members who use illicit drugs. *Drug and Alcohol Dependence*. <https://doi.org/10.1016/j.drugalcdep.2016.12.031>
- Varma, D. S., Hart, M., McIntyre, D. S., **Kwiatkowski, E.**, & Cottler, L. B. (2016). A Research Protocol to Test the Effectiveness of Text Messaging and Reminder Calls to Increase Service Use Referrals in a Community Engagement Program. *JMIR Research Protocols*. <https://doi.org/10.2196/resprot.5854>
- Kwiatkowski, E.**, & Mandel, J. (2015). Convergence of the square root ensemble kalman filter in the large ensemble limit. *SIAM-ASA Journal on Uncertainty Quantification*.

<https://doi.org/10.1137/140965363>

Technical Papers

Kwiatkowski, E. SESUG Paper 189-2018. Automated Comparison Tables using PROC REPORT.
https://www.lexjansen.com/sesug/2018/SESUG2018_Paper-189_Final_PDF.pdf

Kwiatkowski, E., Crooke, H., Roggenkamp, K. SESUG Paper 140-2017. Backward Variable Selection for Logistic Regression Based on Percentage Change in Odds Ratio.
<https://www.lexjansen.com/sesug/2017/CC-140.pdf>

Contributed Oral Presentations

- A Structured Framework for Adaptively Incorporating External Evidence in Sequentially Monitored Clinical Trials. *Society for Clinical Trials Annual Meeting*. May 17, 2022. San Diego, CA.
- Case Weighted Adaptive Power Priors for Hybrid Analyses with Time-to-Event Data. *ENAR Spring Meeting*. March 29, 2022. Houston, TX.
- Case Weighted Adaptive Power Priors for Hybrid Analyses with Time-to-Event Data. *Expert Workshop on Hybrid Designs – Genentech/University of North Carolina at Chapel Hill*. November 16, 2021. Chapel Hill, NC.
- A Structured Framework for Bayesian Sequential Monitoring in Clinical Trials. *Joint Statistical Meetings*. August 18, 2021. Virtual Conference.
- Use of Hybrid Control Arms with Adaptive Power Priors for Time-to-Event Data. *External Control Community Forum – Genentech*. July 29, 2021. Virtual Presentation.
- Using Multiple Imputation to Account for Uncertainty in Summary Scores Derived from Likert Scale Survey Items. *Joint Statistical Meetings*. August 6, 2020. Virtual Conference.
- Constructing Hybrid Control Arms in Randomized Trials Using Real-World Data Based on a Power Prior with Control-Specific Discounting Parameters. *NABF+PDP Joint Seminar – Genentech*. June 18, 2020. Virtual Presentation.
- Automated Comparison Tables using PROC REPORT. *SouthEast SAS Users Group Annual Conference*. October 16, 2018. St. Pete Beach, FL.
- Backward Variable Selection for Logistic Regression based on Percentage Change in Odds Ratio. *SouthEast SAS Users Group Annual Conference*. November 6, 2017. Cary, NC.
- Convergence of the Unbiased Square Root Kalman Filter in the Large Ensemble Limit. *SIAM Conference on Uncertainty Quantification*. March 31, 2014. Savannah, GA.
- Convergence of the Unbiased Square Root Kalman Filter in the Large Ensemble Limit. *Front Range SIAM Student Conference*. March 1, 2014. Denver, CO.
- Minimal Dynamical Systems on Cantor Spaces. *AMS Eastern Sectional Meeting*. October 2, 2010. Syracuse, NY.

Poster Presentations

- Use of Hybrid Control Arms with Adaptive Power Priors for Time-to-Event Data. *ASA Biopharmaceutical Section Regulatory-Industry Statistics Workshop*. September 22, 2021. Virtual Conference.
- Convergence Concepts in Data Assimilation. *CU Denver Research and Creative Activities Symposium*. April 25, 2014. Denver, CO.

- Minimal Dynamical Systems on Cantor Spaces. *Joint Mathematical Meeting*. January 8, 2011. New Orleans, LA.

Teaching Experience

Teaching Assistant

- **University of North Carolina at Chapel Hill**
BIOS 767 – Longitudinal Data Analysis
BIOS 511 – Introduction to Statistical Computing & Data Management
Chapel Hill, NC
Spring 2021
Fall 2019; Fall 2018
- **University of Colorado Denver**
PhD Preliminary Exam in Applied Analysis – Review Instructor
MATH 1401 – Calculus I
MATH 1100 – College Algebra
Denver, CO
Winter 2014
Spring 2012
Fall 2011

Grader

- **University of Colorado Denver**
MATH 3200 – Elementary Differential Equations
MATH 4310 – Introduction to Real Analysis I
Denver, CO
Spring 2014
Fall 2011

Guest Lecturer

- **Rice University**
STAT 453/553 – Introductory Biostatistics
Houston, TX
Spring 2022
- **University of Colorado Denver**
MATH 3800 – Probability and Statistics for Engineers
MATH 4320 – Introduction to Real Analysis II
Denver, CO
Spring 2014
Spring 2012

Teaching in the Community

- **University of Colorado Denver**
Sphere Packings and Coverings – Jefferson County Campus Visit
Denver, CO
Fall 2013

Service

- **University of Colorado Denver**
Graduate Committee – Student Member
CLAS Dean's Student Advisory Council
SIAM Student Chapter – President, Treasurer
Denver, CO
2013 – 2014
2013 – 2014
2012 – 2014

Skills

- R, SAS, MATLAB, WinBUGS, STAN, Python, AMPL, UNIX, REDCap, MS Excel, MS Access