Evan Kwiatkowski

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Education

- **University of North Carolina at Chapel Hill**   **Chapel Hill, NC**
  PhD Biostatistics   Aug 2016 – Present
- **University of Colorado Denver**   **Denver, CO**
  MS Applied Mathematics   May 2014
- **Binghamton University**   **Vestal, NY**
  BS Mathematical Sciences   May 2011

Work Experience

- **University of Florida**   **Gainesville, FL**
  Research Statistician – Department of Epidemiology   Jan 2015 – Aug 2016

Academic Experience

- **University of North Carolina at Chapel Hill**   **Chapel Hill, NC**
  Research Assistant – Collaborative Studies Coordinating Center   Aug 2016 – Present
- **University of Colorado Denver**   **Denver, CO**
  Research Assistant – Data Assimilation in Scientific Computing   May 2013 – Aug 2014
  NSF Fellow – GK-12 Transforming Experiences   Jun 2012 – May 2013
  Lynn Bateman Memorial Teaching Fellowship   Aug 2011 – May 2012

Honors and Awards

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

Publications

Kwiatkowski, E. *Constructing hybrid control arms in randomized trials using real-word data based on a power prior with control-specific discounting parameters. (In preparation).*

Kwiatkowski, E., Andraca-Carrera, E., Soukup, M., & Psioda, M. A. A Structured Framework for Bayesian Sequential Monitoring in Clinical Trials. *(Submitted).*

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 administers 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

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

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

Oral Presentations

- Using Multiple Imputation to Account for Uncertainty in Summary Scores Derived from Likert Scale Survey Items. Joint Statistical Meetings. August 6, 2020. Virtual Conference.
- Automated Comparison Tables using PROC REPORT. SouthEast SAS Users Group Annual Conference. October 16, 2018. St. Pete Beach, Florida.
- Backward Variable Selection for Logistic Regression based on Percentage Change in Odds Ratio. SouthEast SAS Users Group Annual Conference. November 6, 2017. Cary, North Carolina.
- Convergence Concepts in Data Assimilation. CU Denver Research and Creative Activities Symposium. April 25, 2014. Denver, CO.
- Convergence of the Unbiased Square Root Kalman Filter in the Large Ensemble Limit. SIAM Conference on Uncertainty Quantification. March 31, 2014. Savannah, Georgia.
- 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. Joint Mathematical Meeting. January 8, 2011. New Orleans, LA.
- Minimal Dynamical Systems on Cantor Spaces. AMS Eastern Sectional Meeting. October 2, 2010. Syracuse, NY.

Teaching Experience

Teaching Assistant

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

Grader

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

Guest Lecturer

- **University of Colorado Denver**   **Denver, CO**
  MATH 3800 – Probability and Statistics for Engineers   Spring 2014
  MATH 4320 – Introduction to Real Analysis II   Spring 2012

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

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

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