

CONTACT INFORMATION	Department of Statistical Science Duke University Box 90251 Durham, NC 27708	<i>E-mail:</i> lindsay.berry@duke.edu <i>Phone:</i> (979) 450-1561 <i>Website:</i> lindsayberry.github.io
EDUCATION	Duke University , Durham, NC Ph.D. Candidate, Statistical Science Advisor: Mike West Masters of Statistical Science, Fall 2017 Coursework: Linear Models, Probability & Measure Theory, Bayesian & Modern Statistics, Statistical Inference, Statistics Case Studies, Probability & Statistical Models, Advanced Statistical Computing, Time Series & Forecasting, Multivariate Statistical Analysis, Categorical Data Analysis, Stochastic Processes	2015-2019 (Expected)
	University of Texas , Austin, TX B.S., Mathematics Thesis Advisor: Peter Mueller Graduated with Honors in the Dean's Scholars Honors Program	2011-2015
RESEARCH EXPERIENCE	Research Assistant 84.51° Advisor: Mike West Project: Bayesian modeling and forecasting high-dimensional time series of counts. The primary application of interest is daily product demand forecasting.	September 2016 - Present
	Undergraduate Honors Thesis University of Texas , Department of Mathematics Advisor: Peter Mueller Project: Compared simulation based analysis of seamless phase II/III clinical trials to traditional combination test procedures.	August 2014 - May 2015
	Research Experience for Undergraduates University of Minnesota , Institute for Mathematics and its Applications Advisors: Andrew Beveridge and Jane Butterfield Project: Algorithm development for pursuit-evasion games in polygons.	May 2013 - August 2013
OTHER EXPERIENCE	Webmaster International Society for Business and Industrial Statistics (ISBIS) Intern Berry Consultants	November 2015 - present May 2014 - August 2014; May 2015 - August 2015

PAPERS	BERRY, L., WEST, M. “Bayesian forecasting of many count-valued time series.” 2018. arXiv:1805.05232	
	BERRY, L., BEVERIDGE, A., BUTTERFIELD, J., ISLER, V., KELLER, Z., SHINE, A., WANG, J. “Line-of-sight pursuit in strictly sweepable polygons”. 2015. arXiv:1508.07603	
PRESENTATIONS	Invited Talks	
	84.51 Deep Dive Session (Cincinnati, OH) <i>Bayesian forecasting of high dimensional time series of counts</i>	August 8, 2017
	ISBIS 2017 (Yorktown Heights, NY) <i>Simulation control of seamless phase II/III clinical trials</i>	June 8, 2017
	Poster Presentations	
	Joint Mathematics Meetings (Baltimore, MD) <i>Line-of-sight pursuit in monotone polygons</i>	January 17, 2014
	Contributed Talks	
	Young Mathematicians Conference (Columbus, OH) <i>Line-of-sight pursuit in monotone polygons</i>	August 9, 2013
TEACHING EXPERIENCE	Duke University , Durham, North Carolina	
	Teaching Assistant	<i>Spring 2018</i>
	Course: Advanced Stochastic Modeling, STA 531	
	Teaching Assistant	<i>Spring 2016</i>
	Course: Data Analysis and Statistical Inference, STA 101 Led lab sections for 20-30 students	