

CONTACT	<p>Department of Statistical Science Duke University Box 90251 Durham, NC 27708</p> <p><i>E-mail:</i> lindsay.berry@duke.edu <i>Phone:</i> (979) 450-1561 <i>Website:</i> lindsayberry.github.io</p>
EDUCATION	<p>Duke University, Durham, NC 2015-2019 (Expected)</p> <p>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</p> <p>University of Texas, Austin, TX 2011-2015</p> <p>B.S., Mathematics Thesis Advisor: Peter Mueller Graduated with Honors in the Dean's Scholars Honors Program</p>
RESEARCH EXPERIENCE	<p>Research Assistant September 2016 - Present</p> <p>84.51° Advisor: Mike West Project: Bayesian modeling and forecasting of many count-valued time series. A motivating application is product demand forecasting for the purposes of marketing and inventory management.</p> <p>Undergraduate Honors Thesis August 2014 - May 2015</p> <p>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.</p> <p>Research Experience for Undergraduates May 2013 - August 2013</p> <p>University of Minnesota, Institute for Mathematics and its Applications Advisors: Andrew Beveridge, Jane Butterfield Project: Algorithm development for pursuit-evasion games in polygons.</p>
OTHER EXPERIENCE	<p>Data+ Project Manager Summer 2018 Project: Co-Curricular Technology Pathways e-advisor Supervised a team of four undergraduates</p> <p>Webmaster November 2015 - present International Society for Business and Industrial Statistics (ISBIS)</p> <p>Intern Summer 2014, 2015 Berry Consultants</p>

PAPERS	BERRY, L., HELMAN, P., WEST, M. “Probabilistic forecasting of heterogeneous consumer transaction-sales time series.” 2018. Technical report, forthcoming.	
	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	
	ISBIS 2018 (Athens, Greece)	July 5, 2018
	<i>Bayesian forecasting of many count-valued time series</i>	
	2018 ISBA World Meeting (Edinburgh, UK)	June 26, 2018
	<i>Bayesian forecasting of many count-valued time series</i>	
	84.51° Deep Dive Session (Cincinnati, OH)	August 8, 2017
	<i>Bayesian forecasting of high dimensional time series of counts</i>	
	ISBIS 2017 (Yorktown Heights, NY)	June 8, 2017
	<i>Simulation control of seamless phase II/III clinical trials</i>	
	Poster Presentations	
	Joint Mathematics Meetings (Baltimore, MD)	January 17, 2014
	<i>Line-of-sight pursuit in monotone polygons</i>	
	Contributed Talks	
	Young Mathematicians Conference (Columbus, OH)	August 9, 2013
	<i>Line-of-sight pursuit in monotone polygons</i>	
TEACHING	Duke University , Durham, North Carolina	
	Teaching Assistant	Spring 2018
	Course: Advanced Stochastic Modeling, STA 531	
	Teaching Assistant	Spring 2016
	Course: Data Analysis and Statistical Inference, STA 101 Led lab sections for 20-30 students	