

1 of 3

	<ul style="list-style-type: none"> ◦ Provides close consultation and collaboration with researchers on design and implementation of studies, and am the primary statistical analyst and technical writer for manuscripts ◦ Statistical consultant and collaborator for student research projects in Emory's Genetics Counseling Training Program 	
	<ul style="list-style-type: none"> • Actuarial Intern Summer 2016 Willis Towers Watson, Denver, Colorado <ul style="list-style-type: none"> ◦ Used proprietary software and programming language to calculate expected yearly payments to companies' pension plans ◦ Completed project recommending more accurate pension mortality assumptions to an international company with over 14,000 employees in their pension plan 	
TEACHING	<ul style="list-style-type: none"> • Co-Instructor, Intro to Epidemiology and Biostatistics (HGC 707) Fall 2022 • Instructor, SPSS Short Course (Part of HGC 740C) Summer 2022, Summer 2023 • Instructor, Statistical Methods I Lab (BIOS 500L) Fall 2020 <ul style="list-style-type: none"> ◦ Lab to practice SAS-based analysis for students taking introductory Biostatistics • Teaching Assistant, Statistical Practice I (BIOS 580) Fall 2022, Fall 2023 <ul style="list-style-type: none"> ◦ Advised student groups in collaborative statistical projects with Emory investigators • Teaching Assistant, Biostatistical Methods II (BIOS 591P) Spring 2020, Spring 2021, Spring 2022, Spring 2023 <ul style="list-style-type: none"> ◦ Developed R software and recitation plans to teach students linear and logistic regression methods • Teaching Assistant, Statistical Methods I Lab (BIOS 500L) Fall 2019 	
GRANTS	<ul style="list-style-type: none"> • Independent Research Experience Undergraduate Grant (\$1,000) 2018 Department of Mathematics and Department of Biology, University of Utah Title: "The Community Ecology of the Music Canon" • Independent Research Experience Undergraduate Grant (\$2,000) 2017 Department of Mathematics and Department of Biology, University of Utah Title: "The Community Ecology of the Music Canon" • ORCA Undergraduate Student Mentoring Grant (\$1,500) 2016 Office of Research and Creative Activities, Brigham Young University Title: "Transcription Factor Interactions in Developing Hair Cells" • ORCA Undergraduate Student Mentoring Grant (\$1,500) 2015 Office of Research and Creative Activities, Brigham Young University Title: "Sensory Integration in Zebrafish Larvae" 	
SERVICE	<ul style="list-style-type: none"> • Archival Volunteer 2021-Present Computer Museum of America <ul style="list-style-type: none"> ◦ Organizing and describing documentation and other textual materials which relate to the museum's hardware and software collections • Graduate Student Network executive committee 2020-Present National Institute of Statistical Sciences (NISS) <ul style="list-style-type: none"> ◦ Founding member of the NISS Graduate Student Network ◦ Our mission is to support the graduate students at NISS-affiliated academic departments throughout their graduate programs and in their early career ◦ Planned bi-monthly events to support network's mission including webinars, panels, and socials ◦ Organized virtual conferences in 2021, 2022, and 2023 for graduate students at all stages of their degree to present research • Student Council Representative 2019-2022 Department of Biostatistics and Bioinformatics, Emory University • COVID-19 Geospatial support 2020 Georgia Department of Public Health <ul style="list-style-type: none"> ◦ Assisted GPH with management, cleaning, and analysis of anonymized location data to assess impacts of COVID-19 lockdowns in Georgia 	

HONORS AND AWARDS	<ul style="list-style-type: none"> • First Place 2023 Senior PhD Student Presentation Day, Emory University Department of Biostatistics • Scholarship 2022 Summer Institute in Statistics and Modeling in Infectious Disease, U. of Washington • Laney Graduate Fellowship 2018 Laney Graduate School, Emory University • Gibson Senior Award 2018 Department of Mathematics, University of Utah • Emeritus Librarian Scholarship 2017 J. Willard Marriott Library, University of Utah • Pi Mu Epsilon Mathematics Honor Society 2017 Department of Mathematics, University of Utah • National Merit Scholarship 2013
TECHNICAL SKILLS	<ul style="list-style-type: none"> • Programming and Software: Advanced Proficiency in R, RShiny, R package development, and Rcpp; SAS. Intermediate Proficiency in Python; C++; Bash/Unix; SQL; and ArcGIS Software • Statistics: Generalized linear models; spatial statistics; causal inference and observational studies via propensity score modeling and instrumental variables; survival analysis; meta-analysis; Bayesian hierarchical modeling; infectious disease modelling; time series analysis; probability theory; fitting Bayesian models via Markov Chain Monte Carlo, JAGS (Just Another Gibbs Sampler), or INLA (Integrated Nested Laplace Approximation)
AFFILIATIONS	<ul style="list-style-type: none"> • American Statistical Association (ASA) • International Biometric Society (IBS), Eastern North American Region (ENAR)
OTHER	<ul style="list-style-type: none"> • Reviewer 2023 Journal of the Royal Society Interface • Bruins in Genomics Summer Research Experience 2017 Project: “Evaluating the Efficiency of Single-Cell Data in Cell-Type Deconvolution” • Society of Actuaries Exam P (Probability) 2016