

# BRIAN N. WHITE

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🌐 briannathanwhite

☎ (210) 705 - 4150

## Education

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Ph.D. Student in Statistics and Operations Research, UNC Chapel Hill	August 2020 - Present
Advisor: Richard Smith.	
M.A. in Mathematical Statistics, Wake Forest University	May 2020
B.S. in Environmental Studies, minor in Mathematics, UNC Asheville	May 2018

## Research Areas

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Spatial statistics, extreme value theory and biological/environmental applications of statistics.

## Professional Experience

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**Biostatistician II**, Wake Forest School of Medicine, June 2022 - Present

*I provide study design advice, grant development services, and analytic support for broad constituencies within the school of medicine and Atrium Wake Forest Baptist*

## Teaching Experience

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**Instructional Assistant**, UNC Chapel Hill, August 2020 - May 2022

*I grade, hold office hours/review-sessions and answer student emails on a weekly basis. I proctor exams as needed.*

- Intro to Machine Learning: Fall 2020/Spring 2022
- Methods of Data Analysis: Fall 2021
- Intro to Data Models and Inference: Spring 2021, Summer 2021

**Teaching Assistant**, Wake Forest University, August 2018 - May 2020

*Led two-hour study sessions twice per week. Graded weekly. Proctored final exams.*

- Introduction to Regression Data Science: Fall 2019, Spring 2020
- Elementary Probability Statistics: Spring 2019, Summer 2019
- Calculus with Analytic Geometry: Fall 2018

**Tutor**, Wake Forest Math and Stats Center, August 2018 - May 2020

**Teaching Assistant**, UNC Asheville, August 2017 - December 2017.

*Led weekly help sessions for the analysis of biological data in R*

- Experimental Design, Analysis, and Presentation: Fall 2017

## Recent Coursework

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*UNC Chapel Hill*

Applied Statistics I/II (Linear Models/Generalized Linear Models), Statistical Theory I/II (Finite Sample/Asymptotics), Probability I/II (Measure Theoretic), Advanced Machine Learning, Optimization I, Stochastic Modeling I, Object Oriented Data Analysis

## Programming Languages

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*Proficient:* SQL, Git, Bash, MATLAB, L<sup>A</sup>T<sub>E</sub>X, Python (packages: NumPy, scikit-learn, pandas, Matplotlib),

*Intermediate:* R (packages: tidyverse, tidymodels, ggplot2, markdown, base R)