

ADAM PETERSON

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EDUCATION

University of Michigan

PhD Biostatistics

Dissertation Title: Statistical Methods for Analyzing Built Environment Data

May 2021

Ann Arbor, MI

University of Michigan

Master of Science. Biostatistics

April 2017

Ann Arbor, MI

University of Missouri

Bachelor of Science Biochemistry *Magna Cum Laude*

May 2013

Columbia, MO

Spanish Minor

EXPERIENCE

Drexel University Dornsife School of Public Health

Adjunct Faculty

April 2020

Philadelphia, PA

- Create custom virtual lectures to develop students' intuition for regression methods
- Collaborate with faculty to manage class administration

Statistics in the Community

Team Lead - Myeloproliferative Neoplasm Research Foundation (MPNRF)

May 2019 - April 2020

Remote

- Lead a team of student statisticians to work with the MPNRF as consultants
- Develop research questions using registry data for conference presentations
- Delegate data cleaning and analysis tasks
- Translate technical communication between different MPNRF partners

University of MI Statistics, Philosophy, Chemistry Departments

Graduate Student Instructor and Mentor

January 2016 - May 2017

Ann Arbor, MI

- Customized and executed lesson plans for classes in Statistics, Chemistry and Philosophy
- Promoted after one semester to mentor new statistics instructors and lead instructor meetings
- Explained abstract scientific and philosophical concepts to a lay audience

TECHNICAL SKILLS

Spoken Languages

Con conversationally fluent in Spanish

Computer Languages

R, C++, Python, SQL

Markup Languages

L^AT_EX, Markdown

Statistical Methods

Spatial Statistics, Bayesian NonParametrics, Hierarchical Models

R packages authored

bentobox, rsstap, bendr, rstapDP, rbenvo

Tools

Git, Vim