

# Taylor Grimm

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Waco, TX

Updated: Aug. 2022

## EDUCATION

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- Ph.D.** Statistical Science, Baylor University July 2021 – Present
- B.S.** Statistical Science, Brigham Young University April 2021  
Minor in Mathematics  
Honors: *magna cum laude* (GPA: 3.99/4.0)

## EXPERIENCE

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- Baylor University, Waco, TX** August 2021 – Present  
**Graduate Assistant – Statistical Consultant** January 2022 – Present
- Assist clients across various disciplines to answer questions of interest using data
  - Adapt to different problems by studying and applying a variety of statistical methods to produce quality reports and insights
- Graduate Assistant – Data Science Workshop** August 2021 – December 2021
- Assisted in the development of a 5-day data science workshop for professionals in the water/wastewater treatment industry
  - Created practice problems and solutions for various topics ranging from data wrangling and visualization to statistical and machine learning models
- Brigham Young University, Provo, UT** June 2020 – May 2021  
**Research Assistant, Advisor: Matthew Heiner**
- Built and used Bayesian multivariate receptor models (using R and Stan) to analyze and understand noisy environmental data
  - Produced useful visualizations with the ggplot2 and ggmap packages in R
  - Read dozens of relevant publications and research papers to glean information for research
  - Regularly communicated and discussed results and findings

## VOLUNTEERING

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- The Church of Jesus Christ of Latter-day Saints, Philippines** July 2016 – July 2018  
**Full-time Representative – Missionary**
- Held multiple leadership positions which involved planning, organizing, and carrying out follow-up and training meetings for both small and large groups of missionaries
  - Regularly set goals and conducted evaluations on a daily and weekly basis
  - Learned and became fluent in a foreign language (Tagalog)

- Taught dozens of individuals and groups with varying backgrounds each week

## **PUBLICATIONS**

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### ***Journal Papers in Preparation***

Heiner, M., **Grimm, T.**, Smith, H., Leavitt, S., Christensen, W., Carling, G., St. Clair, L. (2021+), “Multivariate Receptor Modeling with Widely Dispersed Lichens as Bioindicators of Air Quality.” Revised, Submitted for Review (July 2022).

## **PRESENTATIONS AND INVITED LECTURES**

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“Bayesian Multivariate Receptor Modeling with Lichens as Biomonitors,” Student Research Conference, Brigham Young University, February 2021.

## **PROFESSIONAL AFFILIATIONS**

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American Statistical Association, 2021 – Present  
- Member

## **LANGUAGES**

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**English:** Native

**Tagalog:** Advanced

## **COMPUTER SKILLS**

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### **Programming:**

Advanced: R

Proficient: Python, L<sup>A</sup>T<sub>E</sub>X

Working Knowledge: SAS