# Nehemias Ulloa

| | |
|---|---|
| POSITION | Biostatistician |

**CONTACT INFORMATION**

☎ 661.428.5419  ✉ nehemiasulloa@gmail.com
🌐 [nulloa.github.io](nulloa.github.io)  📍 Chula Vista, CA

## WORK EXPERIENCE

**Center for Veterinary Biologics (CVB), APHIS, USDA**  **July 2019 - Present**
Remote - Chula Vista, CA, Main Office - Ames, IA
**Senior Staff Statistician**  **Nov 2022 - Present**
- Evaluated experimental designs and resulting data from vaccine safety and efficacy trials
- Created statistical methods to evaluate new assay technologies
- Consulted with scientists to provide statistical advice on their projects (study design and analysis)
- Acted as supervisor & trained junior staff on statistical procedure
- Communicated both in writing and orally to internal and external researchers (non-statisticians)
- Worked with IT to implement Shiny applications and the purchase of a Shiny server

**Staff Statistician**  **July 2019 - Nov 2022**
- Evaluated experimental designs and resulting data from vaccine safety and efficacy trials
- Managed multiple projects related to statistical consultation for scientist and researchers
- Provided statistical advice on sound study design to regulators for new regulations
- Communicated findings both in writing and orally to scientists

**Iowa Monarch Conservation Consortium**  **Jan 2019 - June 2019**
Ames, IA
**Research Assistant**
- Maintained and cleaned datasets for a R package
- Created scripts to automatically create figures and tables for grant reports

**After, Inc.**  **May 2018 - Dec 2018**
Norwalk, Connecticut
**R Shiny Developer Intern**
- Maintained and developed over 100 client reports with R Shiny
- Created and improved reporting templates to standardize reports across clients

**Iowa State University**  **Aug 2013 - May 2018; Jan 2019 - June 2019**
Ames, IA
**Instructor/Teaching Assistant**
- Taught introductory statistics both in person and online
- Ran labs and graded for both undergraduate and graduate courses

## EDUCATION

**PhD in Statistics**  **June 2019**
Iowa State University
*Thesis:* Bayesian Hierarchical Modeling and Analysis for Disease Outbreaks
*Advisor:* Dr. Jarad Niemi

**MS in Statistics**  **May 2017**
Iowa State University
*Creative Component:* Application of Polynomial Regression to Dyadic Data
*Advisor:* Dr. Fred Lorenz

**BS in Mathematics**  **May 2013**
California State University, Bakersfield

## TECHNICAL SKILLS

**Programming**: R, C++, SPSS, MPLUS, SQL, Git, LaTeX
**Statistical Computing**: SAS, Stan, JAGS, Shiny, JMP

## LANGUAGES

English, Spanish