





Nehemias Ulloa

CONTACT INFORMATION	 661.428.5419  nulloa.github.io	 nehemiasulloa@gmail.com  Chula Vista, CA
WORK EXPERIENCE	Center for Veterinary Biologics (CVB), APHIS, USDA Remote - Chula Vista, CA, Office - Ames, IA Senior Staff Statistician <ul style="list-style-type: none">• Worked with scientists to create statistical methods for new assay technologies• Evaluated experimental designs and their datasets from vaccine safety and efficacy trials• Consulted with researchers to provide statistical advice on their projects• Acted as supervisor & trained junior staff on statistical procedure• Worked with IT to implement Shiny applications and the purchase of a Shiny server Staff Statistician <ul style="list-style-type: none">• Evaluated over 400 experimental designs and their datasets from vaccine safety and efficacy trials• Provided statistical advice on sound study design to regulators, scientists and researchers• Managed multiple projects related to statistical evaluation and consultation Iowa Monarch Conservation Consortium Ames, IA Research Assistant <ul style="list-style-type: none">• Maintained and cleaned 10 datasets for a R package• Created scripts to automatically create figures and tables for grant reports After, Inc. Norwalk, Connecticut R Shiny Developer Intern <ul style="list-style-type: none">• Maintained and developed over 100 client reports with R Shiny• Created and improved reporting templates to standardize reports across clients• Researched new features for new Shiny applications and documents Iowa State University Ames, IA Instructor/Teaching Assistant <ul style="list-style-type: none">• Taught introductory statistics both in person and online• Ran labs and graded for both undergraduate and graduate courses	July 2019 - Present Nov 2022 - Present July 2019 - Nov 2022 Jan 2019 - June 2019 May 2018 - Dec 2018 Aug 2013 - May 2018; Jan 2019 - June 2019
EDUCATION	PhD in Statistics Iowa State University <i>Thesis:</i> Bayesian Hierarchical Modeling and Analysis for Disease Outbreaks <i>Advisor:</i> Dr. Jarad Niemi MS in Statistics Iowa State University <i>Creative Component:</i> Application of Polynomial Regression to Dyadic Data <i>Advisor:</i> Dr. Fred Lorenz BS in Mathematics California State University, Bakersfield	June 2019 May 2017 May 2013
COMPUTER SKILLS	Programming: R, C++, SPSS, MPLUS, SQL, Git, L ^A T _E X Statistical Computing: SAS, Stan, JAGS, Shiny, JMP	
LANGUAGES	English, Spanish	
PERSONAL INTERESTS	For enjoyment outside of statistics, I play soccer, basketball, and ride my bike.	