





Nehemias Ulloa

POSITION	Biostatistician	
CONTACT INFORMATION	 661.428.5419  nulloa.github.io	 nehemiasulloa@gmail.com  Chula Vista, CA
WORK EXPERIENCE	Center for Veterinary Biologics (CVB), APHIS, USDA	July 2019 - Present
	Remote - Chula Vista, CA, Office - Ames, IA	
	Senior Staff Statistician	Nov 2022 - Present
	<ul style="list-style-type: none">• 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• Worked with IT to implement Shiny applications and the purchase of a Shiny server	
	Staff Statistician	July 2019 - Nov 2022
	<ul style="list-style-type: none">• 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	
	Iowa Monarch Conservation Consortium	Jan 2019 - June 2019
	Ames, IA	
	Research Assistant	
	<ul style="list-style-type: none">• 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	
	<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	Aug 2013 - May 2018; Jan 2019 - June 2019
	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	
EDUCATION	PhD in Statistics	June 2019
	Iowa State University	
	<i>Thesis:</i> Bayesian Hierarchical Modeling and Analysis for Disease Outbreaks	
	<i>Advisor:</i> Dr. Jarad Niemi	
	MS in Statistics	May 2017
	Iowa State University	
	<i>Creative Component:</i> Application of Polynomial Regression to Dyadic Data	
	<i>Advisor:</i> 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	