





Nehemias Ulloa

CONTACT INFORMATION	 661.428.5419	 nehemiasulloa@gmail.com
	 nulloa.github.io	 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">• Collaborated with scientists to create regulations for new assay technologies• Collaborated with regulators to update regulations• Evaluated experimental designs and their datasets from vaccine safety and efficacy trials• Consulted with researchers to provide statistical advice on their projects• Filled in as acting supervisor when needed• Trained junior staff and provided them advice 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 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	Jan 2019 - June 2019
	Ames, IA	
	Research Assistant	
	<ul style="list-style-type: none">• Maintained and cleaned datasets for a R package• Created figures and tables for grant reports	
	After, Inc.	May 2018 - Dec 2018
	Norwalk, Connecticut	
	R Shiny Developer Intern	
	<ul style="list-style-type: none">• Developed client reports with R Shiny in collaboration with other statisticians• Created new and improved reporting templates to standardize reports across clients• Researched new Shiny 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	
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 enjoy soccer, bike riding, and basketball.	