

Nehemias Ulloa

CONTACT INFORMATION	2438 Osborn Dr. Iowa State University Ames, Iowa USA 50011	<i>Phone:</i> 661.747.5561 <i>E-mail:</i> nulloa1@iastate.edu <i>Webpage:</i> nulloa.github.io
EDUCATION	PhD in Statistics Iowa State University, <i>Expected:</i> June 2019 <i>Thesis:</i> Bayesian Hierarchical Modeling and Analysis for Disease Outbreaks <i>Advisor:</i> Dr. Jarad Niemi MS in Statistics Iowa State University, May 2017 <i>Creative Component:</i> Application of Polynomial Regression to Dyadic Data <i>Advisor:</i> Dr. Fred Lorenz BS in Mathematics California State University, Bakersfield, 2013	
WORK EXPERIENCE	After, Inc. May 2018 - Dec 2018 <ul style="list-style-type: none">• R Shiny Developer Intern: Worked with statisticians within the company to develop client reports with R Shiny and other tools. Helped create and improve reporting templates to standardize reports across clients. Researched new Shiny features which lead to new Shiny apps and documents for others to use. Iowa State University Aug 2013 - May 2018 <ul style="list-style-type: none">• TA: Run/assist with labs, office hours, and grading for STAT 101 (Principles of Statistics), STAT 330 (Probability and Statistics for Computer Science), STAT 401 (Statistical Methods for Research Workers), STAT 544 (Graduate-level Bayesian Statistics).• Instructor: STAT 101 and STAT 305 (Engineering Statistics) California State University, Bakersfield Jan 2011 - July 2013 <ul style="list-style-type: none">• TA: Helped run MATH 75 (Developmental Mathematics I) & MATH 85 (Developmental Mathematics II)• Math Department Tutoring Center: Tutored students from algebra through the calculus series• Instructor: MATH 75 & MATH 85	
RESEARCH EXPERIENCE	CREST(NSF) , California State University, Bakersfield June 2012 - June 2013 <ul style="list-style-type: none">• RA: Investigated methods of fitting a penalized broken cubic spline and compared using AIC, AICcorr, BIC, CV, and GCV criterias to the RSE REU Site: Interdisciplinary Program in High Performance Computing , University of Maryland, Baltimore County Summer 2012 <ul style="list-style-type: none">• Took Math 447: Introduction to Parallel Computing<ul style="list-style-type: none">• Learned parallel computing using C with MPI, R with Snow, and Matlab• Team collaborated with the Department of Natural Resources of Maryland to identify trouble areas of the Chesapeake Bay using different statistical methods and ranking systems.	
AWARDS	Alliance for Graduate Education and the Professoriate (AGEP) Fellowship , Iowa State University Aug 2013 - June 2018 <ul style="list-style-type: none">• Joint-fellowship between Iowa Universities dedicated to increasing the number of underrepresented minorities obtaining graduate degrees in STEM.	
ACTIVITIES	STAT-ers: Statistics Graduate student organization, Iowa State University Aug 2013 - Present <ul style="list-style-type: none">• Vice President 2015 - 2016, President 2016 - 2017	
COMPUTER SKILLS	Statistical Computing: R, SAS, C++, SPSS, MPLUS, JMP Other: \LaTeX , Git, Shiny	

PROFESSIONAL MEMBERSHIPS	American Statistical Association
LANGUAGES	English, Spanish