

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> May 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	Iowa State University Aug 2013 - Present <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 remedial math courses MATH 75 (Developmental Mathematics I) & MATH 85 (Developmental Mathematics II)• Tutor: Math Department Tutoring Center where I helped students in 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 which method of fitting a penalized broken cubic spline performs best by comparing 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 code using C with MPI, R with Snow, and Matlab• My team collaborated with the Department of Natural Resources of Maryland on a project for 4 weeks where we identified 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 science, technology, engineering and mathematics.	
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 StatCom: Statistics in the Community, Iowa State University Aug 2015 - Present <ul style="list-style-type: none">• Ran statistics station in Meeker elementary's science night	
COMPUTER SKILLS	Mathematical Computing: R, SAS, C++, SPSS, MPLUS, JMP Other: \LaTeX , Git, Shiny	
PROFESSIONAL MEMBERSHIPS	American Statistical Association	