

JOSE TOLEDO LUNA

CONTACT INFORMATION

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EDUCATION

UNIVERSITY OF CALIFORNIA, LOS ANGELES	September 2021-Present
Ph.D. in Statistics	
CALIFORNIA STATE UNIVERSITY, FULLERTON	May 2021
Masters of Science, Statistics	
CALIFORNIA STATE UNIVERSITY, FULLERTON	May 2019
Bachelor of Arts, Mathematics: Probability and Statistics	
SANTA ANA COMMUNITY COLLEGE	December 2016
Associate in Science: Mathematics	

TEACHING EXPERIENCE

UNIVERSITY OF CALIFORNIA, LOS ANGELES	Summer 2022 – Present
Teaching Assistant	
STATS 10: Introduction to Statistical Reasoning (Fall 2022)	
STATS 13: Introduction to Statistical Methods for Life and Health Sciences (Summer 2022)	
CALIFORNIA STATE UNIVERSITY, FULLERTON	Fall 2019 – Spring 2021
Teaching Associate	
Math 115: College Algebra (Fall 2019)	
Math 120: Elementary Statistics (Spring 2020, Fall 2020)	
Math 338: Statistics Applied to Natural Sciences (Spring 2021)	

PUBLICATIONS

Luna, J, Jaynes, J, Xu, H, Wong, WK. Orthogonal array composite designs for drug combination experiments with applications for tuberculosis. Statistics in Medicine. 2022; 1- 18

AWARDS/ FELLOWSHIPS

Eugene V. Cota-Robles Fellowship (2021-2025)

RESEARCH EXPERIENCE

PROJECT RAISE: GRADUATE RESEARCH MENTOR	
Assist first-generation students across different community colleges with the following summer research projects	
GOLDEN WEST COLLEGE	Summer 2019
Project: Accounting for Type II Error in the Judgment of Significance of Effects in a Two-Level Factorial Design	
LOS ANGELES COMMUNITY COLLEGE	Summer 2020
Project: Using Bayesian Analysis to Predict the Final Outcome for the 2019 FIFA Women's World Cup	
ORANGE COAST COMMUNITY COLLEGE	Summer 2021
Project: Development of an R package for creating modern graphs using ggplot2 for Design of Experiments	

CALIFORNIA STATE UNIVERSITY, FULLERTON, CA

August 2017 – May 2019

UNDERGRADUATE RESEARCH

Program: Graduate Readiness and Access in Mathematics (GRAM)

Project: Drug Combinations for KB Oral Cancer

Advisor: Dr. Jessica Jaynes

Presented:

- Section Mathematical Association of America
(MAA 2018, MAA 2019)
- Society for Advancement of Chicanos/Hispanics and Native Americans in Science
(SACNAS 2018, SACNAS 2019)

OREGON STATE UNIVERSITY, OR

Summer 2018

UNDERGRADUATE RESEARCH

Program: Research for Undergraduates Summer Institute of Statistics

Project: Comparison of Bayesian and Frequentist Estimators

Advisor: Dr. Javier Rojo

WORK EXPERIENCE

SOUTHERN CALIFORNIA COASTAL WATER
RESEARCH PROJECT

November 2020 - September 2021

Statistical Programmer

Develop statistical software for applications in storm water best management practices, and emerging contaminants. This included creating R shiny web applications, R packages and/or Python libraries for clients.

CALIFORNIA STATE UNIVERSITY, FULLERTON

Summer 2017

INSTRUCTIONAL ASSISTANT

January 2018 - June 2018

Assisting professor during the lecture lab component of an Introductory Statistics course.

Helping students out with their lab assignments and get them familiarized with the software such as R.

SANTA ANA COMMUNITY COLLEGE

September 2015 - December 2016

MATH TUTOR

Assisting students with their math classwork from courses ranging from pre-algebra to linear Algebra, including introductory statistics courses.

DIMARCO, ARAUJO, & MONTEVIDEO LAW FIRM

November 2014 - October 2015

FILE CLERK

Carry out inspections on incoming material to verify validity of content. Maintain files precisely and professionally, Assemble material that needs to be filed. General office duties.

TECHNICAL SKILLS

R Python Git/Github Linux L^AT_EX