

# JOSE TOLEDO LUNA

---

CONTACT INFORMATION	E-mail: toledo jose60@gmail.com Website: <a href="https://jose-toledo.netlify.app/">https://jose-toledo.netlify.app/</a>	
EDUCATION	UNIVERSITY OF CALIFORNIA, LOS ANGELES Ph.D. in Statistics	September 2021-Present
	CALIFORNIA STATE UNIVERSITY, FULLERTON Masters of Science, Statistics	May 2021
	CALIFORNIA STATE UNIVERSITY, FULLERTON Bachelor of Arts, Mathematics: Probability and Statistics	May 2019
	SANTA ANA COMMUNITY COLLEGE Associate in Science: Mathematics	December 2016
TEACHING EXPERIENCE	UNIVERSITY OF CALIFORNIA, LOS ANGELES Teaching Associate (Spring 2023 – Present) STATS 10: Introduction to Statistical Reasoning (Spring 2023)	Summer 2022 – Present
	Teaching Assistant (Summer 2022 – Winter 2023) STATS 10: Introduction to Statistical Reasoning (Fall 2022, Winter 2023) STATS 13: Introduction to Statistical Methods for Life and Health Sciences (Summer 2022)	
	CALIFORNIA STATE UNIVERSITY, FULLERTON 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)	Fall 2019 – Spring 2021
PUBLICATIONS	<b>Luna, J</b> , Jaynes, J, Xu, H, Wong, WK. Orthogonal array composite designs for drug combination experiments with applications for tuberculosis. <i>Statistics in Medicine</i> . 2022; 1- 18	
SOFTWARE	Toledo Luna J (2022). <b>ggDoE</b> : Modern Graphs for Design of Experiments with ‘ggplot2’. R package version 0.7.9, <a href="https://cran.rstudio.com/web/packages/ggDoE/index.html">https://cran.rstudio.com/web/packages/ggDoE/index.html</a>	
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 Project: Accounting for Type II Error in the Judgment of Significance of Effects in a Two-Level Factorial Design	Summer 2019
	LOS ANGELES COMMUNITY COLLEGE Project: Using Bayesian Analysis to Predict the Final Outcome for the 2019 FIFA Women’s World Cup	Summer 2020

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<sup>A</sup>T<sub>E</sub>X