

# Edy C. Reynolds

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## Education

### California Polytechnic University

Bachelor of Science in Statistics | Minor in Economics

- Cumulative GPA: 3.68

San Luis Obispo, California  
Expected Graduation: June 2025

## Skills

**Programming:** RStudio, JMP, Excel, Google Sheets, Looker Studio, and Python

**Languages:** Fluent in Spanish

**Statistical:** Linear regression, data visualization, statistical modeling, and research project design

## Experience

### The People's Kitchen | Non-Profit Organization

San Luis Obispo, California

Consultant/Independent Study

April 2023 - Present

- Working alongside Assistant Professor of Statistics Dr. Emily Robinson to digitize, create a data workflow, analyze, and produce dashboards to visualize data, specifically the number of meals served, for the local food kitchen in order to help maximize their efforts and sustain their service.

### California Polytechnic State University Statistics Department

San Luis Obispo, California

Grader

September 2023 - Present

- Working for the Cal Poly Statistics Department grading homework and projects for lower division statistics courses.

### Speed and Footwear Experiment | [GitHub](#)

San Luis Obispo, California

Statistical Communication Final Project

April 2023 - June 2023

- Designed and carried out a fully randomized experiment to test if type of footwear affects the speed of a single runner.

### Recall of Words Experiment | [GitHub](#)

San Luis Obispo, California

Design and Analysis of Experiments Final Project

January 2023 - March 2023

- Designed and carried out a repeated measures experiment to examine the effect of organizational patterns (ordered, random) and sound conditions (silence, white noise, music) on an individual's ability to remember simple words.
- Discovered statistically significant results for treatment conditions at a significance level of 0.05 with an optimal treatment combination, within a population of 18-23 year old Cal Poly students, to be an ordered pattern with white noise.

### Oklahoma Cancer Specialists and Research Institute (OCSRI)

Tulsa, Oklahoma

Intern

Summer 2021

- Quality Intern and Data Entry Specialist
- Organized and improved patient data set in Microsoft Excel
- Collaborated with OCSRI's data analyst to effectively clean and organize the database

## Leadership and Volunteering

### Young Life

San Luis Obispo, California

High School Leader

December 2021 - Present

- Volunteer Young Life Leader at a Christian-affiliated organization dedicated to serving and connecting with local middle and high school students. Currently serving as the team leader coordinating activities and mentoring students every Monday.

### Youth Philanthropy Initiative

Tulsa, Oklahoma

Co-Facilitator

August 2018 - May 2021

- A three-year program in which a group of students create our own philanthropy organization to help and benefit teens in our community. I served as a co-facilitator, orchestrating and conducting meetings, while ensuring the timely execution of projects and maintaining alignment with established goals and deadlines. (Project details available upon request)

## Relevant Courses

- |                                      |                                    |                                   |
|--------------------------------------|------------------------------------|-----------------------------------|
| • Statistical Computing with SAS     | • Microeconomics – Intro,          | • Statistical Communication       |
| • Statistical Computing with R       | Intermediate I & II                | • Applied Multivariate Statistics |
| • Probability Theory                 | • Using Big Data to Solve Economic | • Estimation and Sampling Theory  |
| • Design & Analysis of Experiments I | and Social Problems                | • Mathematical Statistics         |
|                                      | • Applied Linear Models            |                                   |