

Julian L. Costa

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RELEVANT WORK EXPERIENCE

WestCare Foundation / Guidance Care Center

Research Assistant

July 2018 – Present

Key Largo, FL (Remote)

- Coordinate data collection and evaluation multiple federal prevention grants (Block Grant, PPG, SOR-P).
- Perform statistical analysis of medical chart and incident reporting data with Senior Scientist.
- Analyze, organize, and submit fiscal data for grant programs, adhering to state reporting requirements.
- Conduct compliance assessments to measure and evaluate grant program fidelity.
- Maintain databases for fiscal, demographic, and evaluation data related to grant programs.
- Regularly participate in county and statewide meetings to discuss and record ongoing data trends.

Avian Conservation Center

Data Analyst

April 2025 – Present

Charleston, SC (Remote)

- Designed and implemented an R-based workflow to analyze anticoagulant rodenticide (AR) exposure in raptors using multi-year toxicology and intake data.
- Cleaned and standardized raw lab results, demographic fields, and necropsy notes.
- Produced publication-ready reporting used in community presentations and grant submissions.
- Provided statistical support on data limitations, interpretation, and planning for future analyses.

University of Central Florida – Department of Health Sciences

Research Assistant

January 2025 – June 2025

Orlando, FL (Remote)

- Conducted cross-sectional and epidemiologic analyses on health and chronic disease disparities using All of Us Researcher Workbench.
- Key projects included:
 - **Menopause & Hypertension:** Examining how physical activity affects hypertension control across menopausal stages using logistic regression.
 - **Uterine Fibroids:** Estimating national claim rates and racial/ethnic disparities based on a replication of a published Florida study.
 - **Cardiometabolic Health:** Investigating demographic predictors of elevated hsCRP and related biomarkers.
 - **SGM Health & CMD Disparities:** Examining cardiometabolic disease and obesity risk among MSM populations using machine learning models and social determinant variables.
- Played a central role in model development, data strategy, and interpretation; contributed statistical input across projects and prepared outputs for peer-reviewed publication.

EDUCATION

University of Central Florida

Bachelor of Science in Statistics, Minor in Mathematics

January 2023 – Present

Orlando, FL

- Expected Graduation: Spring 2026

Miami Dade College

Associate of Arts

July 2022

Miami, FL

- Cumulative GPA: 4.0
- Honors: 2022 All-Florida Academic Team, Highest Honors, Phi Theta Kappa Honors Society, Dean's List

SKILLS

R, SPSS, Python, Power BI, SQL, Jupyter Notebooks, Linux