

Robert McEachron

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Education

California State University Channel Islands

Bachelor of Arts in Psychology

Mathematics Minor: Statistics and Data Analytics

Current GPA: 3.99

Camarillo, CA

Aug 2023 – Expected May 2026

Moorpark Community College

Prerequisites

Cumulative GPA: 4.0

Moorpark, CA

Aug 2020 – June 2023

Research Experience

Relationships among Worldview, Math Self-Concept, and Math Anxiety

Dr. Susan Beers

Oct 2025 – Present

- Cleaned the dataset and ran factor analyses in R

Examining Graduation Rates within the Department of Computer Science at CSUCI

Dr. Alona Kryshchenko

Sept 2025 – Present

- Created data visualizations utilizing the tidyverse library in R, ran statistical analyses, and helped prepare an early manuscript

Fluctuations and Factors in Tutees' Writing Self-Efficacy Due to a Tutoring Session

Dr. Sohui Lee & Dr. Daniel Lenz

Sept 2025 – Present

- Responsible for creating the survey in Qualtrics, collaborating with other writing tutors to collect participants, and conducting multivariate analyses

Riding the Digital Wave: Navigational and Physiological Responses during a Virtual Tsunami

Dr. Christy Teranishi Martinez & Dr. Beatrice de Oca

July 2025 – Present

- Responsible for designing and coding a virtual tsunami simulation from scratch in Unreal Engine

Physiological and Behavioral Responses to Natural Disasters through Virtual Reality

Dr. Christy Teranishi Martinez & Dr. Beatrice de Oca

May 2024 – June 2025

- Responsible for redesigning and coding a virtual reality simulation in Unreal Engine, collecting heart rate and respiration data using BIOPAC software, data cleaning, and conducting multivariate analyses

Teaching Experience

Peer Tutor (Statistics)

California State University Channel Islands

Oct 2025 – Present

- Tutor students outside of the classroom within the field of psychology
- Specialize in tutoring Research Methods and Statistics courses
- Help students run SPSS analyses

Writing & Multiliteracy Tutor

California State University Channel Islands

Aug 2025 – Present

- Tutor students across writing disciplines
- Specialize in APA formatting and psychological research papers
- Work with faculty to help students in class with research proposals

Clinical Experience

Drug and Alcohol Technician

Ventura Recovery Center

June 2023 – Aug 2025

- Facilitated group sessions, promoting client engagement and support
- Documented client progress and daily activities during group sessions
- Supervised clients self-administering medication
- Collaborated with therapists and case managers
- Helped clients set and achieve recovery goals

Presentations

McEachron, R., McMurray, M., & Catalyud, A. M.. (2025, November 22). *Examining Graduation Rates within the Department of Computer Science at CSUCI* [Conference presentation]. 2025 Southern California Conference for Undergraduate Research, Camarillo, CA, United States.

Hart, A., Vaca, J., **McEachron, R.,** Acebo, K., Hernandez, G., Teranishi Martinez, C. & de Oca, B. M. (2025, May 3). *Physiological and Behavioral Responses to Natural Disasters through Virtual Reality* [Conference presentation]. Western Psychological Association Conference 2025, Las Vegas, NV, United States.

Computer Software Skills

- **Statistical Software:** R, SPSS, Excel, and Mplus
- **Game Development Software:** Unreal Engine 5.3+, Blender, Gaea 2.0, Character Creator 4.0, Metahuman Creator 5.6+
- **Design Software:** Photoshop, After Effects, Affinity, Sony Vegas Pro