

# JAMES PATRICIO

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## EDUCATION

**Ph.D. in Neuroscience:** University of California, Riverside (UCR) June 2022

*Dissertation: Neurons and Behavior: Factors That Influence Sleep Apnea*

**Bachelor of Science in Neuroscience,** University of California, Riverside (UCR) June 2017

## RESEARCH INTERESTS

- Neurobiological mechanisms of sleep apnea; Clinical sleep research; Neuropsychopharmacology; Biofeedback, Mindfulness based sleep practices

## RESEARCH EXPERIENCE

**Research Lead,** Behavioral Lab, Dr. Nathaniel, UCR September 2018-Present

- Supported, supervised, and coordinated operations for projects
- Reviewed, classified, and recorded data in preparation for computer analysis
- Prepared and presented summaries and analyses of data, including tables, graphs, and fact sheets
- Trained research assistants to collaborate with other researchers in the planning, implementation, and evaluation of research process

**Research Assistant,** Sleep and Behavior Lab, Dr. Ferdinand, UCR July 2016-June 2017

- Conducted research to gather data on REM sleep and consciousness
- Collaborated with researchers in the implementation and evaluation processes
- Analyzed data from old records, case studies, using statistical software

## TEACHING EXPERIENCE

Department of Neuroscience, UCR

**Graduate Teaching Assistant** January 2020-June 2020

*Neuroscience of Sleep*

- Provided assistance to faculty members or staff with laboratory
- Scheduled and maintained regular office hours to meet with students
- Informed students of the procedures for completing and submitting class work, such as lab reports.

## **Graduate Teaching Assistant**

September 2019-December 2019

### *Sleeping Disorders and Behaviors*

- Lead discussion sections, tutorials, and laboratory sections
- Demonstrated use of laboratory equipment and enforce laboratory rules
- Developed teaching materials, such as syllabi, visual aids, answer keys, supplemental notes, or course Web sites.

## **VOLUNTEER EXPERIENCE**

Riverside Community Hospital, Riverside, CA

### **Hospital Volunteer**

December 2015-December 2016

## **PROFESSIONAL SKILLS**

**Software:** Data Analysis Programs (i.e. Minitab, SPSS and Matlab)

**Languages:** Fluent in English (Professional) Spanish (Native Language)

## **PUBLICATIONS AND PRESENTATIONS**

Advisor, A.B. & **Patricio, J.** (2016). The Neuroscience of Sleep Behavior & Related Disorders. *American Neuroscience Association (ANA)*, Chicago, IL: ANA.

**Patricio, J.** 21<sup>st</sup> Neuroscience Conference of Southern California, San Diego, CA. June 7-8, 2015

Poster Title: *Sleep Apnea and Exhaustion on Neurochemical Interaction*

## **HONOR AND AWARD**

University of California, Riverside

### **Earle C. Anthony Fellowship**

February 2016-January 2017

Graduate Student Research Award

## **PROFESSIONAL AFFILIATION**

### **Vice-President**

January 2021-Present

Neuroscience Graduate Student Association

### **Member**

December 2016-Present

American Neuroscience Association