

Raymond Sanchez

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Education

2015-2020 (Expected) **The University of Washington** Seattle, Washington
PhD Candidate, Graduate Program in Neuroscience
Lab of Horacio de la Iglesia, Department of Biology

2011-2015 **The University of Arizona** Tucson, Arizona
Bachelor of Science
Neuroscience & Cognitive Science. Minors in Information Science, Entrepreneurship

Research

Program in Neuroscience and Department of Biology, University of Washington

PhD Student, June 2016 - Present

Dissertation: Neural Mechanisms of Sleep Regulation and Sleep Disturbances in Dravet Syndrome

Advisor: Horacio de la Iglesia, PhD

Department of Neuroscience, University of Arizona

Research Assistant, January 2013 - May 2015

Thesis: A novel EEG device for long-term monitoring of sleep in humans

Advisor: Charles Higgins, PhD

Department of Psychology, University of Arizona

Research Volunteer, June 2014 - May 2015

Striatal dopamine release in the rat engaged in goal-directed navigation

Advisor: Stephen Cowen, PhD

Conference Presentations and Contributed Abstracts

- November 2017 **Sanchez, R.**, Bussi, I., Ben-Hamo, M., de la Iglesia, H. O. Jet lag induces a transient misalignment in the circadian timing of sleep stages in the mouse. Society for Neuroscience, Washington, D.C.
- November 2017 Bussi, I., **Sanchez, R.**, Ben-Hamo, H., de la Iglesia, H.O. Sleep and circadian rhythm disturbances in a mouse model of Dravet syndrome. Latin American Symposium on Chronobiology, Valparaiso, Chile.
- November 2016 **Sanchez, R.**, de la Iglesia, H. O. Sleep architecture in a mouse model of jet lag. Society for Neuroscience, San Diego, CA

Honors & Awards

- 2017-2019 Washington Research Foundation Innovation Graduate Fellow in Neuroengineering
University of Washington Institute for Neuroengineering
- 2017-2019 Paul G. Allen Family Foundation Neuroscience Communication Scholar
Pacific Science Center Portal to the Public, Seattle, WA
- 2016-2018 Neuroscience Scholars Program Associate
Society for Neuroscience, professional and travel award

2014-2015 NASA Space Grant Intern
University of Arizona and the National Aeronautics & Space Administration

2014 Galileo Circle Scholar
University of Arizona, College of Science

2011-2015 National Hispanic Merit Scholar
National Merit Scholarship Program and the University of Arizona

Professional Appointments

2014-2015 Science Writer and Press Release Officer
UANews, The University of Arizona, Tucson, AZ

Professional Service

2015-present Admissions Committee Student Representative
Graduate Program in Neuroscience, The University of Washington

2015-present Seminar Committee Student Representative
Graduate Program in Neuroscience, The University of Washington

Oct. 2016 Student Representative to SACNAS
Graduate Program in Neuroscience, The University of Washington
SACNAS Conference in Long Beach, CA, Oct. 2016

Teaching and Outreach

2017 Society for Neuroscience 2017, Washington D.C.
Official Annual Meeting Blogger

2017-Present Pacific Science Center, Portal to the Public
Paul G. Allen Family Foundation Science Communication Fellow

2017 University of Washington Department of Biology, Teaching Assistant
BIOL 418: Biological Clocks and Rhythms

2017 University of Washington Neurobiology, Teaching Assistant
NBIO 301: Molecular & Cellular Neurobiology

2015-Present Neuroscience Community Outreach Group
The University of Washington

2015-Present Editor and Reviewer, Grey Matters Undergraduate Neuroscience Magazine
The University of Washington