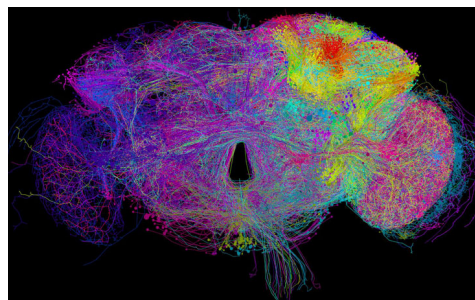


## **AMANDA ANQUEIRA-GONZÁLEZ**

### **Current Status**

Undergraduate Senior  
Dept. of Biology, UPR-Río Piedras

**Email:** amanda.aniqueira@upr.edu



### **Education**

2016-present                      UPR-Río Piedras  
2021                                      BS in Cellular and Molecular Biology (expected)

**Current Research Interests:** My research is focused in understanding genetic and cellular components responsible for neuroadaptations to ethanol and its effects on learning and memory.

### **Research Experience**

2018-present                      UPR-Río Piedras (mentor, Dr. Alfredo Ghezzi)  
2019 (summer)                      New York University (mentor, Dr. Eric Klann)  
2020 (summer)                      Princeton University (mentor, Dr. Catherine J. Peña)

### **Other Research Activities**

2018                      Genome Wide Characterization of Chromatin Accessibility Workshop  
2018                      Foldscope Instruments Paper Microscope Workshop  
2019                      MIT Quantitative Methods Biology Workshop  
2019                      Backyard Brains Equipment Training  
2019                      RNA-seq Analysis Workshop  
2019                      Genome Browser Workshop  
2019                      What's my story? Communicating Science Effectively  
2019                      Mathlab Workshop  
2019                      Writing Award Winning Grants Workshop  
2020                      Introduction to Python Workshop

### **Honors**

2017                      National Society of Collegiate Scholars  
2017                      Dean's Honor List  
2018                      Cooperative Rafael Carrión Jr. Scholarship  
2018                      NIH BP-ENDURE Fellowship  
2020                      NIH-Research Initiative for Scientific Enhancement Fellowship  
2020                      Rafael Carrión Foundation Scholarship

### **Presentations at Local Meetings**

Anqueira-González, A., Narváez, M., Ramírez, M., Agosto, J., Ghezzi, A. Effect of synaptic gene BRP in alcohol related sleep behaviors. NeuroID Summer Internship Project Symposium, UPR-Río Piedras, PR, August 17, 2018.

## Biographical Sketch

---

Anqueira-González, A., Narváez, M., Ramírez, M., Agosto, J., Ghezzi, A. Effect of synaptic gene BRP in alcohol related sleep behaviors. 5th Undergraduate Research Meeting, Verdanza Hotel, PR, September 15, 2018.

Anqueira-González, A., Narváez, M., Ramírez, M., Agosto, J., Ghezzi, A. Effect of synaptic gene BRP in alcohol related sleep behaviors. 26th Puerto Rico Neuroscience Conference, Pontifical Catholic University of Puerto Rico, PR, December 1, 2018.

Anqueira-González, A., Elder, M., Klann, E., Investigating mitochondrial structure and function in the rare X-linked intellectual disability disorder, MEHMO Syndrome. NeuroID Summer Internship Project Symposium, UPR-Río Piedras, PR, August 30, 2019.

Anqueira-González, A., Elder, M., Klann, E., Investigating mitochondrial structure and function in the rare X-linked intellectual disability disorder, MEHMO Syndrome. ASBMB 6th Cellular and Molecular Biology Meeting, UPR-Río Piedras, PR, November 21, 2019.

Anqueira-González, A., Fuenzalida, N., Agosto, J., Ghezzi, A. The Molecular Mechanisms of Ethanol Neuroadaptation. 27th Puerto Rico Neuroscience Conference, Central Caribbean University, PR, December 7, 2019.

Anqueira-González, A., Fuenzalida, N., Agosto, J., Ghezzi, A. The Molecular Mechanisms of Ethanol Neuroadaptation. NeuroID Graduation Symposium, Virtual Format, June 8, 2020.

### **Presentations at National Meetings**

Anqueira-González, A., Narváez, M., Ramírez, M., Agosto, J., Ghezzi, A. Effect of synaptic gene BRP in alcohol related sleep behaviors. Society for Neuroscience Annual Conference, San Diego Convention Center, San Diego, CA, November 3, 2018.

Anqueira-González, A., Elder, M., Klann, E., Investigating mitochondrial structure and function in the rare X-linked intellectual disability disorder, MEHMO Syndrome. NYU's 6th Annual Summer Student Research Conference, New York University, Manhattan, NY, July 19, 2019.

Anqueira-González, A., Elder, M., Klann, E., Investigating mitochondrial structure and function in the rare X-linked intellectual disability disorder, MEHMO Syndrome. NYU Center for Neural Science Summer Research Symposium, New York University, Manhattan, NY, July 26, 2019.

Anqueira-González, A., Fuenzalida, N., Agosto, J., Ghezzi, A. The Molecular Mechanisms of Ethanol Neuroadaptation. Society for Neuroscience Annual Conference Diversity Poster Session, Hyatt Regency McCormick Place, Chicago, IL, October 19, 2019.

## Biographical Sketch

---

Anqueira-González, A., Fuenzalida, N., Agosto, J., Ghezzi, A. The Molecular Mechanisms of Ethanol Neuroadaptation. Society for Neuroscience Annual Conference, Hyatt Regency McCormick Place, Chicago, IL, October 22, 2019.

Anqueira-González, A., Elder, M., Klann, E., Investigating mitochondrial structure and function in the rare X-linked intellectual disability disorder, MEHMO Syndrome. 2019 REU Symposium, Westin Alexandria, VA, October 28, 2019.

Anqueira-González, A., Fuenzalida, N., Agosto, J., Ghezzi, A. The Molecular Mechanisms of Ethanol Neuroadaptation. Princeton Neuroscience Institute Summer Internship Program Research Blitz 2020, Virtual Format, July 31, 2020.

Anqueira-González, A., Fuenzalida, N., Agosto, J., Ghezzi, A. The Molecular Mechanisms of Ethanol Neuroadaptation. Virtual Leadership Alliance National Symposium, Virtual Format, August 1, 2020.