

Jeriel Dumeng Rodríguez

Current Status

Undergraduate Student

Dept. of Biology, University of Puerto Rico-Río Piedras Campus

Email: jeriel.dumeng@upr.edu

Education

2016-Present BS Molecular Cell Biology, UPR- Río Piedras Expected 2020

Current Research Interests:

My current research project focuses on uncovering DNA binding properties of cardiac transcription factors associated with congenital heart defects.

Research Experience

August 2018- Present UPR-Río Piedras, Research Assistant, (mentor: Dr. José Rodríguez)

Summer 2019 University of Pennsylvania, Research Assistant, (mentor: Dr. Kimberly Christian)

Summer 2018 UPR- Río Piedras, Research Assistant, (mentor: Dr. Carlos Cabrera)

August 2017- May 2018 UPR-Arecibo, Research Assistant, (mentor: Dr. Maiella Ramos)

Honors

2018-Present Research Initiative for Scientific Enhancement Fellowship (NIH U-RISE)

2018-Present Dean's List Student

Awards

2018- ASBMB Student Chapter Travel Award

2018- ACS Publications Travel Award

Presentations at National Meetings

Dumeng, J; Ferre, M; Rodriguez, M; Rodriguez-Martinez, J;. Molecular Cloning of a Fluorescence-Based Reporter Plasmid for Cell-Free Protein Synthesis. 2019 Experimental Biology Annual Meeting. Orlando, FL. April 2019

Dumeng, J; Figueroa, W; Rivera, V; Cortes, Y; Ramos, M;. Determination of Heavy Metal Contents by Atomic Absorption Spectroscopy (AAS) in Medicinal Aquatic Macrophytes. 255th ACS National Meeting and Expo. New Orleans, LA. March 2018.

Presentations at Local Meetings

Dumeng, J; Rodríguez, K; Ramos, M;. Bioaccumulation of Heavy Metals in Macrophytes, Surface Water and Sediments from the Caño Tiburones Wetland. XVI Research Symposium, Chemistry Department University of Puerto Rico at Arecibo, Arecibo, PR May 2018

Dumeng, J; Rodríguez, K; Ramos, M;. Bioaccumulation of Heavy Metals in Macrophytes, Surface Water and Sediments from the Caño Tiburones Wetland. Puerto Rico Louis Stokes Association for Minority Participation (PR-LSAMP) 52nd Junior Technical Meeting (JTM) and 37th Puerto Rico Interdisciplinary Scientific Meeting (PRISM), Gurabo, PR. April 2018