

Biographical Sketch: Franklin Aviles

Email: Franklin.aviles1@upr.edu

Current:

- B.S. Student
Department of Chemistry
University of Puerto Rico, Rio Piedras Campus.



Education:

University of Puerto Rico, Ponce Campus August 2014–May 2016

Bachelors in Biomedical Science.

University of Puerto Rico, Río Piedras Campus August 2016- Current

Bachelor in Natural Sciences, Chemistry

Research Interests:

Intellectual curiosity, people's wellbeing, and scientific innovation are my greatest motivations. Through intellectual curiosity --the continuous asking "Why?", "What?" and "How?" -- paradigms are shifted, hypotheses are confirmed or ruled out, and solutions are found to everyday problems. My career and personal goals expand to a sense of duty to improve people's lives. I desire to apply chemistry techniques to the discovery of biological functions relevant to the clinical field.

Research Experience:

"Exploring Galactose Oxidase as an Electrochemical Probe for Complex Sugars."

2017-present

P.I.- Dra. Ana Guadalupe

"Construction of a Mid-IR Spectrometer for Backscattering Imaging"

P.I. – Dr. Garth Simpson

2017 (summer)

Groups and Organizations

- Member of the Pro-Agriculture Coalition – 2015-2016

- Member of Medlife Student Association – 2014 – present

- Member of American Chemical Society (ACS) – 2016 – present

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Extracurricular Activities

- Medical services volunteer to families of scarce resources in Peru with the University organization MEDLIFE.