

Biographical Sketch

José Javier Fuentes Rivera

Current Status

Senior Undergraduate Student
Department of Chemistry, UPR-RP

Email:

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Education

2012-present UPR-Río Piedras
2018 B.S. Chemistry

Research Interests

Areas of research interest include organic chemistry, materials chemistry and biochemistry, especially drug synthesis and the study of their biochemical properties and effects in the human body. Also, I am interested in new ways of harvesting, transporting, and storing energy. My biggest goal is to become an example and inspiration for others as a science professor and researcher.

Research Experience

2013 UPR-RP, Bio-Remediation Chemistry, mentor: Dr. Liz Díaz

2014-2015 Worked as lab technician at Materials Characterization Center

2015-2018 UPR-RP, Chemistry with Dr. Carlos Cabrera; *Flexible Impedance Biosensor for Folate Receptor Detection in Cancer Diagnosis*

2016-New York University (NYU), MRSEC REU in Chemical Engineering with Dr. Bruce Garetz; *Study of the Non-Photochemical Light Induced Nucleation in a Glycine Super-Saturated Solution*

2017-Cornell University, CCMR REU in Chemical Engineering with Dr. Tobias Hanrath; *Controlling Product Selectivity*

Honors

2015-present Research Initiative for Scientific Enhancement (RISE) Research Assistantship

