

Biographical Sketch

ANNA C. MARTÍNEZ GUADALUPE

Current Status

Undergraduate Student
Dept. of Biology, UPR-Río Piedras

E-mail: anna.martinez1@upr.edu

Education:

2014-2017 University Gardens High School
2017-present UPR-Río Piedras

Research Interests: My research centers around the improvement of orthopedic implants' mechanical properties and biocompatibility using a titanium alloy and carbon nanocomposites. We are currently testing the biocompatibility of our implant material using osteoblasts.

Research Experience:

2018-present Research Assistant (mentor: Dr. Brad Weiner)

Other Research Activities

2017 Ignite Biotech Summer Program

Honors

2017 Premio a la Excelencia Académica del Departamento de Educación de Puerto Rico
2017 Beca Universitaria "Te Queremos Preparado" del Senado de Puerto Rico
2017 Premio a la Excelencia Académica Rafael Carrión, Jr.
2018 Programa de Estudios de Honor UPR-Río Piedras
2019 Cuadro de Honor de la Facultad de Ciencias Naturales, UPR-Río Piedras

Presentations at Local Meetings

Martinez Guadalupe, A., Sandoval, S., Rodríguez, S., Rojas, C., Avalos, J., Ortiz, D., Morell, G., Weiner, B.R., Mechanical properties of Ti-C composite and its biomedical applications. 53rd ACS Junior Technical Meeting (PRISM/JTM). Mayagüez, PR, May 4, 2019