

PAOLA GRANADOS

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EDUCATION

The University of Texas Rio Grande Valley – Edinburg, TX
Bachelor of Science in Environmental Sciences and Civil Engineering
The Science Academy of South Texas – Mercedes, TX
Distinguished Plan; GPA: 99.5/100

Anticipated Graduation:
Spring 2021
2017

EXPERIENCE

University of Texas Rio Grande Valley – Edinburg, TX

February 2018 – Present

School of Earth and Environmental Sciences

Undergraduate Research Assistant

- Collected locally sourced biomass from agricultural and yard waste sources then pyrolyzed into biochar to test its lead adsorption capacities
- Ran adsorption tests using HACH spectrophotometer and reagent test kits
- Literature review of biochar related projects
- Presented data and findings at the 2018 Lower RGV Stormwater Management Conference

Stanford School of Earth, Energy and Environmental Sciences – Stanford, CA June 2019 – August 2019

Summer Undergraduate Research in Geoscience and Engineering Program

- Assisted in a research project focused on groundwater sustainability and geogenic groundwater contamination
- Ground then analyzed sediments using X-Ray Fluorescence (XRF) Spectroscopy
- Presented a poster and oral presentation at SURGE symposium

McAllen Nature Center – McAllen, TX

April 2018 – June 2019

Instructor II

- Completed 75 hours of community service at site prior to hiring
- Maintain trails and gardens
- Participated in a grassland restoration project and removal of invasive species
- Lead and teach in school field trip programs, volunteer programs, and family camping programs

Texas Envirothon – Houston, TX

2014-2017

Participant

- Competed as part of a five-person team
- Completed tests in subjects including wildlife biology, aquatic ecology, soils, and forestry
- Create a management plan addressing an environmental problem and present it to field experts

SKILLS

Bilingual: Fluent in Spanish, able to read, write, and speak

Microsoft Office: Word, Excel, PowerPoint, Outlook

Adult CPR/AED and First Aid certified by the American Red Cross

HONORS AND AWARDS

Received the NAVY STEM Scholarship worth \$10,000 sponsored by NAVSEA and Great Minds in STEM in 2017 and 2018. In 2018, received the STARS Scholarship and awarded an NSF – SHIPGEO scholarship. In 2016, won first place overall in Texas Envirothon and had the opportunity to represent Texas at the National Envirothon competition. In 2017, placed first in Texas Envirothon's Wildlife and Current Issue categories.