

Armida Rivera
 1303 Ruby ST.
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EDUCATION

Bachelor of Science, Major in Environmental Science, Minor in Art. University of Texas Rio Grande Valley, Edinburg. May 2020. *Summa Cum Laude*

Associates of Art. Major in Interdisciplinary Studies. South Texas College, McAllen. May 2017. *Magna Cum Laude*

Certifications

EPA Watershed Management Training Certificate 2019

Academic Achievements & Honors

President’s List- 2017, 2019-2020

UTRGV Distinguished Scholars Reward from Engaged Scholar Symposium (ES^2)- 2019

Dean’s List- 2018

Member of Phi Theta Kappa Honor Society- 2016-2017

Relevant Course Work

<i>Environmental Science</i>	<i>Biology</i>	<i>Geology</i>
Soil Ecology Environment and Society Earth System Science Soil Science Conservation Novel Ecosystems Ecosystem Management* Advance Sustainable Agriculture* System Science and Applications*	Conservation Biology Plant Taxonomy Global Change Ecology Marine Botany	Environmental Geology Introduction to GIS Physical Geology

*In progress

EXPERIENCE

Graduate Research Assistant, Department of Agricultural, Environmental, and Sustainability Sciences (AESS), University of Texas Rio Grande Valley

2020-present

- Analyzing effects of conventional and organic fungicides on farming soils in a climate change scenario
- Measuring fungicide persistence and effects on soil health

Undergraduate Research Assistant, Department of Biology, University of Texas Rio Grande Valley

2018-present

- Assisted in the project, “The Potential Effects of Climate Change on The Geographic Distribution of The Endangered Plant Species *Manihot walkerae*.”
- Taking photography of the area and the plant species
- Composing reports of the fruits, flowers, etc.,
- Accompanying to areas where the plant can potentially be
- Assisted in inputting data into Maxent

Digitizer, Department of Biology, University of Texas Rio Grande Valley
2019

- Digitized plant species at the herbarium
- Organized plant species

Community Engagement, College of Science, University of Texas Rio Grande Valley. 2019

- Assisted in constructing a garden at San Carlos Endowment Center
- Promoting sustainability

Undergraduate Research Assistant, Department of Biology, University of Texas Rio Grande Valley
2019

- Assisted in the project, “Biogeographic Identity of the Tamualipian Biotic Province”.
- Analyzed geographic distribution of common plant species found across 8 different plant communities in the Lower Rio Grande Valley

Undergraduate Research Assistant, Department of Biology, University of Texas Rio Grande Valley
2019

- Assisted in studying canals with its association of avian diversity
- Took picture of bird species
- Identified and counted bird species at assigned canal
- Composed reports

Volunteering- Rio Reforestation, Lower Rio Grande Valley National Wildlife Refuge, 2019

- Assisted in planting native plant species within the organization, Native Plant Conservation Club

Volunteering- National Butterfly Center, Mission, 2018

- Helped plant native species
- Assisted in events such as Halloween Festivals

Intern at McAllen Nature Center, McAllen, 2018

- Helped plant native species and maintain areas
- Assisted in programs
- Learned plant species and the importance of natural systems

Presentations

Rivera, Armida. Dr. TP Feria. 2019. “Transforming Trash into Treasures”. Engaged Scholar Symposium UTRGV, Brownsville, Texas

Publications

Garza G, Rivera A, Venegas Barrera CS, Martinez-Avalos JG, Dale J, Feria Arroyo TP. Potential Effects of Climate Change on the Geographic Distribution of the Endangered Plant Species *Manihot walkerae*. *Forests*. 2020; 11 (6): 689.

Organizations

Native Plant Conservation Club (NPCC) (2019-present)
Position: Member

Native Plant Conservation Club (NPCC) (2018-2019)
Position: Secretary

SPECIAL SKILLS

Computer

- Familiar with basic ArcGIS
- Knows basic Microsoft's Office

Language Spanish (native, speaks, read, and write)