

JULISSA RIVAS

| jmrivas3@cougarnet.uh.edu |

PROFESSIONAL SUMMARY:

Ambitious Atmospheric Science graduate student. Combines academic pursuit with entrepreneurial experience, demonstrating strong analytical, communication, and leadership skills. Aspiring to merge mathematical aptitude and meteorological passion to contribute to cutting-edge climate research and weather forecasting.

EDUCATION:

The University of Houston - Houston, Texas
Ph.D ,Earth and Atmospheric Science

August 2025-Present

The University of Texas Rio Grande Valley (UTRGV) - Brownsville, TX
Bachelor of Science in Mathematics; Minor in Communication

May 2025
GPA: 3.3/4.0

- Concentration: Science and Engineering

SKILLS:

- Bilingual (English & Spanish)
- MROS Observer National Weather Service 2024
- Data Collection
- Upper Air Certification
- Community Outreach
- Radiosonde
- Adobe Premiere
- Microsoft Office (Word, Excel & PowerPoint)
- Arc GIS Pro
- Communication

EXPERIENCE:

National Weather Service -Brownsville, TX
Volunteer

October 2022 –July2025

Developed proficiency in upper air observation techniques, including balloon and radiosonde preparation, earning Upper Air Certification in April 2024. Spearheaded community outreach initiatives on hurricane preparedness, reaching diverse audiences at Brownsville Public Library and Su Clinica Health Clinic. Collaborated with boat captains at fishing tournaments to deliver critical coastal water reports, enhancing maritime safety. Shadowed professional meteorologists, gaining comprehensive insight into operational weather forecasting and data collection processes.

COMMUNITY INVOLVEMENT/LEADERSHIP:

- Member of The Mathematical Society Spring 2024 – May 2025
- UTRGV TRiO Student Support Services – Participant August 2021 – July 2025
- St Joseph Church – Choir August 2018 - Present
- Sombrero Festival Volunteer Assistant February 2016 – July 2025
- UTRGV TRiO Talent Search - Participant and Volunteer August 2012 – July 2025
- National Weather Service Su Clinica Outreach August 2024
- National Weather Service fishing tournament Outreach August 2024
- UTRGV TRiO Conference presenter Spring 2023
- UTRGV TRiO Conference presenter Fall 2023
- National Weather Service Hazards Outreach August 2023
- St. Joseph Catholic Church Education Teacher Assistant August 2018 - 2020

HONORS AND AWARDS:

UTRGV TRiO Academic trip to Houston, Texas
Trip to Tropics-National Tropical Weather Conference
UTRGV TRiO Grant Aid Scholarship Recipient
UTRGV Dean's List

Recipient Summer 2024
Recipient 2024
Spring 2022
Fall 2020 & Spring 2021

UTRGV President's List
Scholarship Recipient of Saucedo Flores Endowed Scholarship

Fall 2021
Fall 2020

Activities :

Crocheting

Singing

Running