

# JULISSA RIVAS

| [jmrivas3@cougarnet.uh.edu](mailto:jmrivas3@cougarnet.uh.edu) |

## PROFESSIONAL SUMMARY:

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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:

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**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:

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- 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:

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**University of Houston – Houston ,TX**  
Teacher Assistant

August 2025-Present

Developed proficiency in teaching students in a higher level of education.

**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:

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- St Joseph Church – Choir August 2018 - Present
- Member of The Mathematical Society Spring 2024 – May 2025
- UTRGV TRiO Student Support Services – Participant August 2021 – July 2025
- 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:**

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UTRGV TRIO Academic trip to Houston, Texas	Recipient Summer 2024
Trip to Tropics-National Tropical Weather Conference	Recipient 2024
UTRGV TRIO Grant Aid Scholarship Recipient	Spring 2022
UTRGV Dean's List	Fall 2020 & Spring 2021
UTRGV President's List	Fall 2021
Scholarship Recipient of Saucedo Flores Endowed Scholarship	Fall 2020

**Activities :**

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Crocheting	Singing	Running
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