

Roberto R. Reyna

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EDUCATION

MS in Geology, GPA: 4.0 Expected May 2026
University of Houston, Houston, Texas
Thesis: Impact of brine upwelling on contamination of a sand aquifer associated with the occurrence of leakage from a natural CO₂ reservoir in eastern-central Utah
BS in Geology, magna cum laude, Geophysics Minor, GPA: 3.768 July 2024
University of Houston, Houston, Texas
BS in Environmental Studies, magna cum laude, GPA: 3.876
Texas A&M University, College Station, Texas December 2020

AWARDS

University of Houston	Texas A&M University
<ul style="list-style-type: none">• 2024 Margaret Bishop Outstanding Student• Dean's List: Spring 2024, Fall 2023, Fall 2022• Graduation Banner Bearer: top GPA of department	<ul style="list-style-type: none">• 2020 College of Geosciences Outstanding Student• Dean's List: Fall 2020

COURSEWORK

Geochemical Reaction Modeling	Groundwater Geochemistry	Remote Sensing
Hydrogeology	Structural Geology	Carbon Sequestration
Geophysical Data Acquisition	Machine Learning	

ACADEMIC PROJECTS

SEG Evolve Carbon Solutions 8/2024 – 2/2025
Participated as team geologist in multidisciplinary source-to-sink carbon capture and storage project.

- Researched relevant geology of the Southern North Sea area of interest
- Analyzed well logs and well reports to inform facies modeling

WORK EXPERIENCE

Geophysical Engineer Intern 6/2023 – 1/2024
Borehole Seismic, Houston, Texas

- Installed geophone tool-strings in observation wells to monitor hydraulic fracture geometry.
- Recorded and processed perforation-shot times and pumping duration for real-time data processing.
- Analyzed micro-seismic primary and secondary waves to enhance event clarity.

Environmental Assessment Intern

BBG Real Estate Services, Houston, Texas 5/2022 – 8/2022

- Trained to conduct and then implemented Environmental and Property Condition Assessments (ESA, PCA)
- Assisted in drafting Phase I ESA's, PCA's, and Records Search with Risk Assessment (RSRA's)

LEADERSHIP EXPERIENCE

Student Ambassador Co-Chair, College of Natural Science and Mathematics (NSM) 8/2022 – 5/2024

- Co-led a team of student ambassadors at NSM outreach and new student events
- Selected to advise new program directors on current ambassador practices
- Represented NSM at UH campus tours and College fairs

Treasurer and Sponsorship Chair, University of Houston Rugby Football Club 1/2024 – 5/2024

- In addition to playing as a starter, was responsible for managing club funds and helped establish comprehensive goals aimed at advancing the club's development and success

SKILLS

PHREEQC	ArcGIS Pro	ENVI
Seismic Interpretation	Geologic Mapping	Petrographic Methods