

Juan Pablo Chavez

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EDUCATION

Bachelor of Science in Petroleum Engineering
Texas A&M University – College Station, TX, USA

August 2022 – Present
Expected Graduation: May 2027

Associate of Arts in Multidisciplinary Studies
El Paso Community College – El Paso, TX, USA

May 2022

TECHNICAL RESEARCH & PRESENTATIONS

Joe B. Foster '56 Student Paper Contest Presenter – Texas A&M University

January 2025

- Evaluated the operational viability of Low-Frequency Distributed Acoustic Sensing (DAS) for real-time natural gas pipeline leak detection and simultaneous wellbore performance monitoring.
- Presented technical research to faculty and peers as part of the petroleum engineering department's annual paper contest.

LANGUAGE & SKILLS

- Spanish
- Python
- CoViz 4D
- tNavigator
- MS Office
- C++
- CMG Software

LEADERSHIP & INVOLVEMENT

Member, Society of Petroleum Engineers - Texas A&M Chapter

March 2023–Present

Communications Liaison, Student-led Environmental Stewardship

August 2020–May 2022

- Managed a \$10,000 grant from the Environmental Protection Agency to execute a wetland restoration project at Keystone Heritage Park in El Paso, TX.
- Engineered and Implemented Hügelkultur organic mounds to optimize soil moisture retention and successfully rehabilitate drying vegetation zones.

Co-President, El Otro Lado Border Immersion Program

January 2019–May 2022

- Led and organized bi-weekly border immersion experiences for members and visiting high school and college students from across the country with the head director of the program.

WORK EXPERIENCE

Golf Operations Assistant, Coronado Country Club – El Paso, TX

January 2022 – April 2022

- Streamlined daily operational logistics and equipment maintenance, efficiently managing services for up to 40 customers per hour during peak operations.

HONORS

- NASA High School Aerospace Scholar
- National Hispanic Scholar

July 2021

May 2022