

Cade Alaniz
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EDUCATION

Aug. 2023 – present Bachelor of Science Chemistry, Texas A&M University, College Station, TX
GPA: 4.00/4.00

2019 – 2023 High School Diploma, Marcus High School, Flower Mound, TX
GPA: 3.73/4.00

RESEARCH EXPERIENCE

Jan. 2024 – present Undergraduate Researcher, Texas A&M University, College Station, TX
Advisor: Prof. Sarbajit Banerjee; Mentor: Dr. Shruti Hariyani, Ph.D.
Research Topic: Synthesis and characterization of novel insertion-based electrodes for fluoride-ion batteries.

WORK EXPERIENCE

2022 – present Greater Lewisville Area Soccer Association, Lewisville, TX
North Texas Soccer and U.S. Soccer certified to referee U6-U19 recreational and competitive soccer games.

2021 – 2023 High School AP Chemistry Teaching and Lab Assistant, Flower Mound, TX
Teacher: Khysunja Frisella

HONORS AND AWARDS

5. Outstanding First Year Chemistry Award	2024
4. National Hispanic Recognition Program Scholar	2023
3. National Science Honor Society Scholar	2023
2. National Math Honor Society Scholar	2023
1. Texas Boys State Representative: Post 71, Denton, TX	2022

LEADERSHIP EXPERIENCE

Jan. 2024 – present ACS Student Affiliate Chapter, Meeting Coordinator, College Station, TX

PRESENTATIONS

1. Science National Honor Society Monthly Meeting, Flower Mound, TX “Mind Blowing: The Basics of Energetic Materials and Thermodynamic Analysis” February 2023

OUTREACH

1. Texas A&M University Chemistry Open House Volunteer 2023

TECHNICAL SKILLS

Hydrothermal, high temperature solid state synthesis, glovebox work, and powder X-ray diffraction.