

# Victoria Chavez

210-386-1457

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vchavez197@yahoo.com

## Professional Objective:

Seeking an entry-level or graduate internship position for environmental engineering, ecological engineering, ecological restoration, or natural resources.

## Education:

Colorado State University – Fort Collins, Colorado (Aug 2020-Dec. 2021)  
M.N.R.S Concentration in Ecological Restoration 3.66 GPA

Texas A&M University – College Station, Texas (Aug 2015-Dec 2019)  
B.S. in Civil Engineering 3.53 GPA  
Concentration in Environmental Engineering; Minor in Youth Development.

## Technical Experience:

### *Environment Texas, (Remote) Austin, TX*

#### Texas Policy Project

Oceans Policy Intern (Unpaid) (Oct 2020-current)

- Application of environmental research
- Advocacy for Oceans and outreach to the local community for their participation

### *Colorado State University, Fort Collins, CO*

#### Department of Fish and Wildlife Biology (FW)

Teaching Assistant for FW 370: Design of Fish and Wildlife Projects (Jan 2021-current)

- Be present and knowledgeable for lectures, labs, and exams.
- Be available during office hours each week, and be prepared to answer questions about lectures and labs that week.
- Grade a variety of assignments in concordance with the other TA and Instructor.

### *Texas A&M University, College Station, TX*

#### Department of Biological and Agricultural Engineering (BAEN)

Soil Science Laboratory Manager (Jan-May 2018)

- Operated TypoSoil Machine and conducted soil-water extraction technology
- Checked and maintained equipment; communicated with faculty if there were errors or products to be ordered

Student Worker (Water/Energy/Food NEXUS Team) (Jan 2017-May 2018)

- Attended team meetings and helped the team accomplish deadlines
- Assisted professors communicate within the team and to domestic and international partners

LAUNCH Undergraduate Research Scholars Program (Aug 2017-May 2018)

- Thesis: “THE IMPACT OF CEO<sub>2</sub> ENGINEERED NANOMATERIALS ON THE SOIL-WATER HOLDING PROPERTIES: A PEDOSTRUCTURE CHARACTERIZATION APPROACH”
- Analyzed the effect of various concentrations and amounts of cerium oxide nanoparticles on multiple soil types

- <https://hdl.handle.net/1969.1/188533>

#### Office of Sustainability

Outreach Specialist Intern (unpaid) (Aug 2016-May 2017)

- Utilized interactive educational outreach activities on campus to spread sustainability message
- Enhanced communication and presenting skills by designing and planning professional presentations
- Served as Inventory Specialist in Spring 2017

## Other Experience

*H-E-B, Universal City, TX* (June- Aug 2020) & (Dec 20- Jan 13, 2021)

Customer Service Assistant

*Judson Independent School District, Universal City, TX*

Substitute teacher (March 2016-current)

Long-term substitute (College & Career Readiness and Technical Applications) (Jan-June 2020)

*Hermann Sons Life Camp, Comfort, TX.*

Youth Development Professional (2014-2019)

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## Colorado State Activities:

Graduate Student Council Member  (Fall 2020-current)  
SEEDS Student Member (Fall 2020-current)  
LuMin (ELCA) Campus Ministry Member (Fall 2020-current)

## Texas A&M Activities:

American Society of Civil Engineers (ASCE) Student Member (Spring 2018-current)  
Environmental and Water Resources Institute Student Member (Spring 2019-current)  
National Association of Environmental Professionals (Fall 2015-Spring 2019)  
Treasurer (Fall 2017-Spring 2019)  
Texas A&M Treehouse (ELCA) Campus Ministry Member (Fall 2016-Fall 2019)  
Worship Group Leader (Fall 2017-Spring 2019)  
Texas A&M Racquetball Club (Fall 2016-Fall 2019)  
Women in Engineering Member (Fall 2015-Fall 2017)  
Environmental Issues Committee {outreach} Member (2015-2016)

## Other Achievements:

3<sup>rd</sup> place USAR Intercollegiate Nationals, doubles (Spring 2019)  
TXRA 2018 Female Athlete of the Year (Spring 2019)  
Texas Association of Environmental Professionals (TAEP) Scholarship Recipient (Fall 2018)  
4<sup>th</sup> place USA Racquetball (USAR) Intercollegiate Nationals, doubles (Spring 2018)  
LAUNCH Undergraduate Research Scholar (2017-2018)  
Distinguished Student Award: *Outstanding Academic Achievement* (Spring 2017)  
Dean's Honor Award: *Outstanding Academic Achievement* (Fall 2016)

## Certifications:

CPR and First Aid (Red Cross) (2015- 2020)  
Riflery and Archery Range/Level One Archery Instructor (USA Archery)  (2014- current)

## Technical Skills:

Rangeland Management: Daubenmire Cover Method, Point-Intercept Method, Nested Frequency Method  
AutoCAD- Civil 3D and Revit  
Matlab and R (beginner)  
Microsoft Word, Excel, and PowerPoint