

Victoria Chavez

vblocker9@yahoo.com

210-386-1457
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 CEO₂ 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)
<u>Treasurer</u>	<u>(Fall 2017-Spring 2019)</u>
Texas A&M Treehouse (ELCA) Campus Ministry Member	(Fall 2016-Fall 2019)
<u>Worship Group Leader</u>	<u>(Fall 2017-Spring 2019)</u>
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 rd 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 th place USA Racquetball (USAR) Intercollegiate Nationals, doubles	(Spring 2018)
LAUNCH Undergraduate Research Scholar	(2017-2018)
Distinguished Student Award: <i>Outstanding Academic Achievement</i>	(Spring 2017)
Dean's Honor Award: <i>Outstanding Academic Achievement</i>	(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