

# JENNIFER BAEZ

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## EDUCATION

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### University of Texas at Rio Grande Valley

Bachelor's of Biology with a minor in Environmental Science

*August 2015-May2019*

Masters of Agricultural Environmental and Sustainability sciences

*August 2019-Present*

## SKILLS

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- Carpentry
- Fluent in English and Spanish
- Experience in data entry and management

## TRAINING EXPERIENCE

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### Max Ponds- South-most Preserve-The Nature Conservancy

May 2018- May2019

*Intern*

- Fulfilled an order of 50',000 native seedlings for USFW
- Began and developed a volunteer partenship with local highschools to plant seedlings in abandoned agricultural fields.

### Melissa Jones- Resaca de la Palma State park

August 2018- December 2018

*Intern*

- Interpreting
- Gave classes to the public on archery, binocular use/bird identification, and photography.
- Invasive species management of *Nylanderia fulva*
- Small mammal trapping to asses rodent population
- Technician for butterfly garden

## WORK EXPERIENCE

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### Dr. Christoper Gabler-UTRGV

May 2016-May 2019

*Undergraduate research assistant for the following projects*

- "Landscape conservation in South Texas: ecosystem assesment and prioritization for a wildlife corridor connecting Lower Rio Grande NWR and Laguna Atascosa NWR".
- "Ecological and economical sustainable approches to ameliorating eutrophication in freshwater ecosystems"
- "Environmental factors influencing bird diversity in urban ecosystems and the impact of community gardens"
- "Test of four inexpensive ways to reduse evaporation in scalable aquaponics systems"
- "Impacts of climate change on recrutment of black mangrove, a foundation wetland species"
- "Mapping the distrubution of invasive plants in Sabal palm Sanctuary"
- "Developing tools to alliviate eutrophication and nitrogen fixation capacity of aquatic plants exposed to herbacide"
- "Can we predict risk of plant invasion based on environmental conditions in palm forest?"

- "Climate Resilient Agroecological Watershed-Food Integration System for Husbandry"

**Dr. Richard Kline-UTRGV**

December 2017-December 2018

*Undergraduate research assistant for the following projects*

- "Range distribution and modeling for the black spotted newt"
- "Wildlife use of mitigation structures pre and post construction along South Texas highways"
- "An analysis of factors associated with wildlife mortalities in South Texas"

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## ACADEMIC ACHIEVEMENTS

**Dr. Alejandro Fierro-UTRGV**

November-2018

*Texas Society for Ecological Restoration Conference San Antonio, TX*

- 2nd place Undergrad oral presentation "Allelopathy of native woody species as potential approach for thorn forest restoration: a test on inhibition of germination and emergence"

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## EXTRA-CIRRICULAR

-Texas Sea Grant research symposium(College Station,TX)

March-2019

-College of Sciences Annual Research Conference-UTRGV (Edinburg,TX)

March-2019

-Texas Master Naturalist(289 volunteer hrs)

January 2018-present

-UTRGV College of Sciences High Scholars Program

June 2016-July 2019

-Texas Envirothon Competition(Houston,TX)

March-2019

-Red Tide Ranger

August-2017-Present

-Ocelot Soiree Volunteer

January- 2018

-Friends of Laguna Atascosa Volunteer

June 2019-Present