

# Lupita Navarro Tapia

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## Education

**THE UNIVERSITY OF TEXAS AT AUSTIN**

EXPECTED MAY 2022

College of Natural Sciences, B.S. in Computational Biology

## Relevant BioStats Coursework

**SDS 348** - Computational Biology & Bioinformatics

Spring 2021

- Learned advanced skills for data analysis using R
- Independent project analyzing college professor salaries across genders
- Gained Python knowledge and beginner comprehension
- Created Github to organize statistical data, research, and projects
- Learned how to run statistical tests (linear regression, t-tests, etc.) using R

**M 340 L** - Matrices/Matrix Calculations

Spring 2021

- Learned techniques of matrix calculations
- Practiced applications of linear algebra

**BIO 326R** - General Microbiology

Spring 2021

- Learned advanced knowledge of the cell structure and function, genetics, host-microbe interactions, physiology, ecology, diversity, and virology.

**BIO 370** - Evolution

Spring 2021

- Introduction to modern evolutionary biology, with focus on molecular, developmental, morphological, and behavioral evolutionary traits.
- Learned of genetic and ecological origins of evolutionary changes within populations and of evolutionary divergence in animals and plants.

## Leadership & Involvement

**UNDERGRADUATE STUDENT COUNCIL**, The University of Texas at Austin

Council Member

Sept 2019 - May 2021

- Attended weekly meetings
- Apart of the Events Committee
- Assisted in planning social events for UT undergraduates
- Helped to vote on and create student policies

## **STUDENTS AGAINST CRUELTY TO ANIMALS (SACA), The University of Texas at Austin**

Graphic Design Position

Sept 2018 - Dec 2018

- Attend weekly meetings
- Assisted in planning and designing poster for activist event
- Created flyers to raise awareness and promote SACAs bake sale

## **INTERACT CLUB, James Madison High School**

Student Member

Nov 2014 - Nov 2017

- Attended monthly meetings
- Participated in multiple volunteering events serving the community of San Antonio

## **Volunteer Experience**

- |  |                         |                     |
|--|-------------------------|---------------------|
| • <b>Animal Shelter</b>                  | Austin, TX              | Aug 2018 - May 2020 |
| • <b>SACA Bake Sales</b>                 | Austin, TX              | Fall 2018           |
| • <b>Morgan's Wonderland</b>             | San Antonio, TX         | Nov 2017            |
| • <b>Lighthouse for the Blind</b>        | San Antonio, TX         | Oct 2017            |
| • <b>Basura Bash</b>                     | San Antonio, TX         | March 2017          |
| • <b>Habitat for Humanity</b>            | San Antonio, TX         | Nov 2016            |
| • <b>Taught Elementary Students</b>      | Stahl Elementary School | January 2016        |
| • <b>San Antonio Rodeo Program Sales</b> | San Antonio, TX         | Feb 2015 - Feb 2016 |

## **Honors & Awards**

Greenhand degree for FFA

AP Scholar Award

Baumberger Endowment Scholarship

Minnie Stevens Piper Foundation Scholarship

## **Skills**

**STATISTICAL SOFTWARE:** Adobe Lightroom, Adobe Photoshop (Basic), R, GitHub, Jupyter

**PROGRAMMING LANGUAGE:** Python

**LANGUAGES:** Spanish (Proficient), English (Proficient), Chinese (Some Reading, Listening Comprehension)