

Emma Faye Aldred

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## EDUCATION

**University of Texas at Austin** - Biology Major in the College of Natural Sciences -

**Health Science Scholars Honors Program**, 4.0 GPA

**Leander High School** - International Baccalaureate Diploma Graduate

Valedictorian, 5.733 GPA

## LEADERSHIP AND PROGRAMS

**Women in Medicine:** Women in Medicine (WIM) promotes community among aspiring female medical professionals

**External VP** - 2020 to Present - 15hr/week

I was External VP of WIM for Spring of 2020 until Spring 2021 and was responsible for scheduling medical professional speakers for our meetings and planning Marbridge Awareness Week. This major philanthropy event raised awareness of adult cognitive disabilities and raised \$2,500 to benefit the Marbridge Foundation.

**Campus Coordinator** - 2019 to 2020 - 10hr/week

I was elected campus coordinator of WIM for Spring of 2019 through Spring 2020 and was responsible for attending lunches with the dean, planning promotion events, and communicating with potential new members.

**Member** - 2018 to Present

I have been a member of WIM since the Fall of 2018. I volunteer with Marbridge, a home for adults with mental disabilities, and I worked on the WIM Talent Show Committee to promote and recruit donations for our philanthropy event benefiting the Austin Breast Cancer Research Center.

**DIY-Diagnostic Laboratory Mentor** - Spring 2020 to present - 5hr/week

After a year of studying in the DIY Diagnostics lab, I applied and was accepted to serve as a volunteer mentor. Under this position I assist the new students in their research as well as assist in ongoing research in our lab.

**Peer Led Undergraduate Studying Facilitator** - Fall 2018- Spring 2019-Spring 2020- 2.5hr/week

I was selected as a PLUS facilitator for my Honors Genetics course in the Fall of 2018 and Spring of 2019 as well as my Biochemistry course in the Spring 2020. The purpose of this role is to help improve material comprehension, class participation and student collaboration. My responsibilities included leading a weekly 1.5 hour group study session and attending weekly 1 hour meetings with the professor.

**Alpha Chi Omega: Assistant Recruitment Information, Recruitment Lead, Nomination Committee**- 2018 to Present - 10hr/week

I joined the Alpha Chi Omega sorority in the Fall of 2018 and have served as Assistant Recruitment Information, Recruitment Lead, and on the Nomination Committee. My responsibilities include planning recruitment and evaluating future member's characters and values. I also volunteer for SAFE Alliance, a shelter for women and children affected by domestic violence, through this sorority.

## WORK EXPERIENCE

**Undergraduate TA for Introduction to Medical Microbiology and Immunology** - Spring 2020 to Present - 15 hr/week

I am a UGTA for Dr. Saxena. My responsibilities include attending lectures, hosting discussion sessions, aiding student's learning and grading.

***Undergraduate TA for Originality in Arts and Science Honors - Fall 2019 - 8 hr/week***

I was a UGTA for Dr. DeLozanne. I was in charge of advising a cohort of 5 students, mentoring them for their freshman year, and grading assignments.

***Tennis Coach - 2015-2019 - 5hr/week***

I scheduled and taught kids ranging from 3-13 on form, technique, and strategy in tennis. I first was an assistant coach to my high school tennis coach, and I later established my own independent tennis business and acted as head coach.

***Nanny - 2014-Present***

I have nannied for multiple families with kids ages 2 to 10, averaging about 10 hours a week.

**Research**

***Project planning team for COVID-19 Lamp diagnostic - Spring 2020***

Acknowledged in an upcoming paper by the Ellington lab for initial research development for the Covid-19 Lamp diagnostic <https://doi.org/10.1101/2020.04.13.039941>

***Undergraduate Research Forum Poster Presentation - Spring 2020***

My semester long research project developed an app to diagnose sleep deprivation. I was able to present my research poster at the undergraduate research forum for the College of Natural Science at UT.

**VOLUNTEER WORK**

***Dell Children's Hospital***

***Volunteer Co-chair - 2020-present - 4hr/week***

I applied and was accepted into the leadership position of volunteer program co-chair. In this position I manage, schedule and correspond with the student volunteers at Dell Children's hospital.

***Volunteer - 2019-present - 4hr/week***

I have served two semesters at Dell at the information desk and as a child life volunteer. The information desk consisted of helping patient's families find their rooms and other amenities around the hospital and assist in discharges. As a child life volunteer, I entertain patients and their siblings with age-appropriate toys and activities, and keep the playing facilities clean.

***UT Girl Day - 2019 - 2hr***

UT girl day is an event held by the University of Texas to introduce girls to the field of STEM. I volunteered to help the different organizations present.

***Micah 6 of Austin Food Kitchen - 2018 - 3hr***

I helped stack and organize the shelves of the Micah Food Kitchen and assisted shopping.

**HONORS AND ACHIEVEMENTS**

***MCAT Examination - Fall 2020***

Earned a 518 on the MCAT which corresponds to the 96th percentile

***Sophomore excellence award - 2020***

Awarded within the College of Natural Science for outstanding academic performance

***Women in Medicine Honors - 2019 to present***

Awarded to members with a 3.5 gpa or higher that have exceeded the volunteer requirements both within the organization and in the greater community

***Originality in Arts and Science Semester Project Winner - 2018***

Working in a cohort of 5 people, we designed a grant proposal and presented it to our class. We were voted by our peers, TAs, and professor as the best grant proposal.

**SKILLS AND INTERESTS**

Tennis, reading, scuba diving, traveling, yoga