

Michaela Priess

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Education

University of Texas at Austin

Bachelor of Science, Biology

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GPA 3.98, University Honors

Expected Graduation – May 2020

Skills and Qualifications

- Good team-working skills through participation in multiple group research projects and volunteer experiences
- Strong oral and written communication skills
- Good at interacting and connecting with children of many different backgrounds
- Some shadowing experience in the Emergency Room through EMT-B training
- Some experience with R and C++
- Experience with wet lab techniques including using a Wes for protein analysis
- Some experience with research utilizing rat-models for molecular and behavioral analysis

Experience

Undergraduate Teaching Assistant (August 2019 – Present)

- Graded research papers for the Lab Experience in Genetics course
- Provided academic support to students through office hours and by email

United States Army Institute of Surgical Research Summer Internship (Summer 2019)

- Worked with a team researching pain management in the context of battlefield injuries
- Conducted protein analyses to discover whether exosomal miRNAs affect their target gene expression in a chronic neuropathic pain model
- Wrote and presented a poster over research conducted throughout the summer internship

Dell Children's Volunteer (August 2019 – Present)

- Work at the Wayfinding Desk to provide information and assistance to patients, visitors, and hospital staff in finding their way around the hospital
- Helped monitor patients in their room when guardians were not present
- Assisted in various projects for the hospital

Ride On Center for Kids Volunteer (February 2018 – Present)

- Walk next to students as they participate in equine therapy providing physical and emotional support to the student while also assisting the therapist as needed
- Interact with children with developmental/functional disabilities as well as veterans

Foundation Communities Learning Center Volunteer (October 2016 – Present)

- Mentor elementary-age children from under-privileged families by providing help with homework and engaging them in constructive activities

EMT-Basic Training (June – August 2018)

- Completed EMT-Basic course through RC Health Services

- Gained knowledge in human anatomy, conditions of both medical and trauma bases, and emergency medical first response techniques and skills
- Passed NREMT for national certification

DIY Diagnostics Lab Member as part of the Freshman Research Initiative (January 2017 – December 2017)

- Collaborated with a team of two other peers on the development of an ultraviolet (UV) – sensing device that would calculate total UV exposure over time and be utilized as wearable technology
- Learned basic wet-lab techniques and how to practically apply the scientific method

Honors and Affiliations

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| • Distinguished College Scholar | April 2018 – Present |
| • Terry Scholar, The Terry Foundation | August 2016 – Present |
| • Member, Women in Natural Sciences | August 2016 – Present |