CHRISTY CAO

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May 2021

EDUCATION

UNIVERSITY OF TEXAS AT AUSTIN, Austin, Texas

- Bachelor of Science and Arts in Biology
- Certification in Ethics and Leadership in Healthcare (19 hours)

WORK EXPERIENCE

University of Texas at Austin, Austin, TX

Freshman Research Initiative Peer Mentor/ Undergraduate Assistant

January 2019- present

- · Facilitated lab sections by leading and instructing students on lab protocols and independent research procedures
- Managed lab space by purchasing stock, overseeing cleanliness of lab, and preparing for proper lab practices
- · Communicated with Research Educator and other peer mentors on status of lab, ongoing events amongst students in lab, and continued independent research
- Analyzed antifungal activity of fungi against oak wilt pathogen killing Central Texas oak trees

Undergraduate Research Fellow

Iay 2018-August 2018

- Researched, purified, and tested for natural antifungal metabolite production from different endophytic fungi for medicinal and agricultural usage through
 growth monitoring, fungal extraction, rotovap protocols, HPLC analysis, water stock sub-culturing, competition assays, PCR, and gel electrophoresis tests
- Tested for effects of different fungi presence in grape vineyard on wine production t

Women in Natural Sciences Events Coordinator/ Program Assistant

August 2018-May 2019

- Attend weekly meetings to plan upcoming events for the Women in Natural Science Program students to encourage involvement inside and outside campus
 activities, as well as to build a bridge between past and current students for support in college
- Mentor freshman in college by answering questions and providing support to help develop a supportive and encouraging network of women in Natural Sciences

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LEADERSHIP AND DEVELOPMENT

University of Texas at Austin, Austin, TX

Texas Healthy Habits - Member, Secretary, President

August 2017 -present

- Facilitated enriched youth education with presentations over disease prevention, oral care, nutrition, and first aid
- Oversaw officer board responsibilities and the organization with 50+ members
- Increased outreach to local schools, non-profits, shelters

Mental Health Peer Educator - Peer Educator

August 2019-present

- Researched intersectional factors that affect mental health in college students and presented signs of distress to look out for
- Hosted mental health related workshops to college organizations that taught students how to bounce back from failure and manage stress
- Developed a workshop over dealing with imposter syndrome, how to combat it, and how college professors can help students

Helping Hand Home, Austin, TX

December 2019- present

Volunteer

- Provided support to neglected and abused children at the shelter by interacting with them, providing homework help, listening to them
- Helped build safe, healthy and authentic connections with children who need relational healing due to relational trauma

Mother's Milk Bank, Austin, TX

August 2019- present

Volunteer

· Worked in a lab to pasteurize milk for mothers who aren't able to provide breast milk to babies who need benefits of human milk to survive

Posada Esperanza, Austin, TX

January 2020-present

Volunteer

Volunteer

- · Provided presentations over healthy habits to immigrant mothers and their children staying at a family shelter to escape domestic/ cultural violence
- Supported families by driving them to their appointments and by assisting with any needed help at the shelter

Vietnamese Science and Culture Association, Houston, TX

May 2019-August 2019

Vietnamese Youth Recognition Luncheon – Co-chair

- Worked with and led a team to fundraise over \$25,000 to host a 500-guest luncheon for Vietnamese-American who graduated as either valedictorian or salutatorian of their school by contacting businesses, brainstorming fundraising ideas, and being organized
- Contacted government officials, school administrations, performers, venues, donors, and honorees to bring together the event and to host it
- Organized the event by hosting it, planning the schedule, gathering the honorees through an orientation, and working closely with a public relations/tech team

Abandoned Little Angels, Houston, TX

May 2016-present

Collected donations at the annual non-profit gala by assisting with the silent and live auction to fundraise for orphanages and disadvantaged children in Vietnam

ADDITIONAL INFORMATION

Computer Skills: RStudio, Python, ImageJ, iMovie, Microsoft Office

Languages: Conversant in Vietnamese **Interests:** Running, public health

Honors and Awards: 2020 College Scholar of the University of Texas at Austin