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)
- Overall GPA: 3.86/4

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

May 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

Luke Christian Medical Mission, Taitung, Taiwan

- Attended meetings in hospitals, nursing homes, and orphanages to learn about the healthcare system in Taiwan and the needs of the people situated there
- Developed exercise programs for the aboriginal elderly residing in the nursing homes in rural hometowns
- Tended to the adolescence and babies at orphanages
- Aided in physical therapy training at urban nursing homes and assisted in feeding the elderly who could not feed themselves at nursing homes

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

- 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 Our Lady of Lourdes Parish, Houston, TX

June 2015- present

Youth Ministry Leader

Volunteer

- Taught students weekly through class-engaged activities and facilitated group discussions
- Planned and organized youth retreats and events by working with a team and attending weekly meetings to create activities, to develop schedules for events, to prepare items needed, and to finalize specific details

MacKay Medical College, New Taipei City, Taiwan

June 2018

Teaching Assistant

- Mentored and communicated about the American medical, nursing, and speech audiology education and training through facilitated group discussion with an emphasis on leadership and multiculturalism among Americans and Taiwanese students
- Gained a more global view of health care and other social issues affecting health

ADDITIONAL INFORMATION