## **EDUCATION**

**University of Southern California, Dornsife College of Letters, Arts and Sciences Los Angeles, CA**

*Bachelor of Science in Neuroscience, Health Care Studies Minor* August 2018 – present

**GPA: 3.8**

## **RESEARCH & EXPERIENCE**

## 

## **USC Department of Gerontology Los Angeles, CA**

*Research Intern* January 2020 – present

* Researching the effect of microparticles on macrophages and inflammation response utilizing laboratory skills such as Western blot protein analysis, cell plating and culture growth.

## **USC Department Integrative Anatomical Sciences Los Angeles, CA**

*Research Intern* October 2018 – present

* Focusing on the impact that green tea polyphenols have on axonal regeneration in preventing cell apoptosis when they come into contact with amyloid deposits in order to examine possibility of natural remedy-based medications for stroke and Alzheimer’s Disease.

## **California Hospital Medical Center Los Angeles, CA**

*Emergency Department Liaison* August 2019 – present

* Assisted emergency department health professionals by replenishing medical supplies, assisting the nurses with tasks, and aiding the patients in filling out medical forms.

*Meal Mates Assistant* February 2019 – August 2019

* Distributed meals to hospital patients and fulfilled their requests in order to make them be more comfortable and welcomed within the hospital environment.
* Engaged in conversation with the hospitalized patients to uplift spirits and hopes.
* Developed strong communication, multi-tasking, time management, and customer service skills.

## 

## **USC Center for Craniofacial Molecular Biology, CCMB Los Angeles, CA**

*Lab Assistant* July 2017

* Focused on how PDGF signaling regulates elastin deposition in alveolar formation and utilized many laboratory procedures including PCR reaction, RNA extraction, gel electrophoresis, and cell culture plating.

## **USC Center for Craniofacial Molecular Biology, CCMB Los Angeles, CA**

*Lab Assistant* July 2016

* Researched the development of Xenopus embryos over a seven-week period.
* Maintained the environmental conditions of subjects and genetically modified the embryos in vitro.

## **LEADERSHIP**

## **Alpha Phi Omega Los Angeles, CA**

*Fellowship Chair* August 2019 – present

* Hosts multiple large-scale events that must incorporate more than 100 people.
* Creates events to help members fulfill requirements to stay Active within the organization.
* Promotes the ideas that create an environment devoted to leadership, friendship, and service.

## **American Lung Association Los Angeles, CA**

*Communications Manager* August 2019 – present

* Promoted lung health and lung disease awareness through education, advocacy, and research.
* Created and designed organization website; coordinated with other chairs to produce emails distributed to the active student body on special event updates and fundraisers.
* Sharpened communication, teamwork, and leadership skills.

## **Science Outreach Los Angeles, CA**

*Active Member* August 2019 – present

* Educated elementary school students in the surrounding USC area basic science principles through hands-on experiments and in-person lectures.

##### **SKILLS**

**Laboratory Skills**:

*Training*

* General Lab Safety Training
* Bloodborne Pathogen Safety Training

*Skills*

* Knowledge of many General Laboratory techniques involving cell cultures, isolation and analysis of macromolecules (RNA, DNA, Protein), PCR, Western Blot, microscopy, etc.

**Language Skills**: Fluent in English and Chinese