

Alice Ma

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EDUCATION

University of California, Los Angeles
Undergraduate, Biochemistry

2014 - present

RESEARCH EXPERIENCE

The Hospital for Sick Children *Toronto, Canada*

(June — Sept, 2015 and 2016)

- Assisted in the lab of Dr. Annie Huang studying CNS-primitive neuroectodermal tumors and other rare pediatric brain cancers.
- Conducted bench work, including DNA and RNA extractions from solid frozen/FFPE tumors, and sequencing preparations, such as bisulfite conversions for methylation analysis.
- Conducted in silico analysis using RNAseq data to identify gene fusions and analyzed patient clinical data to profile molecular subgroups of cancers.
- Performed analyses using SPSS, Integrated Genome Viewer, and Partek Genomics Suite.
- Participated in SickKids Summer Student Symposium Day, managed the lab's tumor databases, and worked on the Rare Brain Tumor Consortium and Registry website.

UCLA Psychology Department *Los Angeles, CA*

(January 2015 — Present)

- Facilitated experiments, worked with research participants, and conduct literary source searches in graduate student Tran Dinh's lab, supervised by Dr. Martie Haselton, to study correlative effects between stress and female reproductive hormone levels.
- In charge of organizing, scheduling, and training other research assistants.

EXTRA-CURRICULAR & LEADERSHIP EXPERIENCE

Mental Health Initiative | *Publicity Chair*

2014 - present

- Actively attend and lead meetings, plan events to spread awareness for mental health, and volunteer at elementary, middle, and high schools to educate about the importance of mental health issues.
- Coordinate public relations, design and print advertising media, and keep track of social media accounts.

Bruins Fighting Pediatric Cancer | *Member*

2016 - present

- Actively attend meetings and events to raise awareness and money for pediatric cancer.

Colleges Against Cancer | *Member*

2016 - present

- Participate in fundraising for Relay for Life to raise money for cancer research.
- Assist in on campus cancer education efforts.

Incarcerated Youth Tutorial Project | *Mentor*

2014 - 2015

- Tutored students in juvenile detention and helped run campaigns on the school-to-prison pipeline.

MEMBERSHIPS & CERTIFICATIONS

American Association for Cancer Research, *Student Affiliate*

2016 - present

National Society of Collegiate Scholars

2015 - present

Alpha Lambda Delta & Phi Eta Sigma National Honor Society

2014 - present

Certified in Social and Behavioral Responsible Conduct of Research

2015

Certified in CPR & AED

2014

Certified in Mental Health First Aid

2014