**Sarah Zhou**
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## Education

**University of Southern California**
Bachelor of Science in Biology — Expected Graduation: May 2018

## Community Service

**USC Science Outreach** — August 2015-current

- Volunteered 25 hours/semester teaching science to underprivileged elementary school students in the University Park neighborhood in weekly and outside outreach events
- Taught a new science concept with an accompanying experiment to second or third grade class every week with a team of club members
- Worked in small groups of students to encourage making observations, hypotheses, and asking questions

**Alpha Phi Omega National Service Fraternity** — Fall 2014-current

- Volunteered at least 25 hours/semester in various service events in the Los Angeles area, including service in Skid Row, Hollywood, and the Los Angeles Food Bank
- Maintained active membership status for the entirety of undergraduate membership

## Leadership

**Grants — USC Science Outreach** — August 2016-current

- Analyzed survey responses from second and third grade students as a metric for applying to USC's Good Neighbors Grant funding
- Compiled data from budgets and surveys throughout the year for the Good Neighbors Grant midterm and final reports
- Assisted fundraising chair and treasurer in creating fundraising events for the organization

**Experiment Manager — USC Science Outreach** — August 2015-May 2016

- Pioneered Science Outreach's first year of second grade science curriculum and set the foundation for upcoming years of second grade Experiment Managers
- Created new experiments, wrote experiment guides, and gathered materials with two other team members, meeting and working individually for at least 5 hours every week
- Received positive feedback on surveys about experiments and science in general from second grade students and teachers

## Research Experience

**Keck School of Medicine Cell and Neurobiology Research** — June 2015-current

- Treated cells with various pharmacological agents and measured effects on levels of neurite growth-inhibiting protein receptors
  - Investigated mechanism of green tea polyphenols' protective effect on neuronal-like cells