

# AMY WANG

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## EDUCATION

**University of California, Irvine**

Dec. 20XX

Bachelor of Science, Earth System Science (GPA: 3.7)

## RESEARCH EXPERIENCE

**UCI Earth System Science**

Jan. 20XX - Present

**Undergraduate Researcher**

- Explored multiple sample introduction methods and generated multi-concentration calibration standards to find an ideal analytical method to sample the compounds over the marine boundary layer
- Characterized dimethyl sulfide and methyl halides using mass spectrometry and vacuum UV spectroscopy
- Analyzed VOC distribution from cartridge samples from the Arctic and Antarctic.

## EMPLOYMENT

**University of California, Office of the President**

Sept. 20XX - Dec. 20XX

**Food Waste Fellow, Irvine**

- Collaborated with campus partners to develop engaging programs and projects for food waste awareness
- Composed and received grants totaling over \$15,000 for sustainability projects
- Designed and distributed 6000 copies of a 56-page sustainable cookbook to students and spearheaded the development of interactive waste- separation bins
- Contributions were submitted as UCI sustainability innovation in Sierra's 2018 "Cool Schools" ranking and AASHE STARS, with UCI taking the #1 spot and platinum ranking respectively

## PRESENTATION

**Oral Presentation**, "Student Institute for Sustainability Leadership: Cultivating a Culture of Sustainability," California Higher Education Sustainability Conference, June 11, 20XX.

## COMMUNITY, OUTREACH, AND INVOLVEMENT

**Earth System Science Club**

Sept. 20XX - Present

**Vice President, Irvine**

Coordinate with faculty and board members to host alumni and industry networking events for 100 students  
Solicit donations and funding totaling \$500 for events and outreach

**Catalina Island Sustainability Experience Alternative Spring Break**

March 20XX

**Trip Leader, Irvine**

Led a week-long trip to Catalina Island to educate 15 peers on sustainability practices  
Coordinated logistics and daily activities for students.

**Student Institute for Sustainability Leadership**

June 20XX – Sept. 20XX

**Mentor/Facilitator, Irvine**

Facilitated 3-day long retreats to introduce incoming students to sustainability leadership

## SKILLS

**Computer Skills:** MATLAB, ArcGIS, IGOR

**Instrument Operation:** Gas Chromatography, Mass Spectrometry, Vacuum UV, Flame Ionization Detector, Gas cartridge sampling, general plumbing of air quality measurement instruments