

# AMY WANG

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## EDUCATION

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**BS Earth System Science (GPA: 3.7)**  
University of California, Irvine

Dec. 20XX

## RESEARCH EXPERIENCE

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**UCI Earth System Science  
Undergraduate Researcher**

Jan. 20XX - Present

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

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**University of California, Office of the President  
Food Waste Fellow, Irvine**

Sept. 20XX – Dec. 20XX

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

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

## COMMUNITY, OUTREACH, AND INVOLVEMENT

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**Earth System Science Club**

June 2017 - Present

Vice President, Irvine

Coordinate with faculty and board members to host alumni and industry networking events

**Catalina Island Sustainability Experience**

**Alternative Spring Break**

Jan. 20XX - April 20XX

Trip Leader, Irvine

Led a week-long trip to Catalina Island to educate peers on sustainability practices

**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

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**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