

# Freda Kreier

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## EDUCATION

**University of California Santa Cruz** / M.S. Science Communication  
June 2021

**University of Colorado Boulder** / Science Communication Class  
September 2019 - December 2019

**Colorado College** / B.S. Molecular Biology Major  
May 2017, *Cum Laude* (GPA: 3.7)  
Dean's list 2016, 2017

## AWARDS

**Taylor/Blakeslee Fellowship Recipient (2020-2021)**  
\$5,000 grant for graduate students studying science writing, funded by the  
Council for the Advancement of Science Writing

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## PROFESSIONAL EXPERIENCE

Science Writing

### Freelancer

October 2020 – Present

Reporting, writing, revising, and fact-checking articles published in *Science*,  
*Eos*, *Nature*, *The San Jose Mercury News*, *Mongabay*, and more.

### Nature / Online News Intern

March 2021 – June 2021

Reporting, writing and fact-checking science and policy stories for the Sydney  
branch of *Nature's* online news. Write short-form weekly highlights on new  
research.

### Good Times / Editorial Intern

January 2021 – March 2021

Reported, wrote, and fact-checked science and general interest news for a local  
alt-weekly newspaper. Update local COVID-19 information and create visual  
graphics for COVID blog.

### SETI Institute / "Big Picture Science" Production Intern

October 2020 – December 2020

Wrote and produced sections of radio show, including billboard and promos.  
Cleaned and edited audio for final use. Wrote tweets and designed images for  
social media presence.

**House of Pod** / Production Assistant

April 2019 – September 2019

Researched material for anthropology podcast “SAPIENS” and educational podcast “What’s The Difference?”. Edited scripts and wrote episode outlines and scenes. Assisted with community outreach programs.

Research Experience

**Denver Museum of Nature and Science** / Community Scientist

January 2019 - March 2020

Extracted and sequenced DNA from study participants in the Genetics of Taste Lab to identify what genes are involved in human taste sensitivity.

**North Carolina State University** / NSF REU Intern

June 2016 - August 2016

Ran independent research on the Cassava Mosaic Virus, a threat to food security in Sub-Saharan Africa, as part of a program funded by the NSF.

**Stony Brook University** / Lab and Field Assistant

May 2016 – August 2016

Collected three-spined sticklebacks in Alaska and examined fish in the lab as part of a research project on rapid evolution and adaptation.

Education and  
Outreach

**Osprey Center for the North Woods** / Environmental Educator

December 2017 – July 2018

Created and taught classes on environmental and science education for people of all ages. Led rock climbing, snowshoeing, and hiking expeditions.

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**SKILLS AND  
CERTIFICATIONS**

**Certificate in Environmental Education** / Hamline University

**International Baccalaureate Bilingual Diploma (French/English)** /  
International School of Geneva, *La Châtaigneraie*

*Fluent French*

*Proficiency in Audacity and Hootsuite*