

Education

In progress- *PhD in Environmental Science and Management*, **Bren School University of California Santa Barbara**, Santa Barbara, CA

Bachelor of Arts, May 2020, **Cornell College**, Mount Vernon, IA **GPA: 3.51** Double major in: Geology (with honors) and Environmental Studies (concentration in climate studies)

Work Experience

Chancellor's Campus Sustainability Committee, University of California Santa Barbara, Santa Barbara, CA *Student Representative*, October 2020- present

- Working the committee which advises the Chancellor and campus administrators on matters of campus sustainability, makes recommendations on sustainability initiatives, helps prioritize and monitor the execution and progress of the campus sustainability plan toward our goals, makes recommendations on allocations of available funding resources, and provides guidance in the creation and fostering of alliances

Sustainability Civic Team Leader, Cornell College, Mount Vernon, IA March 2018- May 2020

- Worked with Cornell faculty and staff to create a more sustainable and eco-friendly campus

Guest Student, Paleoclimate Reconstruction Internship, Woods Hole Oceanographic Institution, Woods Hole, MA May 2018- July 2018 & May 2019-August 2019— advisor: Dr. Caroline Ummenhofer

- Modeled effects of the AD 1257 Mt. Samalas and AD 1815 Mt. Tambora volcanic eruptions on north Australian rainfall using the Last Millennium Ensemble of CMIP-5 and synthesized high resolution isotope data from Australian stalagmites

Technical Skills

- Experience with ICP-OES, SIMS, XRF, LA-ICP-MS
- Proficient in Microsoft Office including Excel, Word, and Powerpoint
- Proficient in R
- Basic Skills in Python, MatLab, and NCL

Leadership and Service Experience

Sustainability Task Force, Cornell College, Mount Vernon, IA

Member, November 2016-May 2020

- One of two students on committee of faculty and staff to with Cornell College faculty and staff to help create increased campus a more sustainable campus
- Led two-year program pilot program to create a permanent reusable to-go program food containers

Environmental Club, Cornell College, Mount Vernon, IA

President, April 2018- May 2020

- Work with members in the school to coordinate events; plans and runs meetings; delegates tasks to other members

Public Relations, Executive Board Member May 2017-April 2018

- Work with other executive board members to plan events and publicize them by creating posters, emails, and web pages

Geology Club, Cornell College, Mount Vernon, IA

President, January 2019- May 2020

Vice President, May 2018- January 2019

PR Executive Board Member, May 2017-April 2018

- Work with other executive board members to plan events and publicize them, created a jewelry business to fundraise for events that the club participates in, worked to plan an educational 10 day spring break trip, as well as organized a lesson plan to teach 3rd graders earth science at an elementary school

Varsity Soccer Team, Cornell College, Mount Vernon, IA

Member, August 2016- May 2020

Team Captain, February 2018- May 2020

Phi Omega, Cornell College, Mount Vernon, IA

Executive Board Member April 2018- May 2020

Greek Council Representative May 2017-April 218

Member, January 2017- May 2020

- Represent the views of the group, Phi Omega, to other Greek Council representatives and works to plan campus wide greek and philanthropic events

Student Athlete Advisory Council (SAAC), Cornell College, Mount Vernon, IA

Member February 2017- May 2020

Bee Interest Group, Cornell College, Mount Vernon, IA

Member, September 2016- May 2020

Academic Honors and Awards

- Regents Fellowship in Environmental Science and Management – UCSB, 2020-2021
- Herb Hendricks Award to the Outstanding Senior Geology Major – Cornell College, 2020
- Robert Black Award to the Outstanding Environmental Studies Major – Cornell College, 2020
- Cornell Fellow in Climate Studies – Cornell College, 2019
- Paul Garvin Award to the Outstanding Sophomore Geology Major –Cornell College, 2018