

Carlos M. Simms

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[LinkedIn](#)

Education

Master of Science in Environmental Science, Energy and Climate Emphasis

University of California – Santa Barbara, Santa Barbara, CA

Expected Graduation: Jun. 2022
Cumulative GPA: 3.75

Bachelor of Science in Environmental Science, Social Science Emphasis

Minor in Ecology

University of Idaho, Moscow, ID

Earned: Dec. 2019
Cumulative GPA: 3.65
Dean's List Student

Certifications

CPR Professional Certification

American Heart Association, Santa Barbara, CA

Earned: Nov. 2020

Climate Change Academic Certificate

University of Idaho, Moscow, ID

Earned: Dec. 2019

Awarded Grants and Scholarships

Environmental Science and Management Graduate Scholarship

Oct. 2020 – June 2022

- Awarded \$69,804 to cover all tuition and health insurance requirements while in graduate studies

Ronald E. McNair Post-Baccalaureate Achievement Research Grant

June 2019 – Aug. 2019

- Awarded \$3,500 to assist in a formal proposal and literature review for my undergraduate thesis

DeVlieg Foundation Research Grant

May 2018 – July 2018

- Awarded \$3,000 to assist in a preliminary study on mountain lion scrapping and demographics

Awarded Undergraduate Scholarships

- Ramseyer/Daly General Scholarship \$779 Fall 2018 – Spring 2019
- Honors Scholars Endowment \$200 Fall 2017 – Fall 2019
- Monnett, Wallace and Dorothy Scholarship \$1,000 Fall 2017 – Spring 2018
- Henry, Mary Lillian Scholarship \$494 Fall 2016 – Spring 2017
- Phi Eta Sigma Honors Scholarship \$100 Fall 2016 – Spring 2017
- Academic Achievement Level Scholarship \$1,727 Fall 2015 – Spring 2019

Teaching Experiences

Leadership Theory for Introverts: Instructor

Aug. 2017 – Dec. 2017

Sigma Alpha Pi Honor Society Curriculum, Unaccredited
University of Idaho, Moscow, ID

- Instructed Sigma Alpha Pi honor society members on applied leadership styles
- Received profession-based leadership advice from university faculty
- Taught the importance of rhetorical excellence in discourse
- Outlined the potential of active versus passive voices

Research Experiences

McNair Summer Research Intern

June 2019 – Aug. 2019

University of Idaho, TRiO Inspire
Moscow, ID

Mentors: Steven Martin and Dr. Lee Vierling

- Outlined a research proposal to provide to my mentor and the McNair director
- Provided a grant to prepare a literature review for my undergraduate thesis
- Communicated with campus professional staff and commercial utility liaisons
- Participated in an accredited Renewable Energy Design and Economics summer course
- Attended the McNair Pacific Northwest PhD Preparation Conference

Mountain Lion Field Research Intern

May 2018 – July 2018

University of Idaho, Taylor Wilderness Research Station
Frank-Church River of No Return Wilderness, ID

Mentor: Pete Gag

- Provided a grant to perform a preliminary study on mountain lion (*Felis concolor*) scraping behaviors
- Modeled the locations of scrapes via *ArcMap GIS*
- Determined the potential for a new noninvasive capture-recapture statistical research method
- Concluded that mountain lion demographics can be recorded via urine semiochemicals in scrapes
- Presented my preliminary findings at the 2018 Taylor Wilderness Research Seminar

Conferences and Presentations

Greater Pacific Northwest Climate Conference

Feb. 2020

Menucha Retreat, Corbett, OR

- Attended the conference to focus on climate resiliency and effective leadership
- Networked with young lobbyists from across the region

Indigenous Knowledge for Effective Education Conference

Nov. 2019

University of Idaho, Moscow, ID

- Attended the conference to meet Tommy Orange author of “There, There”
- Learned about Native American representation in media and popular culture versus in reality

Borah Symposium: Climate and Conflict

Oct. 2019

University of Idaho, Moscow, ID

- Attended the symposium to learn of how worsening climate change will cause global conflicts
- Outlined causes for war and peace via conflict resolution deficiencies and diplomacy

Rethinking Perspectives in Geography for International Relations Seminar

Sept. 2019

University of Idaho, Moscow, ID

- Attended the seminar to learn of how geographical methods are changing due to globalization
- Defined critical challenges to economic and political development, hegemony, and conflict

Regional Tribal Water Summit

Sept. 2019

Best Western Plus University Inn, Moscow, ID

- Attended the summit to learn of root causes of water rights issues for tribal nations
- Foreseen need for water protections for tribal nations to ensure their cultural preservation

Pacific Northwest PhD Preparation Conference

June 2019

Washington State University, Pullman, WA

- Attended the conference to learn of how to apply to graduate programs and connect with faculty
- Workshopped letters of inquiry and graduate school applications

Regional McNair Conference

May 2019

University of Washington, Seattle, WA

- Attended the conference to learn of common funding opportunities for graduate students
- Networked with faculty from the Evans School of Public Policy and Governance

Idaho and Eastern Washington Climate Conference

Apr. 2019

Moscow 1912 Community Center, Moscow, ID

- Attended the conference to learn of how to engage rural cultures in solving climate change
- Reviewed political and professional concerns associated with climate change

Northwest Scientific Association Conference

Mar. 2019

Lewis-Clark State College, Lewiston, ID

- Attended the conference to learn of how climate change is affecting the world's ecological paradigm
- Networked with faculty regarding what motivated them to pursue PhDs in their fields

Indigenous Knowledge for Effective Education Conference

Nov. 2018

University of Idaho, Moscow, ID

- Attended the conference to learn of how to implement indigenous epistemology into research
- Contrasted Westernized research paradigms with indigenous empirical discovery

Taylor Wilderness Research Seminar

Nov. 2018

University of Idaho, Moscow, ID

- Presented my preliminary findings on mountain lion scraping behaviors and demographics
- Theorized that semiochemical analysis is a better noninvasive capture-recapture research method

American Indigenous Research Association Colloquium

Oct. 2018

Kwa'TaqNuk Resort, Polson, MT

- Attended the colloquium to learn of the importance of indigenous ways of knowing
- Learned about the indigenous tradition of oratory and empirical discovery

Leadership Experiences

Citizens' Climate Lobby National Caucus: Lobbyist

Feb. 2020

Capitol Hill, Washington, D.C.

- Networked with fellow activists from around the country working towards climate progress
- Trained in building bipartisan discussions regarding climate solutions
- Participated in lobby meetings on Capitol Hill

University of Idaho Solar Project: Ambassador

Sept. 2019 – Dec. 2019

University of Idaho, Moscow, ID

- Helped raise funds for a campus solar array via *UI Give*
- Propagated awareness on the campus solar project and climate action plan commitments
- Employed social media to encourage donations

Hawai'ian Indigenous Epistemology Alternative Service Break: Scholar

Mar. 2019

Hilo, HI & Kailua-Kona, HI

- Learned of Native Hawai'ian culture and sociopolitical struggles via McNair
- Assisted in restoration efforts at historical Native Hawai'ian heritage sites
- Contrasted Native Hawai'ian epistemology with other indigenous epistemologies

Citizens' Climate Lobby Palouse Chapter: Social Media Coordinator

Sept. 2018 – Sept. 2019

Moscow, ID & Pullman, WA

- Managed the organization's Facebook page
- Advertised the organization's purpose and interests on university campuses
- Helped host the 2019 Idaho and Eastern Washington Climate Conference

University of Idaho Young Democrats: Student Advisor

Aug. 2017 – Apr. 2018

University of Idaho, Moscow, ID

- Advised on campus engagement strategies and student government policies
- Participated in voter registration campaigns
- Communicated with various district candidates to create canvassing opportunities for students

Central American Youth Ambassadors Program: Assistant

Mar. 2017 – Apr. 2017

University of Idaho, Moscow, ID

- Worked with youth from Belize, El Salvador, Honduras, and Nicaragua
- Exchanged cultural, social, and educational views with foreign youth
- Helped foreign youth create innovative philanthropic ideas to institute back in their homelands

Sigma Alpha Pi: Chapter President

Dec. 2016 – Dec. 2017

University of Idaho, Moscow, ID

- Recruited an executive board to help implement chapter events
- Trained members in "Leadership Theory for Introverts"
- Utilized social media to promote philanthropy and community partnerships

Residence Hall Association: Events Planner

Sept. 2015 – May 2016

University of Idaho, Moscow, ID

- Implemented and managed community events
- Passed fiscal proposals through a Community Council
- Tracked and spent University funds

Honors and Distinctions

Hispanic Scholarship Fund: Top Scholar

Sept. 2019 – Dec. 2019

- Distinction as one of the nation's top Hispanic scholars
- Awarded to Hispanic students with strong academic standing

Ronald E. McNair Post-Baccalaureate Achievement Program: Scholar

Aug. 2018 – Dec. 2019

University of Idaho, TRiO Inspire
Moscow, ID

- Selected for my low-income and underrepresented background
- Recruited due to my strong academic standing
- Prepared me for culturally responsive and graduate-level competency

Xi Sigma Pi: Member

Sept. 2017 – Dec. 2019

International Natural Resource Honor Society

Golden Key: Member

Jan. 2017 – Dec. 2019

International Honor Society

Sigma Alpha Pi: Member

Aug. 2016 – Dec. 2019

National Leadership Honor Society

Phi Eta Sigma: Member

Apr. 2016 – Dec. 2019

National Honor Society

National Residence Hall Honorary: Member

Jan. 2016 – May 2016

National Leadership Society

National Society of High School Scholars: Member

Aug. 2013 – May 2015

National Honor Society