

Carlos Simms

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EDUCATION

Master of Science in Environmental Science & Management, GPA: 3.68 (June 2022)

Bren School of Environmental Science & Management, University of California Santa Barbara

Specialization: Energy & Climate

Bachelor of Science in Environmental Science, GPA: 3.65 (December 2019)

College of Natural Resources, University of Idaho, Moscow

Emphasis: Social Science

Minor: Ecology

Accolade: Dean's List (4 semesters)

CERTIFICATIONS

CPR Professional Certification (November 2020)

American Heart Association, Santa Barbara, CA

Climate Change Academic Certification (December 2019)

College of Science, University of Idaho, Moscow

AWARDED GRANTS AND SCHOLARSHIPS

Environmental Science & Management Graduate Fellowship (10/20–6/22)

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

Ronald E. McNair Post-Baccalaureate Achievement Research Grant (6/19–8/19)

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

DeVlieg Foundation Research Grant (5/18–7/18)

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

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)

SKILLS

Computer: RStudio, Microsoft (Word, PowerPoint, Excel)

Technical: Data Management, Research, Technical Writing

TEACHING EXPERIENCE

Leadership Theory for Introverts Instructor – Sigma Alpha Pi NSLS (8/17–12/17)

University of Idaho, Moscow

- Unaccredited honor society curriculum
- Instructed members on applied leadership tips via profession-based advice from experts and university faculty
- Outlined importance of rhetorical excellence in active versus passive voices

RESEARCH EXPERIENCES

Solar Research Intern – McNair Summer Research Institute (6/19–8/19)

University of Idaho, Moscow

Mentors: Steven Martin and Dr. Lee Vierling

- Awarded \$3,500 McNair Grant to perform solar energy research at The University of Idaho
- Discovered a need for solar research based on socioeconomics and grassroots agency
- Participated in an associated accredited Renewable Energy Design and Economics summer course

Mountain Lion Field Research Intern – Taylor Wilderness Research Station (5/18–7/18)

Cascade, ID (Frank-Church River of No Return Wilderness)

Mentor: Pete Gag

- Awarded \$3,000 DeVlieg Foundation Grant for a preliminary study on *Felis concolor* scraping behaviors
- Modeled the locations of scrapes via GIS
- Concluded that *Felis concolor* demographics can be recorded via urine semiochemical analysis of scrapes
- Presented preliminary findings at the 2018 Taylor Wilderness Research Seminar

LEADERSHIP EXPERIENCES

Lobbyist – Citizens' Climate Lobby National Caucus, Washington, D.C. (2/20)

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

Ambassador – University of Idaho Solar Project, Moscow, ID (9/19–12/19)

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

Travel Scholar – Hawai'ian Indigenous Epistemology Alternative Service Break, Hilo, HI & Kailua-Kona, HI (3/19)

- 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

Social Media Coordinator – Citizens' Climate Lobby Palouse Chapter, Moscow, ID & Pullman, WA (9/18–9/19)

- 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

Student Advisor – University of Idaho Young Democrats, Moscow, ID (8/17–4/18)

- 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

Assistant – Central American Youth Ambassadors Program, Moscow, ID (3/17–4/17)

- 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

Chapter President – Sigma Alpha Pi, Moscow, ID (12/16–12/17)

- 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

Events Planner – Residence Hall Association, Moscow, ID (9/15–5/16)

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

CONFERENCES AND PRESENTATIONS

Greater Pacific Northwest Climate Conference (2/20)

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 (11/19)

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 (10/19)

University of Idaho, Moscow, ID

- Attended the symposium to learn 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 (9/19)

University of Idaho, Moscow, ID

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

Regional Tribal Water Summit (9/19)

Best Western Plus University Inn, Moscow, ID

- Attended the summit to learn 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 (6/19)

Washington State University, Pullman, WA

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

Regional McNair Conference (5/19)

University of Washington, Seattle, WA

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

Idaho and Eastern Washington Climate Conference (4/19)

Moscow 1912 Community Center, Moscow, ID

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

Northwest Scientific Association Conference (3/19)

Lewis-Clark State College, Lewiston, ID

- Attended the conference to learn 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 (11/18)

University of Idaho, Moscow, ID

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

Taylor Wilderness Research Seminar (11/18)

University of Idaho, Moscow, ID

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

American Indigenous Research Association Colloquium (10/18)

KwaTaqNuk 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

HONORS AND DISTINCTIONS

Top Scholar – Hispanic Scholarship Fund (9/19–12/19)

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

Scholar – Ronald E. McNair Post-Baccalaureate Achievement Program (8/18–12/19)

University of Idaho, Moscow

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

Member – Xi Sigma Pi (9/17–12/19)

International Natural Resource Honor Society

Member – The Golden Key (1/17–12/19)

International Honor Society

Member – Sigma Alpha Pi NSLS (8/16–12/19)

National Leadership Honor Society

Member – Phi Eta Sigma (4/16–12/19)

National Honor Society

Member – National Residence Hall Honorary (1/16–5/16)

National Leadership Society

Member – National Society of High School Scholars (8/13–5/15)

National Honor Society