

YUEYI CHE

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EDUCATION

PhD University of California, Irvine Sep. 2025 – Present
Earth System Science. Advisor: Prof. Eric Rignot.

MS Stanford University Sep. 2022 – Jun. 2025
Earth and Planetary Sciences. Thesis Advisor: Prof. Earle Wilson.
GPA: 4.150/4.300.

BA University of California, Berkeley Aug. 2018 - May 2022
Department Valedictorian, Highest Distinction in General
Scholarship, University Medal Candidate
Geology Major with Honors, Climate Science Minor. GPA:
4.0/4.0.

RESEARCH INTERESTS

Glaciology, ice sheet mass balance, glacial geomorphology, remote sensing, numerical modeling of glacier processes. Paleoglaciologists, geochemistry, geochronology.

SKILLS

Computation Methods: Python (advanced), R (comfortable), SQL (basic), Unix (basic), QGIS (advanced), Jupyter Notebook (advanced), Google Colab (advanced), GitHub (basic), Google Earth Pro (basic), Origin Pro (basic), SGeMS (basic), Heat3D (comfortable).

Graphical Analysis & Presentation: Adobe Illustrator (advanced), Adobe Photoshop (advanced).

Field skills: Wilderness First Responder (active), First Aid and CPR (active), snow pit digging, rock hammering, skiing with ground penetrating radar, driving 8-seat Suburban SUV for fieldwork, off-trail navigation, experienced backpacker, cross-country skiing, working on large ship and small boats, basic glacier crevasse rescue, swimming.

Lab skills: jaw crusher, disk mill, sieving rock samples, mineral grain picking under microscope, wet lab and strong acid handling, rock and mineral identification.

Literature Review: Zotero (comfortable), NASA SciX (advanced).

Languages: English (bilingual), Mandarin Chinese (native), Japanese (basic).

SCIENTIFIC RESEARCH

Computational Research:

Modeling Snow's Impact on Sea Ice Growth and Melting in the Southern Ocean Sep 2024 – Present
Analyzed snow depth on sea ice remote sensing data using Python and created thermodynamic model of sea ice with snow across different latitudes in the Southern Ocean with Prof. Earle Wilson at Earth System Science Department, Stanford University.

Sierra Snow Markedly Melting: Glacier Mass Balance Record in the Past Decades Mar 2024 – Present
Remote sensing data compilation and analysis on glacier and perennial snowfields mass balance in the Sierra Nevada in the past decades. In collaboration with Dr. Greg Stock from Yosemite National Parks.

You're Hot Then You're Cold: Impact of Glacier Meltwater on Thermochronometers Feb 2023 – May 2024
Creating a geothermal and landscape evolution model with Prof. Martin Grove at Earth and Planetary Sciences Department, Stanford University.

Glacier Valley and Bedrock Channel: Are They Siblings? June 2021 - Aug 2021
Utilized GIS to study glacier valley and fluvial valley geomorphology, with Prof. Jane Willenbring at Earth and Planetary Sciences Department, Stanford University.

Utilizing Human-centered Design to Build an Open-source Marine Soundscape Data Hub Feb 2021 - Aug 2021

Took the lead on literature review paper writing. Produced an interactive soundscape data map website with an interdisciplinary team of nine in the Fung Fellowship. Advised by Dr. Anne Simonis at NOAA.

Probing the Fixed Tropopause Temperature Hypothesis Through Analyzing Various Models Sep - Dec 2019

Supervised research with Prof. David Romps at UC Berkeley. Analyzed NetCDF data files using Python.

Field Research:

Ice Fishing Without Fish: Isolating Sea Ice Isotopes in Antarctica May - Dec 2023

Beryllium isotope research with Prof. Jane Willenbring at Earth and Planetary Sciences Department, Stanford University. Field research in Antarctica supported by Lindblad Expeditions – National Geographic.

Timing of the Past Glacier of Mt. Hood, Oregon Using Beryllium Exposure Age Dating Sept – Dec 2023

Research with Prof. Jane Willenbring at Earth and Planetary Sciences Department, Stanford University.

New Meteoric Beryllium-10 Method to Constrain the Stability and Dynamics of Glacier Margins in Yosemite Feb - Dec 2023

Award-winning research proposal with Prof. Jane Willenbring at Earth and Planetary Sciences Department, Stanford University. Collaborating with Yosemite National Park.

Comparison of Glacier Vertical Thinning and Horizontal Retreat in Yosemite During the Last Glacial Maximum April 2020 - Present

Honor thesis research with Prof. David Shuster at Earth and Planetary Sciences Department, UC Berkeley. Cooperating with Berkeley Geochronology Center, Yosemite National Park, and Tulane Cosmogenic Nuclide Lab.

Be10 Dating Constraints on the Deglaciation History of the Juneau Icefield June - Aug 2019

Field group research project at the Juneau Icefield Research Program. Assisted other cryosphere science research such as ice core drilling, ground-penetrating radar, and glacier mass balance during the two months on the icefield.

Laboratory Research:

Berkeley Geochronology Center: Student Sample Preparation Technician Nov 2019 - May 2020

Prepared geological materials, from separating sediment samples to isolating detrital apatite minerals for analysis.

Museum Curation Undergraduate Research Apprenticeship Program Feb - May 2019

Tagging animal bone specimens at Museum of Vertebrate Zoology, Berkeley.

History Research:

Women Student Leadership: History of Women Student Organizations on Berkeley Campus from 1870

Feb - May 2021

Research supervised by Prof. Sheila Humphreys. Conducted interviews and wrote articles for the 150 Years of Women at Berkeley celebration, which is archived in the Bancroft Library at UC Berkeley.

GRANTS/FELLOWSHIPS

Stanford Diversity and Inclusion Innovation Fund Feb 2025

Awarded \$1000 for initiating a networking event series for graduate students of color who identifies as women and non-binary in the Doerr School of Sustainability.

Stanford Doerr School of Sustainability Student Event Funding Jan 2025

Awarded \$500 for initiating a networking event series for graduate students of color who identifies as women and non-binary in the Doerr School of Sustainability.

Stanford Earth and Planetary Science Department Student Travel Fund Oct 2024

Awarded \$500 for attending the AGU annual meeting.

Lindblad Expeditions-National Geographic Visiting Scientist Program July 2023

Research proposal awarded full funding and logistical support for cruise ship fieldwork in the Antarctica Peninsula.

Geological Society of America (GSA) Grad Student Research Grant May 2023

Awarded \$3000 for proposal of conducting research on glacier in Yosemite National Park.

Stanford Graduate Fellowship (SGF)	Mar 2022
One of the most prestigious Stanford university-wide fellowships and a high honor. Full tuition, fees, and stipend funding for 3 years of graduate program (about \$105,228 total per year). Each year departments nominate one or two competitive applicants to Stanford's Graduate Fellowships Faculty Advisory Committee for review.	
American Geophysical Union (AGU) Student Travel Grant	Oct 2021
Selective merit-based award of \$1000 for presenting research at the AGU annual meeting.	
Association for Women Geoscientists (AWG) Takken Student Research Presentation Travel Award	Sep 2021
One of two awards made each year. Selective award of \$500 from AWG for presenting research at conferences.	
Sigma Xi Berkeley Chapter Grants-in-Aid Research	May 2021
Selective award of \$500 to support the honor thesis research sample processing.	
Charles H. Ramsden Endowed Scholarship Fund Research Fellowship	Dec 2020, Apr 2021
Selective award of \$2000 (awarded twice, \$4000 in total) from the UC Berkeley Earth and Planetary Sciences Department to support the honor thesis research at Yosemite National Park.	
Summer Undergraduate Research Fellowships (SURF), College of Letters and Sciences	Mar 2021
Selective award of \$5000 from UC Berkeley to support honor thesis research in the summer. Presented at SURF Symposium. Selected as an interviewee for university fundraising to share my research experience.	
Free Seed Sample Analyses at PRIME Lab (Purdue University)	Jan 2021
Selective award of nine free cosmogenic Be10 analyses (\$8,055) at PRIME Lab for honor thesis research.	
Geological Society of America Field Camp Scholarship Award	May 2019, May 2020
One of 15 awarded worldwide from over 76 applicants. Awarded \$2000 for field research in Alaska and California.	
American Geophysical Union Grant	May 2019
Awarded \$2000 for attending Juneau Icefield Research Program.	
<u>AWARDS/HONORS</u>	
Marie Morisawa Award	May 2023
Merit based award selected by Quaternary Geology and Geomorphology (QG&G) Division of the Geological Society of America. Awarded annually to one female graduate student for outstanding research grant proposal.	
Carl H. Beal Achievement Award	Mar 2022
\$500 to the highest ranked applicants for Stanford University's Department of Geological Sciences.	
Association of Environmental Professionals (AEP) Student Scholarship	Aug 2021
Selective merit-based award of \$1000 from the AEP San Francisco Bay Area Chapter.	
The Leadership Award	Sep 2020, Aug 2021
Selective merit-based award of \$2000 that recognizes undergraduate student leadership at UC Berkeley.	
Association for Women Geoscientists (AWG) Brunton Award	May 2021
One undergraduate recipient for the 2020 award. Selective award for outstanding fieldwork experience.	
SEG/Shell E&P Scholarship	May 2021
Selective merit award of \$1021.71 from the Society of Exploration Geophysicists (SEG).	
Donald & Nancy Frye Scholarship	May 2021
Selective merit award of \$4139.58 from the Society of Exploration Geophysicists (SEG).	
American Institute of Professional Geologists (AIPG) National Scholarship	May 2021
One of 16 awarded in the US. Selective award of \$1000 for tuition based on application essay and academic record.	
Geological Society of America (GSA) On To the Future Award	July 2020
Professional training program during the 2020 GSA Annual Meeting. Deferred award to 2021 GSA Annual Meeting due to COVID-19 pandemic. \$450 travel fund and mentorship at the Annual Meeting.	

Shirley A. & Stanley H. Ward Scholarship **May 2020**
Selective merit award of \$1,266.43 from the Society of Exploration Geophysicists (SEG).

Outstanding Student Scholarship **May 2020**
Two are awarded yearly to UC Berkeley students. Awarded \$500 for outstanding GPA and contribution to Berkeley.

TEACHING

EPS 5 Living on the Edge Field Course Teaching Assistant (Stanford) **Spring Quarter 2025**
Facilitated one weekend geology field trip class of 30 students in the San Francisco Bay Area.

EPS 1 Introduction to Geology Lab Teaching Assistant (Stanford) **Spring Quarters 2023, 2024**
Led 3-hour weekly lab session about 15-20 students with 1 hour of lecture and 2 hours of hands-on lab activities. Graded lab reports and exams. Supported project activities.

EPS 50 The Planet Earth Grader (UC Berkeley) **Spring Semester 2022**
Graded about 60 students' lab report every week. An introductory class for Earth Science.

University of California Marching Band Teaching Assistant (UC Berkeley) **2019 - 2021**
Taught groups of ten students marching during week-long summer band camp for three years. Facilitated 2-hour rehearsals of 200 band members five days a week for three fall semesters with a team of 20 teaching assistants.

MENTORSHIP

Fung Fellowship Alumni Mentorship Program (UC Berkeley) **Mar – May 2025**
Mentored one undergraduate student Irene Song and participated in group mentorship activities.

EPS Graduate Student Advisory Committee Mentorship Program Mentor (Stanford) **Oct 2024 – June 2025**
Mentored one 1st-year graduate student Gloria Quispe Oruro in the Earth and Planetary Science department.

FIELD CAMPS

EPS 105: Introduction to Field Methods (Stanford) **Sept 2024**
Geology mapping and field methods field camp with 2 weeks of camping in Inyo Mountains, CA.

International Summer School in Glaciology **June 2024**
Selective glacier modeling and data analysis summer school for graduate students in McCarthy, Alaska involving several day hikes on Kennicott Glacier.

Paleoclimate Training in Climate Archives, Models, and Proxies (paleoCAMP) **June 2023**
Selective paleoclimate summer school for graduate students with a combination of field and modeling learning experiences in Mammoth Lakes, California.

Juneau Icefield Research Program (JIRP) **June - Aug 2019**
Eight-week long field camp on the Juneau Icefield in Alaska and British Columbia. Assisted fieldwork in ice core drilling, rock sampling, snow-pit digging, and ground penetrating radar surveying. Traveled by cross-country skiing.

PROFESSIONAL EXPERIENCE

IDEAL Pedagogy Certificate **Mar 2025**
Online certificate course program on accessible and equitable pedagogy through the Stanford Center for Teaching and Learning.

Arctic Data Center (ADC) Workshop **Jan 2025**
Selective one-week workshop on Fundamentals in Data Management for Qualitative and Quantitative Arctic Research course using R, hosted by the ADC and the National Center for Ecological Analysis and Synthesis.

Sierra Nevada Science Symposium **Mar 2024**
Two-day conference supported by USGS, National Park Service (NPS), and University of California, Merced. Networked with and attended talks by land managers, indigenous community leaders, and USGS and NPS scientists.

LeadX: Developing Future Leaders **Feb - June 2023**

Selective leadership development program for Stanford graduate students. Sixteen students had six dinners over the course of five months to connect with and learn from Stanford Distinguished Careers Institute fellows.

Research with Impact: Developing Skills as a Community Engaged Scholar

Sep 2022

One-week intensive interdisciplinary training on developing community-engaging research, offered by Stanford Graduate Summer Institute and Haas Center for Public Service.

Unlearning Racism in Geoscience (URGE)

Jan - May 2021

16 weeks of curriculum to read anti-racism literature related to geosciences, attended interviews of experts, and discussed anti-racism in the Juneau Icefield Research Program pod.

Fung Fellowship Program

Aug 2020 - May 2021

Selective leadership and professional development program on conservation and technology offered by the University of California, Berkeley College of Engineering, and College of Natural Resources. Worked on cross-discipline virtual teams on three human-centered design projects.

On To the Future Professional Development Pathways Program

Oct 2020 - Jan 2021

Selective professional development program on profile building offered by the Geological Society of America, University of Arkansas, and the University of Texas-Austin. Awarded \$500 for participating.

L'SPACE NASA Mission Concept Academy

May - Aug 2020

Selective online professional workforce development program on space mission developing. Worked with a virtual team for writing a Preliminary Design Review on selecting Mars rover mission landing site. Participated as student team's Lead Scientist; led science team's research and communicated with other management roles in the team.

L'SPACE NASA Proposal Writing & Evaluation Experience Academy

Jan - Apr 2020

Selective online professional workforce development program on NASA proposal writing and technology taxonomy. Worked with a virtual team for solicitation writing and new technology research on collision detection radar system.

PUBLICATIONS

Articles:

- [4] **Che, Y.**, (2025, Feb). How Earth and Planetary Science Graduate Students Can Use SciX to Conduct Literature Searches. *SciX Blog*. <https://scixplorer.org/scixblog/scix-earth-science-literature-review>
- [3] Taormina, R., Valencia, M., **Che, Y.**, (2022, Sep). Tips For First-Time Attendees of GSA Connects. *Speaking of Geoscience: the Geological Society of America's Guest Blog*. <https://speakingofgeoscience.org/2022/09/27/tips-for-first-time-attendees-of-gsa-connects/>
- [2] **Che, Y.**, Nagurney, A., Taormina, R., (2021, Oct). GSA Undergraduate Student Research Funding Survey Results. *GSA Today*.
- [1] **Che, Y.**, Humphreys, S.M., (2021, May). Prytanean 150 Years of Women at Berkeley History Research Project. *150 Years of Women in Berkeley*. https://150w.berkeley.edu/sites/default/files/prytanean_urap_final_project.pdf

Abstracts:

- [7] Myers, B., Kelbert, A., **Che, Y.** (2024, Dec). Science Explorer (SciX): A Valuable New Information Service for Earth Science Literature, Data, and Software Discovery. Poster presentation, American Geophysical Union Fall Meeting, Washington DC.
- [6] **Che, Y.**, Abbey, A., Stock, G., Cuffey, K., Shuster, D. (2023, Oct). In Situ Cosmogenic Be-10 and C-14 Exposure Age Evidence for the Timing of Cirque Glaciers Formation in Lyell Canyon, Yosemite During the Post-last Glacial Maximum Deglaciation. Oral presentation, Geological Society of America Annual Meeting (GSA Connects), Pittsburgh, Pennsylvania.
- [5] Hogenauer, J., Parande, A., **Che, Y.**, Elzeiny, L., Goli, S., Rojo, E.H., Kopunova, S., Kuptz, A., Ponsar, C., Simonis, A. (2022, Aug). Utilizing Human-Centered Design to Build an Open-Source Marine Soundscape Data Hub with which to Better Inform Marine Mammal Ecology and Policy. Poster presentation, 24th Biennial Conference on the Biology of Marine Mammals (the Society for Marine Mammalogy), Palm Beach, Florida (postponed from Dec. 2021).
- [4] **Che, Y.**, Parande, A., Kuptz, A., Elzeiny, L., Rojo, E.H., Goli, S., Hogenauer, J., Ponsar, C., Kopunova, S., Simonis, A. (2021, Dec). Visualizing Marine Soundscapes for Marine Resource Managers and the General Public: Data Visualization Website Developed Using Human-Centered Design Principles and Interdisciplinary Collaboration. Poster presentation, American Geophysical Union Fall Meeting, New Orleans, Louisiana.

- [3] **Che, Y.**, Abbey, A., Shuster, D., Balco, G., Stock, G., Cuffey, K. (2021, Dec). Understanding Glacier Thinning and Retreating During the Last Glacial Maximum in Yosemite to Predict Contemporary Deglaciation. Poster presentation, American Geophysical Union Fall Meeting, New Orleans, Louisiana.
- [2] **Che, Y.**, Abbey, A., Shuster, D., Balco, G., Stock, G., Cuffey, K. (2021, Oct). Understanding Glacier Thinning and Retreating During the Last Glacial Maximum in Yosemite to Predict Contemporary Deglaciation. Oral presentation, Geological Society of America Annual Meeting (GSA Connects), Portland, Oregon.
- [1] Reahl, J.N., Rand, C.F., Bellamy, K., **Che, Y.**, Hoiem, J., Johansen, N. (2019, Dec). Be10 Dating Constraints on the Deglaciation History of the Juneau Icefield. Poster presentation, American Geophysical Union Fall Meeting, San Francisco, California.

ACADEMIC PRESENTATIONS

- [2] **Che, Y.** (2024, Feb). Deglaciation in Yosemite Following the Last Glacial Maximum. **Invited** webinar, hosted by the Paleoglaciologists Working Group invited by Dr. Benjamin Laabs from North Dakota State University. <https://www.youtube.com/watch?v=7s4ItmEZJOo>
- [1] **Che, Y.**, Humphreys, S.M. (2021, May). Women Student Leadership: History of Women Student Organizations on Berkeley Campus from 1870. Presentation, Emeriti as Mentors: Intergenerational Poster Session.

SCIENCE COMMUNICATION OUTREACH

Social Media and Outreach Project:

NASA Science Explorer (SciX) Ambassador **Apr 2024 - July 2026**
Represent NASA SciX at academic conferences and created science communication comics to share the new literature search engine with research communities.

NASA Lucy Asteroid Ambassador **July 2020 - July 2022**
Volunteered to create science communication projects using various media and delivered public speeches to introduce the public to NASA's Lucy mission.

Asian Americans and Pacific Islanders in Geosciences (AAPiG) **Apr 2021 – Mar 2022**
Steering Committee member, social media lead. Managed AAPiG official Twitter and Instagram.

Public Speaking:

- [23] Wu, T., **Che, Y.**, Oost, C., Ard, M. (2025, Feb). Meet a Stanford Grad! Panel discussion, San Jose State University Visit Day, hosted by Stanford Doerr School of Sustainability.
- [22] **Che, Y.**, Chaffee, T. (2025, Feb). Literature Search Smarter: Use SciX to Accelerate Your Research. Workshop presentation, hosted by Stanford Branner Earth Science Library.
- [21] Zhang, C., Vera, C. N., Ochoa, E., **Che, Y.**, Wu, Z., Ja, N. (2024, Nov). Alumni Career Panel. Panel discussion, hosted by UC Berkeley Prytanean Women's Honor Society.
- [20] Varma, A., Sperling, E., **Che, Y.**, Herz, S., Nigro, E., Burns, C., Wu, T. (2024, Oct). Earth and Planetary Sciences (EPS) Graduate Admission Information Session. Panel discussion, hosted by Stanford EPS department.
- [19] **Che, Y.**, Abdulhakeem, K. (2024, July). How this Stanford grad student fulfilled her childhood dream, Carpool Career Talks. Interview. <https://www.youtube.com/watch?v=4Vz9SHtBvwc>
- [18] Blaske, C., Marvin, C., **Che, Y.**, Nigro, E., Chaffee, T., Soringa, E. (2024, May). Earth and Planetary Sciences (EPS) Grad School Interest Student Panel. Panel discussion, hosted by Stanford EPS department, EPS Undergraduate Peer Advisors.
- [17] **Che, Y.**, Massengale, C., Arana, S. (2024, Apr). BIPOC Experiences in Research Panel. Panel discussion, hosted by 2024 Stanford Research Conference.
- [16] Myers, B., Lewis, C., Valencia, M., Fazzari, R., Doss, K., **Che, Y.**, Rafter, M., Dorsey, M. (2023, Sep). GSA Connects Meeting 2023 First-time Attendees Webinar. Webinar, hosted by the Geological Society of America (GSA).
- [15] Karki, P., Margolis, S., Castanha, A., **Che, Y.**, Ly, H., Ko, Y., Bhimani, D., Chang, H., Akyar, D., Khanna, R., Gutierrez, C., Wong, J., Greer, A. (2023, Apr). Fung Fellowship Alumni Networking Panel. Panel discussion, hosted by Fung Fellowship at UC Berkeley.
- [14] **Che, Y.**, Fazzari, R., Valencia, M. (2022, Oct). GSA Connects 2022 Attendees Webinar. Webinar, hosted by the Geological Society of America (GSA).
- [13] Mansmann, T., **Che, Y.** (2022, Jun). Fall 2022 Pre-arrival Webinar: Preparing for your First Year Experience. Panel discussion, hosted by UC Berkeley International Office.

- [12] **Che, Y.** (2022, May). Yueyi Che || Berkeley Discovery. Interview by Berkeley Discovery. <https://www.youtube.com/watch?v=NzXYk6Uec0w>
- [11] Torres, V., **Che, Y.** (2022, Apr). From Deserts to Glaciers: Adventures of Studying Earth's Past and Future. Outreach presentation, hosted by student group Women In STEM from the University of Monterrey (Mexico).
- [10] Burns, S., Thorne, E., Chhum, E., Larson, E., **Che, Y.**, Chavez, I., Lee, S., Nelson, N. (2022, Apr). Cal Week 2022: Academic Opportunities. Panel discussion, hosted by UC Berkeley Admissions.
- [9] Burns, S., Thorne, E., Wilson, K., Bussell, N., Campbell, M., **Che, Y.**, Chang, B. (2022, Apr). Undergraduates Working on Environmental and Climate Justice Projects. Panel discussion, hosted by Berkeley Discovery Hub.
- [8] Nocerino, J., Taormina, R., **Che, Y.**, Fazzari, R. (2021, Sep). GSA Connects 2021 Attendees Webinar. Webinar, hosted by the Geological Society of America (GSA).
- [7] Chirikov, I., Singh, V., **Che, Y.**, Cuddihy, C., Roberts, B.J., Smock, R.O., (2021, June). Undergraduate Students' Perspectives on Learning and Wellbeing during the Pandemic. Panel discussion, hosted by the Student Experience in the Research University (SERU) Consortium.
- [6] Garcia, A., **Che, Y.**, Guzman, A., Jaramillo, J., Torres-Londono, Coté, L., Spohr, K. (2021, Mar). Life during COVID-19: Perspectives from STEM majors at UC Berkeley. Panel discussion, hosted by the Coalition for Education & Outreach (CEO), UC Berkeley.
- [5] McAuliffe, C., **Che, Y.**, Harmon, S. (2020, Oct). GeoTeach Workshop For K-12 Educators and Students. Panel discussion, hosted by Geological Society of America (GSA).
- [4] McAuliffe, C., **Che, Y.** (2020, Sep). #STEMRocks Online Panel. Panel discussion, hosted by Chief Science Officers.
- [3] McCreedy, A., **Che, Y.**, Bi, H., Wu, M., Chan, S.N., Xu, W. (2020, Apr). International Student Experience Panel. Panel discussion, hosted by Berkeley International Office, UC Berkeley.
- [2] Reahl, J.N., Rand, C.F., Bellamy, K., **Che, Y.**, Hoiem, J., Johansen, N. (2019, Aug). Be10 Dating Constraints on the Deglaciation History of the Juneau Icefield. Outreach presentation, Atlin, British Columbia, Canada.
- [1] Reahl, J.N., Rand, C.F., Bellamy, K., **Che, Y.**, Hoiem, J., Johansen, N. (2019, Aug). Be10 Dating Constraints on the Deglaciation History of the Juneau Icefield. Outreach presentation, Juneau, Alaska, USA.

SERVICE

International:

Association of Polar Early Career Scientists (APECS)

Council Co-Chair: Coordinated APECS international council's activities and advised different APECS project groups' leaders on their initiatives in polar research. **Oct 2024 - Present**

National:

Geological Society of America (GSA)

Student Volunteer: Facilitated the logistics of a one-day short course on science communication at the GSA Connects 2024 meeting. **Sept 2024**

Student Advisory Council, Past-Chair: Voting member at GSA Council. Led the Student Advisory Council of 30+ students. Voice for the student members in GSA through managing the Twitter account, surveying undergraduate students' research financial needs, increasing early-career member leadership opportunities, and advocating for member's safety related to access of abortion during meetings. **Oct 2020 - Oct 2023**

International Committee, Student Representative: Promoted international cooperation in and outside of the GSA. Created the committee's official Twitter to increase opportunity accessibility. **July 2020 - June 2022**

Education Committee, Student Representative: Promoted diversity and inclusion in education in and outside of the GSA. Led the design on behalf of GSA for AGI's Earth Week Calendar activity page to send to 9000+ science teachers in the US. Connected with the Chief Science Officers for outreach for 2 years. **July 2020 - June 2022**

American Geophysical Union (AGU)

AGU Cryosphere Section, Student Representative and Co-chair of AGU Cryosphere Section's Diversity, Inclusion, and Equity (DEI) working group. Founded AGU Cryosphere Student Diversity Travel Grant (CryoStuD). **Apr 2021 – Dec 2022**

University:

Stanford When Islands Meet Founder

Jan – Jun 2025

Founder and lead-organizer for When Islands Meet, a network event series that provided peer mentorship and allyship for graduate students of color who identifies as women or non-binary in Stanford Doerr School of Sustainability.

Stanford Adventure Program Trip Leader**Sept 2024 – Jun 2025**

Led day-hikes and field learning of local geology, biology, and culture for students around the San Francisco Bay Area.

Prytanean Honor Society Alumnae

Board Member, Cal Alumni Association Liaison: Facilitated conversations on alumni relations between the Prytanean Women's Honor Society alumnae chapter and UC Berkeley's alumni association. **Sept 2024 - Present**

Stanford Doerr School of Sustainability Recruitment Ambassador**Sept-Dec 2024**

Recruited potential graduate students and post-doctoral scholars at conferences for the school.

Geoscience Student of Color at Berkeley**Feb 2021 – May 2022**

First Spokesperson and Founding Member. Organized creative department-wide events to celebrate and connect people with minority demographics in geoscience. Contributed to department's diversity strategic plan.

Prytanean Women's Honor Society**Sep 2020 – May 2022**

Served as Vice President (April 2021- May 2022) for internal relations and organizations. Prytanean's UC Berkeley chapter is the first selective women's honor organization in the United States.

Cal Hiking and Outdoors Society (CHAOS)**Sep 2019 - May 2021**

University of California, Berkeley. Trip Leader, Gear Officer.

REVIEWER

Stanford Sustainability Undergraduate Research in Geoscience and Engineering Program (SURGE) NSF REU (2025)

Prytanean Faculty Enrichment Award (2024)

AGU Cryosphere Student Diversity Travel Grant (CryoStuD) (2022)

GSA International Distinguished Career Award (2021)

MEMBERSHIP

American Geophysical Union (**AGU**) Student Member

Geological Society of America (**GSA**) Student Member

International Glaciological Society (**IGS**) Student Member

International Association of Cryospheric Sciences (**IACS**) Member

Interagency Arctic Research Policy Committee (**IARPC**) Member

Polar Impact Member

Polar Science Early Career Community Office (**PSECCO**) Member

Asian American and Pacific Islander in Geoscience (**AAPIG**) Member

Phi Beta Kappa Member (Invited by the University of California, Berkeley chapter as the top graduating senior)

Sigma Xi Associate Member (nomination only)

Association for Women Geoscientists (**AWG**) Student Member (Invitation through scholarship opportunity)

Association for Women in Science East Bay, CA Chapter Member (Invitation through scholarship opportunity)

Sierra Club Loma Prieta Chapter Member

Association of Environmental Professionals Member

American Institute of Professional Geologists Member

HOBBIES

Artistic: Portrait sketching, comic drawing, creative make-up.

Musical: Songwriting, singing, ukulele, clarinet, Irish tin whistle.

Sports: Hiking, camping, in-door rock climbing, weightlifting.

Relax: Snuggling my cats, board games, going to the beach, eating Asian food, claw machine.