

UCLA Geography

Undergraduate Newsletter



Here at the Geography department, we are proud supporters of Earth Day! Geographers recognize the importance of understanding, protecting, and preserving the Earth's natural environment.

Here are some simple ways you can celebrate earth day this year.

- Go for a Nature Walk
- Reduce, Reuse, and Recycle
- Conserve Energy
- Switch to Sustainable Transportation
- Support Local Farmers
- Clean Up Litter
- Start a Garden
- Plant a Tree
- Support Environmental Organizations
- Educate Yourself and Others

Attend UCLA Earth day Events

- [E3's Earth Day Fair](#)
- [UCLA Health Earth Week 2024 Events](#)

Links to Academic Resources:

- Tip for **Graduating Seniors**, visit: <https://registrar.ucla.edu/registration-classes/graduation/tips-for-graduating-seniors>
- The department will be updating our **Commencement information** soon, but to review last year's details, visit: <https://geog.ucla.edu/academics/commencement/>
- For information about **Contract Courses**, visit (bottom of webpage): <https://geog.ucla.edu/academics/undergraduate/majors-and-minors/>
- For information about **Departmental Honors**, visit: <https://geog.ucla.edu/academics/undergraduate/departmental-honors/>
- Interested in a **Double-Major**? Visit: <https://caac.ucla.edu/academic-planning/double-major-planning/>
- Answers to the most common questions can be found on the department's **FAQ page**: <https://geog.ucla.edu/academics/undergraduate/faq/>

Contact Us

Assistant Undergraduate Advisor	Student Affairs Officer (SAO)
<p>Ariana Rodriguez is the Assistant Undergraduate Advisor. Reach out to Ariana at undergraduate@geog.ucla.edu with general questions about</p> <ul style="list-style-type: none">▪ Majors and/or minors▪ Declaring/dropping a major/minor▪ General inquiries	<p>Jenée Misraje is the Student Affairs Officer. Sign up for undergraduate student advising sessions https://geogsao.youcanbook.me</p> <p>Reach out to Jenée with specific or more complex questions at jenee@geog.ucla.edu</p>



Upcoming Classes

Geography Summer Classes

- GEOG 4 Globalization Regional Development and World Economy
- GEOG 5 People & Earth's Ecosystems
- GEOG 7 Intro to Geospatial Info Systems
- GEOG 136 Health & Global Environment
- GEOG 160 Urban Geography
- GEOG 171B California
- GEOG 171C Metropolitan Los Angeles
- GEOG 181A Intermediate GIS
- GEOG 181B Advanced GIS
- GEOG 182A Introduction to Remote Sensing

All classes are ONLINE.

To register, visit the summer Sessions website at www.summer.ucla.edu

UCLA Geography
SUMMER SESSIONS 2024

UCLA Geography offers online summer courses that will satisfy GE requirements and provide upper division credit courses that engage in local and global issues, policies and case studies.

ENROLL TODAY!

To register, visit the Summer Sessions website at www.summer.ucla.edu

SESSION A- 06/24/24- 08/02/24 **ALL CLASSES ONLINE**

- GEOG 4- Globalization: Regional Development and World Economy
- GEOG 5- People & Earth's Ecosystems
- GEOG 7- Introduction to Geospatial Information Systems
- GEOG 136- Health & Global Environment
- GEOG 171C Metropolitan Los Angeles
- GEOG 181A Intermediate GIS

SESSION C- 08/05/24-09/13/24 **ALL CLASSES ONLINE**

- GEOG 5- People & Earth's Ecosystems
- GEOG 7- Introduction to Geospatial Information Systems
- GEOG 160- Urban Geography
- GEOG 171B California
- GEOG 181B Advanced GIS
- GEOG 182A Introduction to Remote Sensing



CALIFORNIA ECOLOGY AND CONSERVATION NRS BIOL/ENVS 188 & 189

ACTIVITIES

Explore California—spend 7 weeks at UC Natural Reserves
Design your own scientific studies
Learn field research and data analysis methods
Improve your scientific writing and public speaking
Receive personalized mentoring from instructors

DETAILS

Open to undergraduates from all 9 general UC campuses
Maximum of 27 students
Fall and spring: 19 quarter/15 semester units
Summer: 19 quarter/12.7 semester units

LEARN MORE AND APPLY

ucnrs.org/teaching/cec/



Applications for the Fall 2024 offering of the UC Natural Reserve System field program, California Ecology and Conservation are due on **Thursday, April 25, 2024.**

Applications can be found [here](#).



Upcoming Events

colloquium with Dr. Sylvia Dee

Interrogating Anthropogenic and Natural Impacts on U.S Hydroclimate Hazards: Past, Present, and Future

Monday April 22, 2024, at 2:30pm
In Bunche Hall 1261

Webinar link:

<https://ucla.zoom.us/j/98501128584?pwd=ZWczbW9KVnpVV1ZGVmZpYkNsaUrZz09>

von HUMBOLDT Lecture Series

INTERROGATING ANTHROPOGENIC AND NATURAL IMPACTS ON U.S. HYDROCLIMATE HAZARDS: PAST, PRESENT, AND FUTURE

Monday April 22, 2024 at 2:30pm

BUNCHE HALL 1261

IN PERSON & WEBINAR

Our understanding of the oceanic and atmospheric dynamics under continued anthropogenic forcing rests on two major pillars: general circulation models (GCMs) and instrumental climate data. However, observations of 20th century climate (e.g. from weather stations or satellites) are too short (back to 1900) to fully characterize decadal and centennial variability in the climate system. To augment the relatively brief instrumental record, high-resolution paleoclimate data record the pulse of the planet over timescales for which we have no direct records, provide a means for investigating extremes in past climates as an analog for future conditions, and help constrain statistics for climate variability.

This talk describes novel strategies for improved predictions of climate system behavior, specifically surrounding the El Niño-Southern Oscillation (ENSO), by combining data from models, instrumental data, and high-resolution paleoclimate archives. These new methods are applied to key questions concerning anthropogenic impacts on ENSO and past and future extremes in hydroclimate variability. Future projections of water stress will depend crucially on such improved estimates of ENSO variability on longer (decadal to centennial) timescales.

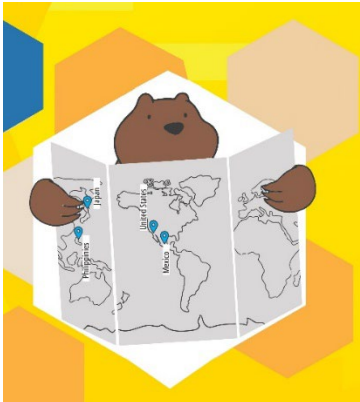


Dr. Sylvia Dee
Rice University

Dr. Sylvia Dee, an Assistant Professor in the department of Earth, Environmental, and Planetary Science, is a climate scientist specializing in climate change and the hydrological cycle in the past, present, and future. Her research focuses on how Earth's modes of natural variability, like El Niño and La Niña events, compound with climate change to alter the characteristics of weather and climate extremes, such as flooding hazard on the Mississippi River. Her lab evaluates climate model data to understand future risks to human and natural systems.

UCLA Geography

Are you passionate about contributing to humanitarian causes? Do you want to learn mapping skills while connecting with peers from around the world? If so, join us from **April 23rd-25th** for the **7th Annual International Humanitarian Mapathon!**



2024 International Humanitarian Mapathon

Learn OpenStreetMap with Pizza!

Sponsored by UCLA Library & the Dept. of Geography

Tues., April 23 | 4 p.m.

YRL Main Conference Room

Beginners welcome!

Can't make the pizza party? Join an online event:

UN Crisis Map Challenge

Wed., April 24 | Noon | Online

International Meetup


Thurs., April 25 | 6 p.m. | Online



Find out more at
www.mapathon.la

UCLA Library

Register and learn more at mapathon.la



Ambitious climate change mitigation pathways require large and swift reductions in anthropogenic CO2 emissions worldwide, a substantial portion of which arise from fossil energy sources utilized in electricity generation. Thus, stabilizing global mean temperatures at or below 2 degrees necessitates retiring fossil-burning infrastructure well before their operational lifespans have elapsed, resulting in stranded assets. However, sizable investments in fossil energy infrastructure have continued to rise globally, posing a threat to international climate change mitigation, food security, and financial objectives. We will discuss the challenges associated with attaining lower climate warming targets within the power sector and the potential repercussions for global agriculture and human well-being if these targets are exceeded.

Dr. Robert Fofrich Navarro is a UC President's Postdoctoral Fellow at UCLA's Institute of the Environment and Sustainability and is a researcher with the Climate Impact Lab. His research focuses on the interactions between human society and the climate system and can be broadly categorized into three main areas: understanding climate change drivers, identifying climate change risks to human and natural systems, and climate change mitigation. He obtained his bachelor's and Ph.D. in Earth System Science from the University of California, Irvine, where he specialized in energy systems, agriculture, and climate change. Dr. Fofrich Navarro also serves on the postdoc council of the National Postdoctoral Association and is dedicated to fostering equitable solutions through his scientific endeavors.

UCLA Geography

Colloquium with Dr. Robert Fofrich

Mitigating Climate Change Drivers and Risks

Monday April 29, 2024, at 2:30pm
In Bunche Hall 1261



Scholarship and Research Opportunities

2024 Dr. Antony Orme Summer Awards for Undergraduate Geography Students

The purpose of this award for Geography majors is to support up to four undergraduate research experiences in the discipline each summer. The awards range from \$1,000 - \$2,000, based on the awardees' project budget. The funds are provided to support research; travel costs for a project or opportunity allowing the student to work in a lab or on a field project/course; for going to a research-based camp or for another specific research-driven activity while under the guidance and supervision of a faculty mentor. The faculty mentor overseeing the student does not have to be at UCLA and can be from another accredited college or university.

To learn about our emeriti Dr. Antony Orme, please visit – <https://geog.ucla.edu/person/antony-orme/>

All matriculated UCLA Geography undergraduate students are eligible to apply by submitting the following:

- 1) A detailed proposal of your research project
- 2) A budget breaking down all costs related to your project
- 3) A letter from a faculty member with whom you have taken a class with or who is familiar with your work

Combine ALL 3 documents in a **single PDF file**.

The deadline to submit your complete application for consideration is **May 10, 2024**. Please forward your application in the combined PDF to SAO Jenée Misraje jenee@geog.ucla.edu by the deadline.

2024-25 undergraduate Internet Research Initiative

Up to 10 undergraduates from across campus (students from all majors are encouraged to apply) will receive \$7,500 prizes each to pursue their research. Prize winners will also receive seating in the UCLA Connection Lab on campus and a dedicated mentor.

Recipients of the prize will be awarded for articulating their commitment toward a well-described research project that addresses some aspect of technology development, social trends or problems, ethics, and/or justice, as it contributes to the advancement of the future Internet.

The application process is quite simple. See the website (<http://www.iri.ucla.edu/application/>) for application information, including our research mission statement, and FAQ (<http://www.iri.ucla.edu/faq/>). Applications are due **April 25, 2024**.



Volunteer Opportunities

Apply for **Bruin Shelter's recruitment** cycle for Spring 2024. **Bruin Shelter is a UCLA undergraduate volunteer organization** that operates a shelter for students experiencing houselessness in the greater Los Angeles area. We believe deeply in the power of a diploma, re-examining assumptions about what houselessness means, and making a tangible difference in the community around us. Ultimately, Bruin Shelter is more than just a shelter. It is about providing a safe space for these individuals - a home and a family.

Application due Friday at 11:59PM (Friday, 4/19) - <https://tinyurl.com/BruinShelterS24>



Students for Students

INTERESTED IN TEACHING?
SKILLED IN READING, WRITING, OR
FOREIGN LANGUAGES?

JOIN CUB SUPPORT!

*Help provide free, individualized virtual
tutoring for K-12 students!*

- 6 HOURS/MONTH COMMITMENT
- SET YOUR OWN SCHEDULE
- CHOOSE THE GRADE LEVEL(S)
YOU WANT TO TUTOR

To sign up, visit cubsupport.org/volunteer
If you have questions, email ucbears4cubs@gmail.com

Cub Support is an organization that tutors K-12 students remotely to help bridge the gap for equity in education. We are currently looking for more tutors to join our organization.

You get to set your own schedule and choose the subjects / grade levels you wish to tutor (subject to availability). To sign up, or to find out more, visit cubsupport.org/volunteer

Contact ucbears4cubs@gmail.com with any questions.