

Olivia Hemond

(978) 460-7078 | ohemond@bren.ucsb.edu | [LinkedIn](#) | Santa Barbara, CA

EDUCATION

Master of Environmental Science and Management, 4.0 (Expected June 2025)

Bren School of Environmental Science & Management – University of California, Santa Barbara (UCSB)

Specializations: Conservation Planning & Strategic Environmental Communication

Highlighted Coursework: Conservation Planning Theory & Practicum, Ecology of Managed Ecosystems, Forest Sustainability, Environmental Law and Policy, Grassroots Engagement, Climate Impacts and Adaptation, Data Analysis & Statistics, Geographic Information Systems (GIS) (to be completed by 6/24)

Bachelor of Science in Molecular Environmental Biology, 4.0 GPA (May 2021)

Rausser College of Natural Resources – University of California, Berkeley

Highlighted Coursework: Global Change Biology, Evolutionary Environmental Physiology, Environmental Change Genetics, Data Science in Global Change Ecology, General Biology (1 year), Calculus & Statistics

Study Abroad: Marine Biology and Terrestrial Ecology, University of Queensland, Australia (8/19-11/19)

MASTER'S GROUP PROJECT

Integrating Climate Adaptation Strategies into Local Collaborative Forest Management (4/24–Present)

Role: Data and Information Manager | Client: The Nature Conservancy (TNC) in Colorado

- Collaborating as part of multidisciplinary 5-student team to develop a climate adaptation management plan template for TNC and other members of the Upper South Platte Partnership (USPP) in Colorado
- Interviewing land managers to understand their current approaches to climate adaptation and existing barriers to integrating adaptation into their work; conducting qualitative analysis of interviews
- Creating a menu of climate adaptation strategies to facilitate adaptation planning and decision making
- Designing streamlined process for incorporating adaptation strategies into relevant grant applications

CLIMATE & ENVIRONMENTAL EXPERIENCE

Arnhold Environmental Graduate Fellow (10/23–present)

Arnhold UCSB – Conservation International Climate Solutions Collaborative, Santa Barbara, CA

- Investigating how future climate and land use scenarios may impact African elephant movement corridors in collaboration with partners at Conservation International and the University of Namibia
- Analyzing landscape connectivity using present day and future projections of land cover data in R
- Coordinating research responsibilities and workflows with 2 student collaborators
- Preparing and presenting on research progress weekly to the project leadership team and once a quarter to collaborators in Namibia

Directorate Resource Assistant Fellow (7/24–9/24)

U.S. Fish and Wildlife Service (USFWS), Remote

- Researched ePermits user groups and wrote 10 user persona profiles describing different groups' background, motivations, permitting needs, and barriers, to inform customer experience improvements
- Designed 3 distinct interactive prototypes of the permit wizard tool using the design site Figma; presented to and gathered survey data from 36 USFWS employees at the 2024 ePermits Workshop
- Analyzed quantitative and qualitative survey data to inform improvements to the permit wizard designs
- Recruited and led 4 ePermits users through virtual usability testing sessions for the permit wizard designs
- Presented on project accomplishments to executive leadership at USFWS; wrote ~1,100-word story on project for public USFWS publication; wrote 10 page project report and summary for the ePermits team

Environmental Analyst (7/22–8/23)**Eastern Research Group, Inc. (ERG), Concord, MA**

- Analyzed survey data from 65+ organizations to identify state-specific progress in and barriers to climate adaptation for the 2023 Massachusetts State Hazard Mitigation and Climate Adaptation Plan
- Facilitated the development of web content on regional climate impacts, and updates to existing climate indicator data collection processes, for EPA's Climate Change Indicators site
- Composed four 2-3 page summaries of state-specific climate impacts for EPA's Climate Change Impacts site
- Analyzed and visualized data on chemical releases for the 2021 Toxics Release Inventory National Analysis

TEACHING EXPERIENCE

Graduate Teaching Assistant, Environmental Studies Department, UCSB, Santa Barbara, CA (4/24–6/24)

- Served as the sole teaching assistant for an upper-division undergraduate class on Global Environmental Change for ~70 students; taught three 50-minute discussion sections each week
- Developed weekly lesson plans and materials for discussion sections to review course content
- Graded homework assignments, final project presentations and reports, and midterm and final exams
- Developed and presented one hour-long lecture to the class on ecosystem management strategies in the context of global change

English Language Assistant and Cultural Ambassador – IES Santiago Rusiñol, Aranjuez, Spain (9/21–5/22)

- Delivered classroom instruction in English to 90+ Spanish students (non-native English speakers) aged 11 to 17 during classes in biology, technology, English language, and art
- Developed lesson plans, educational materials, and in-class assignments for biology students
- Provided one-on-one verbal English practice with art and architecture vocabulary for art students
- Lead classroom activities about American culture and traditions to foster cross-cultural engagement

SKILLS

Technical: R, RStudio, GitHub, ArcGIS Pro, Microsoft Office Suite (Excel, Word, PowerPoint), Google Suite, Figma, information management, data management, data analysis (quantitative and qualitative)

Communication: Semi-structured interviews, usability testing, meeting facilitation, extensive experience with written communications of various forms (formal reports, scientific and analytical writing, memos, short blog-style articles), extensive experience with formal and informal oral presentations

Spanish: Strong reading comprehension, intermediate speaking and listening abilities (non-native speaker)

AWARDS AND HONORS

- UCSB Bren School – Forest Sustainability Fellowship (8/23–6/25)
- UCSB Bren School – Environmental Science and Management Fellowship (8/23–6/25)
- Phi Beta Kappa Honor Society (5/21)
- UC Berkeley – Major Citation Award (\$200) (5/21)
- UC Berkeley – Graduated with Honors of the Highest Distinction (equivalent to summa cum laude) (5/21)
- UC Berkeley – Dean's List (5 semesters, 2017–2021)
- Emerging Researchers National (ERN) Conference in STEM Travel Grant (11/19)
- UC Berkeley – UCEAP Promise Award for Study Abroad (\$2,000) (8/19)
- UC Berkeley – UC Edward Frank Kraft Award for Freshmen (\$270) (8/17)