

## Petition to Waive Prerequisites

I am requesting a waiver of prerequisites for statistics, social science, and natural science based on recent and current work in these subjects. Further information to support this request is below.

### Statistics and Social Science

While my classwork in statistics and social sciences has been greater than five years, the use and application of both are regular components of my job. Being the director of a research center focused in mental health and substance use within the Department of Psychiatry and Behavioral Sciences at two University of California campuses and having been engaged in research for the past 16+ years, social science and statistics have been central to my daily work life. We provide community and clinic-based research studies and implement policy and programs with vulnerable populations, e.g. racial/ethnic and religious minorities, substance using children and adults, justice-involved youth and adults, LGBTQIA+ populations. Through grant writing and reporting as well as dissemination of study results, I am regularly engaged in quantitative and qualitative data collection through paper-based and online survey (RedCap, Qualtrics) and individual interview and focus groups data collection methods, respectively. SPSS and SAS for quantitative data analyses and Dedoose and Nvivo for qualitative analyses are the programs I've used most regularly. While much of the quantitative data is analyzed by Research Data Analysts who report to me, I am responsible for oversight of their work by reviewing, evaluating, and providing feedback and as such am actively engaged in the analyses.

### Natural Science

From August-November 2022, I attended the 4-unit equivalent University of California (UC) Climate Stewards class through Stewards of the Coast and Redwoods, an associated partner organization contracted to lead the class under the direction of UC Davis Extension. The course consisted of over 40 educational hours that included both lecture and field work and culminated with a capstone project developed and presented at the end of the semester. More details about the program are linked below and the course syllabus and a copy of my Certificate of Achievement are appended to the end of this document.

About Climate Stewards

[https://calnat.ucanr.edu/cs/cs\\_about/](https://calnat.ucanr.edu/cs/cs_about/)

Stewards FAQs

[https://calnat.ucanr.edu/cs/cs\\_faq/](https://calnat.ucanr.edu/cs/cs_faq/)

Canvas Login

<https://login.uconline.edu/stewards>

UC Davis Course Credit Information

<https://cpe.ucdavis.edu/section/uc-climate-stewards>

Additionally, I have been actively engaged and receiving ongoing training since May 2019 in the City of Alameda Fire Department sponsored Community Emergency Response Team (CERT) where we are provided classroom and field instruction on how to support the community during disasters. Instruction topics include the development of disasters (natural and human advanced), disaster response, structural and utilities engineering, and acute and chronic physical and mental traumas caused by disaster. A certificate of completion from my initial CERT training is appended below.



## UC CLIMATE STEWARDS OF THE COAST AND REDWOODS

### Instructor

Cathy Johnson

### Phone

916-622-3163

### Email

[cathyconnorjohnson@gmail.com](mailto:cathyconnorjohnson@gmail.com)

### Course Start and End

8/17-11/9

Fall 2022

### Climate Stewards Website

<http://calnat.ucanr.edu/cs>

### Canvas Course Website

[login.uconline.edu/stewards/](https://login.uconline.edu/stewards/)

### Registration

<https://stewardscr.org>

### Course Fee

\$450 for members; \$550 for non-members

### Course Location

Online via zoom; plus 3 in-person field trips and/or self-guided independent field trips.

### Course Schedule

Wednesday evenings from 6:30 to 9:00 pm

Three Weekend days (Sat and/or Sun) TBD.

### Course Overview

The UC Climate Stewards seeks to foster a committed corps of volunteers ready to effectively engage in transformative local solutions to promote community and ecosystem resilience in a changing climate. The UC Climate Stewards course will introduce you to social-emotional learning and trauma-aware practices, climate change communication, climate science, and community resilience planning. The course curriculum will combine themes of communication, community engagement and climate science with guest lecturers, field trips, and project-based learning to immerse you in the dynamics of your local community.

This UC Climate Stewards Course will integrate locally relevant themes of fire, water and stewardship that will translate across the state, national and global climate resilience.

### Learning Outcomes

- Increase access to up-to-date and locally relevant climate science to improve climate literacy
- Improve participants' self-efficacy and agency by fostering climate change communications skills development, civic engagement, and local conservation and community action
- Establish an inclusive community of practice focused on stewardship, communication, and community solutions to advance resiliency
- Build statewide support and capacity to effectively advance state and local climate goals
- Meet all of the course requirements

### Course Requirements

- **Contact Time:** Each UC Climate Stewards course consists of a minimum of 43 educational hours (online, classroom, and field time), which includes a minimum of 12 hours in the field.
- **Required Reading and Online Work:** Read the entire *UC Climate Stewards Handbook*, complete six (6) online course modules, and complete assigned homework.
- **Class Attendance and Field Trips:** Participants must attend all Wednesday evening classes. If an evening class is missed, the participant will be expected to complete make-up activities on their own time at the direction of instructor. Please talk to Cathy if you are going to miss a class. **Only one evening class can be missed.** Participants will attend an engage in a minimum of 3 group guided field trips. If guided group field trips are missed or you cannot attend, you will have to make it up

by completing a field trip(s) independently and provide a brief write up. Please talk with instructor for guidelines on independent field trips.

- **Capstone Project:** Participants are required to complete a Capstone Project in one of six areas: Community Resilience and Adaptation, Environmental and Climate Justice, Conservation/Restoration (Stewardship), Participatory Science, Education/Interpretation, or Program Support. The Capstone Project provides an opportunity for participants to integrate their own personal interests with the in-class material toward the development of an applied work project done in conjunction with a community organization. Participants must get pre-approval for Capstone Projects in the first 3 weeks of the course. Participants are encouraged to work in teams when appropriate. Participants will deliver an individual or group capstone presentation (5-10 minutes long per person). Participants are expected to spend a minimum of 8 hours on the capstone project. Participants are required to add hours spent on the Capstone Project into the volunteer California Naturalist Volunteer Portal <https://apps.ideal-logic.com/ucanr>. Participants will be sent an invitation to the volunteer portal the second week of class. and will add hours spent on the Capstone Project into the volunteer management system. Further guidance on the Capstone Project will be discussed during class time and office hours will be available for further guidance.
- **Class Participatory Science Project:** Each participant must contribute to the participatory science project adopted by the class. Our class participatory science project is (iSeeChange.org or volunteer science project with Stewards of the Coast and Redwoods)
- **Evaluation:** Completion of the online post-course evaluation survey is critical for the ongoing success and improvement of the course. You will be provided with a link to the evaluation survey toward the end of the course.
- **California Naturalist Program Volunteer Portal:** Participants will be provided with an online account to track their volunteer hours as a certified UC Climate Steward. Participants are required to enter the 8 volunteer hours spent on their Capstone project into the UC Volunteer Portal <https://apps.ideal-logic.com/ucanr>. Tracking volunteer hours is an essential way to prove need and impact of UC Climate Stewards.

### Required Text

- Climate Stewardship: Taking Collective Action to Protect California, Adina Merenlender with Brendan Buhler. (Must be purchased by participants.)

### Recommended supplemental reading

- The Thinking Person's Guide to Climate Change, Robert Henson.
- Saving Us Katharine Hayhoe
- All We Can Save Ayana Elizabeth Johnson, Katharine Wilkinson, et al.
- Tending the Wild M. Kat Anderson
- Taking the War Out of Words Sharon Strand Allison
- Intersectional Environmentalist

A couple of recommended books on framing:

- Don't Think of An Elephant, George Lakoff

- The Culture Code, Clotaire Rapaille

### Course Materials

- **Required:** Access to internet connected computer or phone and an email account for communication, online course materials, and Volunteer Management System access. *Please notify the instructor immediately if you do not have an e-mail account.*
- Course content is accessed through the Canvas Learning Management System <https://login.uconline.edu/stewards/>.
- If class is attended virtually internet connected device with video camera and microphone are required to participate in zoom based virtual class meetings.

### Recommended Resources

- **CalNat YouTube Channel:** View videos from UC Climate Stewards conferences, meetings, and more.  
*Url:* <https://www.youtube.com/channel/UCGBYG5ShV4VDiUiRbEmmObg>
- **CalNat Mapping Tool:** UC California Naturalist Program provides a GIS-based map-producing tool you can use for both content delivery and logistics. Choose from multiple base maps and layers to explore bioregions, compare and contrast field sites, create maps to field trips and capstone projects and more.  
*Url:* [http://calnat.ucanr.edu/Resources/CalNat\\_Maps/](http://calnat.ucanr.edu/Resources/CalNat_Maps/)

### Volunteering and the Volunteer Portal

Volunteering: Participants are encouraged to complete at least 40 hours of volunteer service each year and add it in the UC volunteer portal. Pins are awarded each year for participants who meet this goal, and the pin designs differ from year to year.

- Volunteer activities must relate to climate communication, education, interpretation, mitigation, adaptation, or community or ecosystem resilience, occur in California, be sponsored by an organization, and be unpaid or part of a subsidized workforce development program (e.g., CCC, NFF, AmeriCorps).
- Your 8-hour capstone project will count toward your first year's volunteer hours recorded in the UC Volunteer Portal. A welcome e-mail will be sent to you after instructors add your information into the volunteer portal. You will be provided with a username and password in the introductory e-mail after the start of the class. Notify your instructor if you do not receive that e-mail by the 2<sup>nd</sup> week of class
- The volunteer management system website is <https://vms4.ucanr.edu/>.
- The UC Volunteer Portal website is <https://apps.ideal-logic.com/ucanr>.
- Online help with the UC volunteer portal and commonly used features can be found here: Volunteer Portal Help - UC California Naturalist (ucanr.edu)  
*Url:* [http://calnat.ucanr.edu/Resources/VP\\_Help/](http://calnat.ucanr.edu/Resources/VP_Help/)

### Course Credit

Upon completing certification requirements, participants are eligible for academic credits through UC Davis Continuing and Professional Education for an additional nominal fee. Graduates who expressed interest in this opportunity with their instructor will receive a

communication from the UC California Naturalist Program post-course with information on how to obtain the optional credits.

### **Homework Policy**

All homework assignments are due according to the date posted in Canvas. Each homework unit is due prior to the start of our class discussion for that unit (by midnight the night before our Saturday class). All homework should be submitted through Canvas. It is the student's responsibility to complete all assignments on time. If there are extenuating circumstances, it is the student's responsibility to contact the instructor to make individual arrangements. If students have difficulty using the Canvas portal or submitting homework, contact your instructor as soon as possible

### **Attendance Policy**

Participants must complete of 40 hours of instruction during the class. Participants must attend all Wednesday evening classes. If an evening class is missed, the participant will be expected to complete make-up activities on their own time at the direction of the instructor. Please talk to Cathy if you are going to miss a class. Only one or 2 evening class sessions can be missed if arrangements are made with to make up the missed sessions. Participants that miss more than 2 classes are not eligible for the UC Climate Stewards certificate. Because of the unique aspects of field trips, participants are recommended to attend all field trips. In the case that you cannot attend field trips, participants will be able to arrange alternative options at the discretion of the instructor

### **Cancellation Policy**

Registrants may cancel up to two weeks before the first day of instruction for a full refund, minus a \$50 administrative fee. Registrants that can successfully refer another student to replace their spot in the course prior to the first day of class will receive a full refund. Registrants that experience a verifiable medical emergency personally, or in their family, between the two weeks of class before and after instruction has begun may re-enroll in the following year's course at a 50% discounted rate, with priority for early registration. No other cancellations, for any other reason, will result in a refund.

### **Instructional Methods**

The course will integrate a range of instructional methods including online modules, presentations, peer-to-peer discussion, small group activities, hands-on and inquiry-based activities, experiential learning. Requests for reasonable accommodations for disabilities or limitations should be made prior to the date of the program or activity for which it is needed. Please make such requests as early as possible by contacting Cathy.

### **Statement on Inclusion and Accommodations**

If you have a learning or physical need that will require special accommodations in this class you will need to notify your instructor in writing of your accommodation needs. Please notify at least 30 days prior to the first class if you require any special accommodations. This will allow us ample opportunity to provide suitable accommodations. We make reasonable accommodations for persons with documented disabilities. Materials will be available in alternate formats (Braille, audio, electronic format, or large print) upon request.

### **Statement on Financial Accessibility Cost**

Students are responsible for course fees and the purchase of suggested books. Students are also responsible for costs associated with any travel, meals and equipment. Scholarships to reduce the cost of course program fees will be available on a limited basis depending upon need

Meeting Number	Date	Topic/Subject (instructional activity) (Reading/Assignments Due) (clarifications on this syllabus component)	Speaker (Title & Affiliation) Local Focus for the Week
1	8/17/22	<b>Introductory Webinar Class Meeting (Welcome/Introduction Activity)</b> (this should be the date that the meeting occurs on)	
	Preparation for 8/24/22	<b>Online Component Unit I – Community Connections</b> (the online material is intended to be assigned in-between class meeting, it is good to make it clear that this work is intended to be completed before the next meeting)	
2	8/24/22	<b>Zoom In-person Component Unit I – Community Connections Class Meeting</b>	Justin and Hollis: Overview to Stewards of the Coast and Redwoods and Programs
	Preparation for 8/31/22	<b>Online Component Unit II – Interpretation/Communication/Education</b> <b>Respond to email invitation by creating an account in the UC Volunteer Portal</b>	
3	8/31/22  6:30 - 8 pm	<b>Zoom In-person Component Unit II – Interpretation/Communication/Education</b>  <b>This class will end early ~ 8 pm.</b>	Greg Litten. Interpretive Park Ranger, Climate Communicator at Redwood National and State Parks.  <a href="https://www.linkedin.com/in/rangergreg/">https://www.linkedin.com/in/rangergreg/</a>
	Preparation for 9/7/22	<b>Online Component Unit III – Climate in Context, Part 1, Week 1</b> (this is one of the larger and more involved units, we recommend this spans two weeks before meeting in-class to discuss so the students have plenty of time to work on the material)	
4	9/7/2022	<b>Zoom Online Component Unit III – Climate in Context, Part 1, Week 2.</b>	Eliot Freutal. UC ANR. Community Education Specialist. Strategic Framing for Climate Communication
	9/10/22	<b>Field Trip #1 (Details Below)</b>	Jackie Sones; Beachcombing, Tidepools and Hole in the Head. Location TBD
5	9/14/2022	<b>Zoom In-person Component Unit III – Climate in Context, Part 1</b>	Hollis Bewley. Stewards of the Coast and Redwoods President of the Board of Directors and Program Chair. Tidepools and Climate Change.

			<a href="https://stewardscr.org/events/tales-from-the-tidepools/">https://stewardscr.org/events/tales-from-the-tidepools/</a>
	Preparation for 9/21/22	<b>Online Component Unit IV – Climate in Context, Part 2, Week 1</b> <i>(this is one of the larger and more involved units, we recommend this spans two weeks before meeting in-class to discuss so the students have plenty of time to work on the material)</i>	
	9/17/2022	<b>Optional Event – Ocean Dance</b> This event does not count toward field trips. It is a cultural event that anyone can attend.	Pomo Dancers 2 pm Southside Carlevaro Way, Bodega Bay
6	9/21/22	<b>Online Component Unit IV – Climate in Context, Part 2, Week 2</b>	
	9/24/22	<b>Field Trip #2 (Details Below)</b>	Ryan Klausch State Parks Austin Creek Fire Ecology
7	9/28/22	<b>Zoom In-person Component Unit IV – Climate in Context, Part 2</b>	Scott Montgomery, Geoscientist, and affiliate faculty member in the Jackson School of International Studies, University of Washington. Talk on Global Energy.  Nick Touran. Nuclear engineer, clean energy activist. Talk on Nuclear Energy. <a href="https://partofthething.com/">https://partofthething.com/</a>
	Preparation for 10/5/22	<b>Online Component Unit V – Community Resilience</b> (Distribute Course Evaluation link)	
8	10/5/22	<b>In-person Component Unit V – Community Resilience</b> Evaluation link provided at the end of class	Greg Ira, Director, UC California Naturalist Program Adaptation, Mitigation, & Resilience: Identifying systematic, equitable & participatory stewardship actions
9	<b>TBD if No Class</b> 10/12/22	<b>Unit VI - Capstone Preparation. This session will be used for group discussion and office hours to cover questions regarding capstone</b>  <b>Complete Course Evaluation using course start date – 08/17/2022</b>	<b>TBD Skip 10/12/22 zoom in-person class in lieu of field trip. This class time will be dedicated to discussion and office hours.</b>



10	10/15/22	<b>Field Trip #3 (Details Below)</b>	Sonoma Water Agency with David Berman
	10/19/22	<b>In-person Unit VI - Capstone Presentations Preparation</b> (Course Evaluations) <b>Confirm with Instructor that you completed the online course evaluation</b>	Speaker TBA
	11/2/2022 and 11/9/2022	<b>In-person Unit VI - Capstone Presentations</b>	

## Course Schedule

**Field Trip Schedule** (Detailed schedules provided the week prior to each field trip.) Dates subject to change and locations are subject to change. All in-person field trips can be replaced with self-guided

<b>Wk</b>	<b>Date</b>	<b>Subject/Topic</b> <b>(time, emergency contact)</b>	<b>Mtg. Location/Time</b> <b>(map link)</b>	<b>Speaker</b> <b>(Title &amp; Affiliation)</b>
4	9/10/22	Tidepools, 10 am (time, emergency contact)	Campbell Cove, Hole in the Head (Map link)	Jackie Sones
6	9/24/22	Fire Ecology (9 am, emergency contact)	Austin Creek, Armstrong Redwoods (Map link)	Ryan Klausch
9	10/15/22	Watersheds (time, emergency contact)	Sonoma Water Agency (Map link)	David Berman

UC CLIMATE



STEWARDS

# Certificate of Achievement

This certificate is presented to

**Jaime Smith**

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In recognition for completing the required coursework for

## UC Climate Stewards

**Nov 9, 2022**

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*Date Awarded*

**Gregory C. Ira**

*Director, UC California  
Naturalist Program*

**Stewards of the Coast &  
Redwoods (OAEC)**

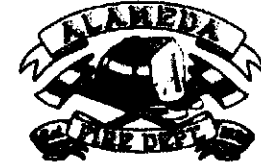
**UNIVERSITY OF CALIFORNIA**  
Agriculture and Natural Resources

California Naturalist Program



# ***City of Alameda Fire Department***

## **Community Emergency Response Team**



**JAIME SMITH**

*This certificate is presented in recognition for having successfully completed the City of Alameda Community Emergency Response Training Course on May 11, 2019 with a total of 20 hours of classroom instruction and field training. This voluntary participation demonstrates a personal commitment to emergency preparedness and service to the community.*

A handwritten signature in cursive script.

Captain Sharon Oliver  
CERT Program Manager

A handwritten signature in cursive script.

Fire Chief Edmond Rodriguez  
Alameda Fire Department