

## Climate Solutions Program Offerings

**Directions:** Check out the offerings below. Let your Dean and/or the designated contact person for your college know what you would like to participate in so they can submit 1 application on behalf of the college. Applications are due Oct. 31, 2023. [Check out the website](#) and fiscal guidelines for more details.

**Background:** The SBCTC received 1.5 million to initiate the Climate Solutions Program. This program is focused on integrating climate solutions education across the curriculum, coordinating green workforce development, and making our colleges more sustainable. In 2022-2023, the Climate Solutions Program has created the following offerings and college allocations to support leadership development, curriculum development, relationship building, and networking opportunities.

Details on these offerings are summarized below.

- Workforce Sector Retreats focused on green workforce training needs and emerging technologies
- Facilities & Sustainability Directors Retreat
- Climate Justice Across the Curriculum—Train-the-Trainer Program
- Climate Solutions Projects for Students: Curriculum Sharing Workshops

### Workforce Retreats:

- 6 available slots per college
- Faculty can choose which retreat best suits their interest.
- Travel for all participants and adjunct participation stipends (\$800) are provided.
- \$5000 per retreat is provided to support the campus team in integration work before and after the retreat.
- Meals and lodging are covered by the SBCTC.
- Field trips are included.

These are 2-day overnight events where faculty will learn from industry leaders, engage in field experiences, and learn from each other. The focus will be on emerging technologies and practices that support climate solutions, green workforce development and training needs in these sectors, and models for integrating sustainability concepts throughout the professional technical curriculum. These events will close with shared visioning for training and workforce development in these sectors and assessing needs for updating existing programs (inclusive of new curriculum, equipment, or partnership building) to meet these shifting training needs and competencies. Faculty are welcome to attend whichever retreat they feel best represents their sector training interests regardless of their discipline or program. Dates and locations are TBD.

1. Built Environment (Construction and HVAC) (March 2023)
2. Energy, Manufacturing & Transportation (April 2023)
3. Agriculture & Natural Resources (May 2023)

### Facilities Directors & Sustainability Director/Coordinator's Retreat

- 2 available slots per college, ideally this is a facilities director or other facilities representative along with the sustainability director or sustainability coordinator/leader/council chair etc. This is open to facilities staff and faculty who serve in these (or related) capacities and are interested in this work.
- Travel and preparation/follow-up funds (\$5000) are provided.
- Meals and lodging are covered by the SBCTC.

- Field trips are included

This event will be held in Leavenworth, WA. Date TBD.

This is the beginning of a longer strategic planning effort and is a retreat style 2-day event for facilities directors and sustainability directors/coordinators to convene to discuss the possibility of creating a statewide Climate Action Plan. The goal of a statewide Climate Action plan is to have a coordinated effort that equitably supports each college in our system in coming into code compliance with new legislation as well as in integrating sustainability practices throughout our operations and reducing our collective carbon footprint. This will be a chance to listen to each other's needs, to network and share successes, engage in shared visioning, and then map out next steps for coordinating campus level strategies into a statewide action plan.

## Climate Solutions Projects for Students: Curriculum Sharing Workshops

- 6 available slots per college, but let us know if there is more interest; we may be able to accommodate
- Stipend: \$300 for tenured/tenure-track, \$400 for Adjuncts
- These are open to all faculty, including professional technical faculty.

### **CO2 Monitoring Student Research Project**

Faculty will learn how to use CO2 monitors for student led research and how to support students in asking justice related research questions as they monitor the air quality of their communities. Each faculty member will get 1- 2 carbon dioxide monitors, curricular resources, and support creating an implementation plan. This is an engaging research project appropriate for all levels of students to begin asking questions about CO2 concentrations and emissions in their communities.

### **Zines**

Faculty will learn how to support students in creating climate justice and climate solutions focused self-published magazines (Zines) to support literacy, communication, research, and civic action learning outcomes. Faculty will get a Zine project curriculum developed in English 101, that is easily adapted to any course. This is a great adaptable project that celebrates student creativity, choice, and voice.

### **Integrative Assignments**

Faculty will collaborate with two other faculty members outside their discipline to create an integrative assignment based off a template and list of resources related to climate solutions and social justice during the workshop. They will then commit to implement it in each of their courses. This is a great opportunity to share and collaborate with colleagues and bring in equity-based interdisciplinary content that is supportive of diverse students and integrative learning outcomes. It is also a model that scales to connect multiple classes across campus and can be a way to create a shared student experience around a central theme. At Seattle Central, hundreds of faculty have used this model and found innovative ways to create community around a common theme and interdisciplinary content that is meaningful for students. The integrative assignment has become one of their requested course features due to its success in engaging students across courses. Three-person faculty teams are recommended for this workshop.

## Climate Justice Across the Curriculum Train-the-Trainer Program

- These trainings will occur online in Winter (for trainers) and Spring Quarter (for trainees) 2023.
- In this first year, this opportunity is open to 10 colleges.
- Lead stipends (\$8000 each) and (\$1000 each for faculty participant stipends in Spring)
- \$5000 to continue the work

### **Description:**

We will be training two Climate Justice Leads, one from STEM disciplines and one humanities or social science disciplines, at each college to be faculty leads and professional developers on their campus. In this train the trainer model, these leads will be trained as a class of 20 faculty from across the state in Winter Quarter. Then in Spring Quarter, each pair of leads will host a curriculum development workshop series for 10 faculty on their campus who will each create a climate justice module to implement in their course. There are continuing the work funds for continued professional development, engaging community-based organizations, or curriculum development.