Bonnie Reiss Carbon Neutrality Initiative (CNI) Fellowship Application 2020-21

The purpose of the Bonnie Reiss Carbon Neutrality Initiative (CNI) Fellowship program is to engage and energize students’ interest in supporting, innovating and operationalizing the UC Carbon Neutrality Initiative---and its work toward meeting UC’s carbon neutrality goals. This is the first year that UC San Diego Health, with UCOP funding, is also accepting applications for a Health CNI Fellowship program. This fellowship will engage within UCSD academic medical centers toward best practices, policies and technology to achieve carbon neutrality---and to advance teaching, practice, and research in climate change, sustainability, and their links to human health.

The overarching goal of the UC President Janet Napolitano’s Carbon Neutrality Initiative is to commit the University of California system and all campuses to emit net zero greenhouse gasses from its buildings and vehicle fleet by 2025, and net zero emissions from all sources by 2050. To ensure that students are engaged in this critical effort, the President created the UC Carbon Neutrality Initiative Fellowship Program for undergraduate and graduate positions dedicated to supporting UC Carbon Neutrality Initiative, the UC Global Climate Leadership Council, and their related efforts at each UC campus and medical center.

The 2020-21 Health CNI Fellows will develop and deploy a Green Certification Program for UC San Diego Health medical centers, and include two interrelated student roles:

1. **Climate Action Fellow:** Climate Action Fellows work on projects focused on the initiative (see full description below)

2. **Student Engagement Fellow:** Student Engagement Fellows lead engagement and communications efforts for the initiative (see full description below)

Each of the two Fellows will receive a $4000 stipend to be disbursed evenly (1/3 of award amount) over fall, winter and spring quarters. The fellowship will also have access to a budget of $1000 for engagement and education programming, administered by the UC San Diego Health Sustainability Department. The recipients are expected to be in good academic standing and remain registered during the award period. The fellowship will begin with a virtual orientation on July 7, 2020. The fellows are expected to spend approximately 8-10 hours per week during the instruction period each quarter, with work being completed by end of spring quarter instruction. There is no academic credit associated with this fellowship.

**System-wide participation:**

Absent exceptional circumstances, all CNI Student Fellows are required to attend the following system-wide events. Note: due to the current national pandemic, the dates and logistics of near term activities may change.

- Virtual orientation on July 7, 2020. This orientation will bring together both the incoming and outgoing Global Food Initiative (GFI) and Carbon Neutrality Initiative (CNI) student Fellows
- Leadership retreat for Engagement Fellows November 13-15, 2020
• Spring field trip in 2021
• Closing symposium and poster presentation to be held in conjunction with the CA Higher Education Sustainability Conference (CHESC) in July 2021
• Additional activities may include quarterly conference calls, attendance at meetings of the CNI leadership, and participation in other CNI-related activities in support of the initiative

**To Apply**

Save the application below to your computer, open the application, type in your information, and then enter your electronic signature. Click SAVE AS, and forward to scholarships@ucsd.edu by July 6th, 2020.

Use the following naming convention: lastname_firstname_HealthCNI-20-21.pdf.

Applicants will receive an email confirming receipt of the application. Dependent on when selections are finalized recipients will receive an additional email regarding the status of their application in the hope that incoming Fellows are notified in time to attend the July 7, 2020 virtual orientation. **Remember to provide your electronic signature at bottom of the last page.**

**Questions?**

Contact Barbara Hamilton, Sustainability Officer, UC San Diego Health, at blhamilton@health.ucsd.edu or 760-717-6627
1. **Climate Action Fellow: Green Certification Program**
   Development & Implementation

**Brief Project Description:**

Review existing Green Certification Programs from UCSD and UCSF, and best practice, to use as template to develop customized assessment to certification program for UC San Diego Health, starting with two focused evaluation types:

- Green Office
- Green Clinic/Unit

UC San Diego Health is in the early stages of our sustainability journey, but our staff has made it clear that they are eager to “green” our operations in support of the UC Sustainable Practices Policy and Sustainable Procurement Guidelines. Throughout the medical centers, we have broad interest in reducing waste, saving energy, protecting water quality, providing wholesome foods, reducing hazardous chemicals, and ensuring that our intensive 24/7 operations to provide excellent healthcare does not add to health, environmental and social problems in the communities we serve.

Green Certification programs, targeted to our medical centers, will allow a broader base of participation across our operations. In addition to achieving environmental sustainability goals, this certification program is an opportunity for greater financial savings and staff engagement, too. An implementation strategy that is developed in collaboration with the academic campus will provide real-life learning opportunities by engaging student workers to deploy the Green Certification programs over time: conducting evaluations, preparing recommendations, presentations, recognition, and follow up under the supervision of the UC San Diego Health Sustainability Office.

**Skills needed for the project:**

Program analysis, evaluation, collaboration, initiative, excel spreadsheet

**Skills desirable for the project:**

Data collection and reporting, understanding of sustainability and/or sustainable healthcare

**Timeframe for completion/number of hours:**

Ten months Sept 2020 – June 2021

**Description of specific on-site work necessary (as safety allows):**

Evaluation of clinic, department and office spaces, presentations

**Description of specific off-site work necessary:**

Evaluation of existing Green Certification programs and spreadsheets, best practice research, phone and email communication with relevant staff, program content customization, implementation plan. Coordination with CNI
Engagement Fellow, providing content for web page, input on student worker implementation plan, education and outreach in support of Green Certification programs.

**Expected deliverables/value of end product:**

Weekly meetings initially with the Sustainability Officer. Two mid-course check-ins. Green Certification questionnaires for 1. Office and 2. Clinics/Units, supporting CNI Engagement Fellow with implementation and engagement plans for evaluation, certification and recognition process. Final project poster, UCOP CNI deliverables, and a 250 word article for our website.

2. **Student Engagement Fellow: Green Certification Program**

**Communication & Engagement**

**Brief Project Description:**

Develop web page, aligning content look with engagement and educational collateral materials for UC San Diego Health Green Certification programs. In coordination with CNI Climate Action Fellow and UCSD academic campus Sustainability staff, define an engagement and implementation plan for student workers to support and deploy program certifications for the two focused evaluation types:

- Green Office
- Green Clinic/Unit

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**Skills needed for the project:**

Webpage development, graphic development, project presentation, communication skills, coordination

**Skills desirable for the project:**

Knowledge of social engagement, tracking progress, understanding of sustainability and/or sustainable healthcare
Timeframe for completion/number of hours:

Ten months Sept 2020 – June 2021

Description of specific on-site work necessary (as safety allows):

Evaluation of clinic, department and office spaces, presentations

Description of specific off-site work necessary:

Develop content layout for web page, collaboratively create a student worker implementation plan, education and outreach in support of Green Certification programs

Expected deliverables/value of end product:

Weekly meetings with Barbara Hamilton, Sustainability Officer. Two mid-course check-ins. Green Certification web page on Pulse/Sustainability, collateral materials design, collaborative student-worker implementation plan. Final poster project, UCOP CNI deliverables, and a 250 work article for our website.
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First Name: ________________________________  Last Name: ________________________________

PID#: ___________________________  Email: _______________________________________

CNI Fellowship applying for:
_____ Climate Action Fellow
_____ Student Engagement Fellow

Current UCSD Student Level:
○ Undergraduate Student --- Expected Graduation Year ______________
○ Master Student
○ Ph.D. Student
○ Other _____________________________________________________

Major --- Field of Study: _______________________________________________________________

Minor --- Field of Study: _______________________________________________________________

Faculty Mentor or Graduate Faculty Advisor Reference
Please supply the name and contact information for a UCSD Undergraduate Faculty Mentor or Graduate Faculty Advisor who can serve as a professional reference. There is no need for your reference to provide a letter. By providing the faculty name and information, I give permission for the reviewers to contact and verify as needed.

UCSD Faculty Name: __________________________________________________________________

Title: _______________________________________________________________________________

UCSD Department or Program Affiliation: _______________________________________________

Email: ____________________________________  Work phone number: _________________________
Please respond to each of the questions below.

1. Describe your experience working on projects that advance carbon neutrality and/or sustainability.

2. Describe experience you have communicating with students and/or co-workers about carbon neutrality, climate change, and sustainability.

3. Describe your skills, abilities, and knowledge that support your application for this fellowship.

4. Provide your educational and career objective and how selection for this fellowship would further your goals.
5. Please provide any additional information that would support your application for this award.

**Electronic Signature**

With my signature below, I confirm that all of the information submitted in this application is correct, and I give permission to the selection committee to access my academic records maintained by UC San Diego.

____________________________                               _____________________
Electronic Signature (Type Full Name)                                                             Date

[health.ucsd.edu](http://health.ucsd.edu)