

Spring Welcome: *Year in Review*



**PROGRAM ON
CLIMATE CHANGE
UNIVERSITY OF WASHINGTON**



Goals of the PCC



1. Catalyze interdisciplinary natural climate research
2. Educate the next generation of climate scientists
3. Serve as a community resource on climate science and solutions



**PROGRAM ON
CLIMATE CHANGE**
UNIVERSITY OF WASHINGTON

PCC aims to bring together natural scientists working on climate science across campus to facilitate interaction, ignite interdisciplinary research, and strengthen interdisciplinary activities

With its roots in the natural sciences, PCC branches out to applied and social sciences research on campus.



PROGRAM ON
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PCC Board Members (2022-2023)



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Ex-Officio

James Murray (OCEAN)

Graduate Student Representatives

Steffen Coenen (CEE)

Zachary Espinosa (ATM S)*

Andrea Richter-Sanchez (SMEA,
graduated W 2023)

3rd year of Climate Justice Workshop

Strategies for incorporating issues of climate justice into our courses

Funded by the PCC, PoE, and the College of the Environment

~30 UW instructors trained over 3 years

Participants create curriculum that is shared widely

Developed by UW ATM S alumni Heather Price

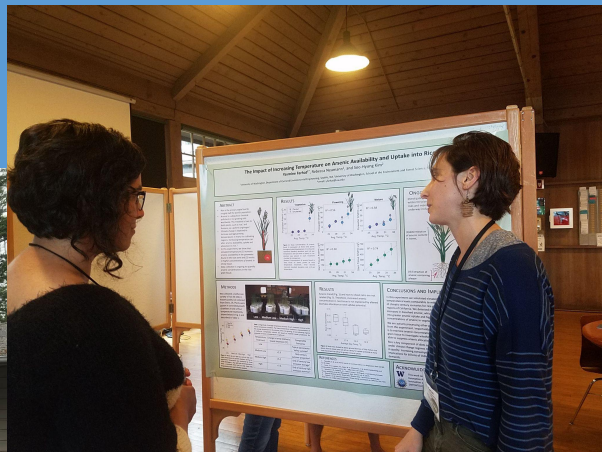
Facilitated by Alex Turner in 2023

C-JUSTICE

Climate Justice in Undergraduate STEM Incorporating Civic Engagement



2022 Summer Institute at Friday Harbor Labs: Pathways to Net Zero



2023 Potential SI Themes

September 11-13

Pick Two Favorite-vote tally will be brought to Spring PCC Board Meeting for final discussion.

All SIs should include discussion of uncertainty, vulnerability and justice

- Climate change at the poles, Causes and Consequences
- Changing climate extremes under global warming: Causes, consequences, and controversies
- Geoengineering: the promise and peril of engineering the climate*
- Using the paleoclimate record to understand the future: When and how does the proxy record help us constrain modern climate change?*

*leads are available in future years

The PCC Graduate Steering Committee (P-GraSC)

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- > Represents the **diverse needs and perspectives** of the PCC **graduate student community** to the PCC, incl. its Board
- > 6 subcommittees:
 - ACORN
 - Bylaws
 - Public Engagement
 - Spring Symposium
 - University Engagement
 - Undergraduate Cohort

More info!



SCAN ME

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The PCC Graduate Steering Committee (P-GraSC)



The Schooner Series

Beer & climate talks
from graduate students to the public



SCAN ME

Recent blog post!

SCHOONER SERIES



BEER & CLIMATE
CONVERSATION

SOLUTIONS TO CLIMATE CHANGE: UW GRAD STUDENTS IN HOT PURSUIT



MARCH 8TH, 6-7:30PM
BICKERSONS BREWHOUSE
1514 LEARY WAY NW, BALLARD



Climate Risk & Scenario Modeling:
Articulating Impacts
Sam Shugart

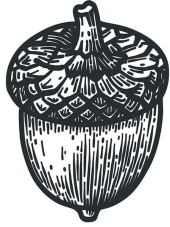
Path to Decarbonization:
Washington State's Transition
to 100% Renewable Energy
Annalise Stein

Restoring our Ocean's Secret Weapon;
a Deeper View into Seagrass Restoration
and Population Resilience
Christine Nolan



PROGRAM ON CLIMATE CHANGE

The PCC Graduate Steering Committee (P-GraSC)



ACORN

Actionable Community-Oriented
Research eNgagement

Address climate-
and energy-related
community
priorities

Expand student
networks, training
opportunities, and
experiences

> How does it work:



1. Community Members propose a project with a clear goal and are connected with a graduate by the PCC

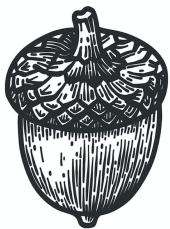


2. Student and Community develop project plan with reasonable time commitment (e.g. 12 hrs/month)



3. Collaborators complete project, assess results, and share their story in a PCC blog post or Grad Student Seminar

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ACORN

Actionable Community-Oriented
Research eNgagement

Project Examples



THE NORTHWEST
SEAPORT ALLIANCE

SEATTLE + TACOMA



Washington State
Department of
Commerce

Clean Energy
Transition Institute 

- Project 1 - Assess climate goals of major port customers and NWSA
- Project 2 - Understand NWSA contribution to environmental health disparities in communities
- Estimate potential emissions impacts of demand response programs in WA to inform state targets and motivate consumer participation
- Update the Northwest Clean Energy Atlas to communicate about clean energy initiatives in the PNW

<https://pcc.uw.edu/research/acorn-program/>

Interested?
Have any ideas?



Or email us at:
pccacorn@uw.edu

The Climate Science Minor

What is it?

A place to explore diverse aspects of climate science through an interdisciplinary lens

Who is it for?

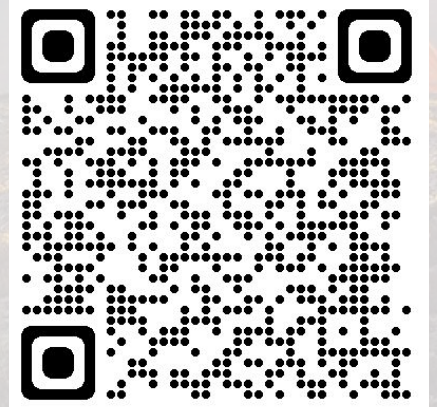
Any undergrad who wants to understand climate science from a broad perspective!



How can I get involved?

Contact Miriam Bertram
at uwpcc@uw.edu

Check out our website for requirements and FAQs:



The PCC Undergraduate Cohort

Past Events

Finding Research
Opportunities as
Undergrads
Seminar

Professional
Development
Workshop

Climate Hope
Stories Event

Climate Jeopardy!



UCo is a community for undergrads to engage with professional development, climate science experts, and fellow undergrads, helping strengthen and embolden the next generation of climate scientists at the UW through quarterly events, access to resources, and more!

Get Involved!

Email:

uwppccuco@gmail.com

Instagram:

@uwppccuco

Listserv:



Current Research in Climate Change Seminar

Spring 2023 : Climate Solutions

Tuesdays: 3:30-4:50 OCE/OSB 425 In person

OCEAN/ATM S/ESS 475 and 586

Instructor: LuAnne Thompson



April 4 Charlie Donovan, Visiting Professor UW Foster School of Business, ***Can the private sector deliver on climate finance?***

April 11 Celina Balderas Guzman, Landscape Architecture, ***Coastal Nature-Based Solutions for Sea Level Rise***

Join the PCC listserv!

<https://pcc.uw.edu/about/get-involved/listserves/>

pccgrads --

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To see the collection of prior postings to the list, visit the [pccgrads Archives](#).

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You can subscribe to the list, or change your existing subscription, in the sections below.

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