



KENAN INSTITUTE

ENGINEERING, TECHNOLOGY & SCIENCE

NC STATE UNIVERSITY

2024 Climate Leaders Program Request for Applications

Prearranged Internship
Placement Descriptions

NC STATE UNIVERSITY

The KIETS Climate Leaders Program (CLP) has partnered with several locations to establish prearranged internship opportunities. As part of the CLP application process, student applicants can choose to apply for a self-proposed internship position and/or they can apply for as many of the prearranged placement opportunities as they wish. This document describes each of the internship opportunities prearranged for the 2024 CLP cohort.

Pre-arranged internship opportunities for the 2024 cohort included in this document:

- Bipartisan Policy Center
- Citizen's Climate Lobby
- Core Sound Waterfowl Museum & Heritage Center
- North Carolina Coastal Federation
- Raleigh Stormwater



BIPARTISAN POLICY CENTER

BPC Energy Team Internship Program

Description of work:

BPC offers paid internships during the fall, spring, and summer terms. Throughout the internship program, students get the chance to deeply engage with policy research, attend BPC and other local events, and witness policy development in the nation's capital.

Qualified candidates will be highly motivated and energetic self-starters. Interns will assist individual projects and workstreams in several capacities and should be enthusiastic about working on a variety of tasks. Interns provide administrative support, assist with events and meetings, conduct research and assist with the development and writing of blogs, white papers, reports, and other educational material. While interns work closely with their project teams, there are also opportunities to learn from and be exposed to the wide range of issues addressed by the organization.

The BPC Energy Team is focused on generating and advocating pragmatic clean energy policies through engagement with a broad set of stakeholders and experts from diverse political perspectives. We are working to forge coherent, evidence-based, and effective federal policies to responsibly drive a transition toward a cleaner low-carbon energy mix while maintaining economic growth.

Intern responsibilities:

The intern will work directly with BPC's Energy Project team on analysis and research, event planning, monitoring news and congressional activity, blog writing, communications activities, and administrative support. The intern will help support the Energy Project's major initiatives in several possible areas, including:

- Net-zero greenhouse gas policy frameworks
- Power sector and industrial sector decarbonization policies
- Energy innovation, technology development, and commercialization programs
- Policies to help advance carbon capture and storage technologies, including direct air capture
- Opportunities for natural carbon solutions
- Development of an offshore wind industry in the US
- Responsible production of natural gas and petroleum
- Energy infrastructure and permitting modernization

Qualifications:

- Strong research and writing skills
- Ability to communicate clearly and effectively
- Strong organizational skills and the ability to prioritize and manage multiple tasks
- Interns must be rising juniors or above. The Energy Team typically takes on undergrad interns, but we have the capacity to take on a graduate student if it's an especially strong fit

Semester timing:

Fall & Spring:

Interns are encouraged to work 18-20 hours per week in the fall and spring, and usually spend 10 weeks with BPC. Some academic programs in DC require students to work more than our suggested hours. If that is the case, we typically allow it with prior notification.

Fall applications are due by mid-July. We usually select our fall interns by mid-August, and fall internships run from the Monday after Labor Day to the Friday before Thanksgiving.

Spring applications are due November 1st. We select our spring interns by late-December, and spring internships run from the Monday after MLK Day to the first Friday of May.

During the fall and spring semesters, the start/end dates for interns are flexible depending on their school/exam schedule but we encourage and prefer all interns to start and end on the same date. Start and end dates are pre-approved by their supervisor and the Recruitment and Internship Coordinator.

Summer:

Our summer interns work a full 40-hour week for 10 weeks. The summer internship period is more structured than our semester term.

In the summer the start/end dates are not as flexible, and it is strongly preferred that interns are able to start and end on the set dates. With prior notice, exceptions can be made.

Virtual or hybrid or remote:

Our Fall 2023 internship will be virtual with the option of hybrid work, and we anticipate this to be the case for internships going forward.

Stipend information:

During the fall and spring semesters, interns will receive a stipend of \$3,000. Applicants must currently be enrolled in an undergraduate or graduate program, or be a recent graduate. Fall and spring internship hours are flexible, but interns average 18-20 hours/week, allowing students to gain valuable experience while maintaining their regular class schedule.

Summer interns work full time and will receive a stipend of \$6,000 for ten weeks of work.

Summer interns also have the opportunity to win an additional \$1,500 by competing for our Bennett Award, which is awarded to two BPC summer interns at the end of the summer.



POSITION TITLE: Chapter Development Intern

ABOUT CCL: Citizens' Climate Lobby (CCL) is a non-profit, non-partisan, grassroots organization focused on the adoption of effective national, state, and local policies to address climate change. Our organization is volunteer based and organized by congressional districts. CCL staff train and support volunteers to build relationships with elected officials and the media to empower their own local communities, generate the political will for fair, effective, and durable climate solutions in line with science and political viability. CCL prides itself in its unique approach to educating elected officials on climate action, particularly bipartisan action. We build upon shared values rather than partisan divides, and by empowering our volunteers to work in keeping with the concerns of their local communities. This is how we work towards the adoption of fair, effective, and sustainable climate change solutions. For more information about Citizens' Climate Lobby, visit our website at www.citizensclimatelobby.org.

LOCATION: The internship will consist mostly of remote/virtual responsibilities but will include some in-person meetings and outreach activities at various locations around the Triangle.

SCHEDULE/TIME COMMITMENT: 20 hours per week for six months (specific timing and hours are negotiable).

AREAS of RESPONSIBILITY:

The internship can be customized to meet the interests of the student. Some position opportunities may include:

Student Outreach

- Conduct outreach on the NC State campus
- Identify key university contacts
- Recruit Campus Leaders and students to join CCL
- Interview Campus Leader applicants
- Support NC State Campus Leaders to start climate campaigns or a campus CCL chapter
- Hold semi-weekly calls with Campus Leaders

Grassroots & Grassroots Outreach

- Research local organizations and identify opportunities for outreach and collaboration
- Research colleges and university contacts
- Identify and help coordinate opportunities for tabling, speaking, showing a film, or similar
- Participate in local outreach activities such as tabling, film screenings, presentations
- Help with social media posts, newsletter, and other communications
- Assist with monthly group leader meetings

Policy Advocacy

- Write and submit LTEs to local publications (with support)
- Attend lobby meetings
- Attend (usually virtual) meetings with local climate-centered organizations
- Assist CCL's State Legislative Strategy panel with research to identify bills in the NC General Assembly to add to our state lobby agenda
- Make appointments with members of the State Legislature and/or Raleigh City Council
- Engage on social media with members of Congress and the NCGA

Regional Conference (depends on timing of internship)

- Assist with programming and speaker arrangements
- Assist with venue and logistics
- Create promotional materials
- Conduct outreach to recruit students to attend the conference
- Preparing materials before the Conference (including set up of conference material folders, name badges, and event signage)
- Helping check people in at the registration desk; welcoming attendees and answering questions
- Attending breakout sessions as a Room Monitor, which includes being the point of contact between the speaker(s) and the Conference Team, distributing handouts, helping with the Question & Answer period, and counting the attendees in each session

National Conference (depends on timing of internship)

- Intern has the opportunity to attend CCL's national conference in Washington D.C. with free registration

REQUIREMENTS:

- Interest in environmental advocacy, government or politics
- Excellent oral and written communication skills with attention to details and timeliness
- Phone skills to include upbeat tone and active listening abilities
- Excellent writing and communication skills, with a sharp attention to detail
- Ability to work collaboratively and meet deadlines
- Must be an NC State undergraduate or graduate student 18 years of age or older

BEFORE YOU APPLY:

We strongly suggest you register to join one of our Live Informational and Q & A Sessions before applying. The session will introduce our organization, what we do, and why your contribution matters! Keep in mind the session is not geared towards interns, but will give potential interns a better idea of what their duties and goals would be. Informational Sessions take place every Wednesday night at 5:00 PM Pacific, 8:00 PM Eastern. To register, go to: <https://citizensclimatelobby.org/join-weekly-intro-call/>

CCL is committed to creating a diverse environment and is proud to be an equal opportunity organization. All qualified applicants will receive consideration for this internship position without regard to race, color, religion, gender, gender identity, sexual orientation, national origin, disability, age, or veteran status.



Core Sound Waterfowl Museum & Heritage Center
Graduate and Undergraduate Internship Opportunities

Work Area: Down East Carteret County
Museum Location: 1785 Island Road, Harkers Island, NC 28531
www.coresound.com

MUSEUM OVERVIEW

The Core Sound Waterfowl Museum & Heritage Center was founded in 1992 as a 501C3 on Harkers Island located within the southern arm of the Outer Banks of North Carolina. Harkers Island is the largest of thirteen communities in eastern Carteret County's Down East region, a string of small, fisheries-based villages along Highway 70 and Core Sound, with populations ranging from less than 200 per community to 1200. The population of full-time residents among all these communities is dropping while the number of part-time retirement households rise.

The Core Sound Museum embodies the spirit of the founding families of this region with its staff and volunteer base primarily native or married into a local family so they are long-term residents. Museum exhibitions, archives, programs, events and projects reflect the *living* heritage of this region, using oral histories and artifacts to tell the stories of past generations as the common thread and shared foundation for the people of these changing landscapes.

The economy of this region has been undergoing a constant evolution from primarily water-based, fishing-dependent industries, to federal and state government employment after WWII, small business growth of the 60s and 70s, and most recently, tourism. Like other popular but fragile coastal ecosystems, the physical environment today is under much stress from sea level rise, over-development and land use policy that has failed to protect the area's most critical natural resources.

The Down East region of North Carolina today faces its greatest challenges in history as the physical landscape faces traumatic weather events and human destruction, the economy shifts from production to service and the traditional values are uprooted by a changing world that has now come to these once isolated villages and hamlets along the sounds of Carolina's coast.

The “sense of loss” among locals in this region is intense, especially now as the impacts of sea level rise are so evident on the landscape. Here, on the very edge of the continent, the threats are multi-layered and becoming more and more complex with each season. The isolation and independence that has allowed these peoples to survive and caused these communities to be so grounded in place have added to the complexity of addressing the environmental uncertainties of these fragile lands and threatens the cultural base of generations of bankers who have established their generations-old hold here on the edge. [<https://pulitzercenter.org/stories/tide-and-time-sea-level-rise-and-solastalgia-north-carolinas-outer-banks>]

From its inception, the CSWM&HC has become the crossroads of Down East traditional culture, its nature-based economy, the region’s rich maritime history, and its fragile environment. Now as this low-lying region is almost haunted by the very visible impacts of sea level rise in its acres of ghost forests, Down East has become a focal point for social science research and documentation from regional universities. The important role of internships that have emerged in partnership with these institutions are already serving as an important hands-on, community-based opportunity for students interested in coastal geology, environmental studies and other climate change related sciences, as well as interdisciplinary programs that link the science to the humanities, education and communication interests. Life in eastern Carteret County is already experiencing frequent flooding, the growing intensity of storms and direct impacts of a warming ocean on North Carolina’s commercial fishing industry, as well as a changing landscape of expanding wetlands and marshes landward that provides a wide range of project opportunities that would be beneficial to the Museum, the community and all our partners.

INTERNSHIP OPPORTUNITIES & POSSIBILITIES

Core Sound provides graduate and undergraduate students unique opportunities to “learn and serve” simultaneously. The CSWM&HC stands strong as a true community “heritage center” that reflects the community itself with deep generational ties to the land and the livelihoods that have defined this region. Engaging students in our climate change work is a vital need.

Areas of resilience work currently needed:

- Social science research through oral history reviews, surveys, interviews, and other information gathering on topics related to sea level rise and our changing environment to inform and direct future climate change efforts
- Climate communication projects to support the Down East Resilience Network’s goals for community education through various media tools, i.e. short documentaries, social media post series, podcasts, print publications
- Community engagement planning and support as Down East communities come to terms with current change and the need to learn more about adaptation and mitigation measures

- Curriculum and resource development for classroom teachers to use in climate change awareness across subject areas
- Data gathering in coordination with current programs such as the King Tide Project, Wetlands Watch and other community science-based collaborations would add to our local knowledge base and an internship project that facilitates local community members to become active in these projects would have long-term positive impacts, both for the current data benefits but in opening doors for the community to become involved.
- Combinations of these possibilities, along with ideas and interests of the student, would help shape the role of the intern in Core Sound's climate work during the time period of the internship.

INTERNSHIP QUALIFICATIONS

Candidates for Core Sound's internship should be a self-starter, organized, with a base knowledge of the related subjects according to the project developed in conjunction with CSWM&HC staff, university coordinators and the student. Effective communication skills will be vital. Flexibility and a strong work ethic will be important. An appreciation and respect for rural community members - and the challenges they are facing - will be at the most critical requirement of this internship experience.

INTERNSHIP ROLES

Responsibilities would be determined based on the interests, skills and experiences of the intern as well as the current projects underway with the Down East Resilience Network. The ability to multi-task, meet deadlines and work with others (staff, volunteers, community members of all ages) will be critical. Interns will be included in overall museum programs, projects and events as time allows. Our goal would be for the intern to become part of the museum community throughout the internship experience.

INTERNSHIP SCHEDULE

Interns would be welcome at any time during the calendar year. Our goal would be for the intern to spend as much time Down East as possible, but depending on housing (especially during the summer season) and other factors, a hybrid option would be the most likely structure for this internship experience. Core Sound will work with the student and the local community to identify potential in-kind housing and supplement with cost-share housing options as needed.



North Carolina
Coastal Federation
Working Together for a Healthy Coast

North Carolina Coastal Federation

When: 5/13-24 - 8/3/24

Where: Headquarters - 3609 NC 24, Newport (Ocean), NC 28570

Who: Undergraduate and graduate students interested in protecting and enhancing coastal natural environment and water quality

About the program:

The North Carolina Coastal Federation is a member-supported nonprofit environmental organization committed to protecting and restoring the North Carolina coast. This internship will occur over 12 weeks of the summer working alongside staff in our [headquarters office](#), located in Ocean, NC (near Newport) on the Crystal Coast. The exact timing of the internship is flexible, usually running from mid-May through the first week of August. This internship provides several exciting opportunities for a student to work with our established and successful organization on tangible projects. The intern will also learn about the inner workings of nonprofit management, including public relations, strategic planning, marketing, communications, fundraising and nonprofit governance.

Specific Objectives:

The North Carolina Coastal Federation is working with local communities to develop a Watershed Action Plan for the Newport River in Carteret County, NC. The goal of the plan is to improve water quality in the river and improve resiliency of the local communities. Partners from NC State University are conducting monitoring of various water quality parameters in the river to guide restoration efforts. The selected intern will aid the Federation in collecting and analyzing water samples from throughout the watershed for bacteria levels and other parameters.

The Federation will also be moving forward with wetland restoration of 1400 acres of timber land in the watershed. This intern has the opportunity to be involved in the design and permitting of this project. There are also significant research goals for this project including the monitoring of water levels and sediment loads from the site that will require some field work.

Additionally, the Federation is leading a Coastal Carbon Working Group to better understand how coastal ecosystems and restoration work to sequester or release atmospheric carbon. The intern will provide background research for this group as needed. The Federation would also encourage the intern to explore the use of the Federation's wetland restoration projects for creative carbon flux research.

General Internship Objectives:

In addition to project specific objectives listed above, this intern will join the Federation's other interns in a multifaceted summer program to learn about important coastal environmental issues and the primary goals of the Coastal Federation. A key part of our internship includes guest presentations and site visits with local, state and federal officials; private industry; other nonprofits and academia such as three local university marine labs and a National Oceanic and Atmospheric Administration facility. Interns will also be involved in coastal habitat restoration and protection workdays, education and outreach events, project site visits, and Federation-led professional workshops or meetings.



Raleigh Stormwater

Brief Description:

The City of Raleigh seeks an intern to work with Raleigh Stormwater to use methods being developed as part of the Green Stormwater Infrastructure to Mitigate Urban Heat Island project to identify and prioritize Green Stormwater Infrastructure projects. Additionally, this positions will help quantify the benefits of Green Stormwater Infrastructure in terms of greenhouse gas mitigation, water quality improvement, habitat improvement and flood reduction. This will specifically tie to Raleigh’s Community Climate Action Plan’s Resilience & Cross-cutting strategies and performance tracking efforts.

For more details about Raleigh’s Community Climate Action Plan, visit

<https://raleighnc.gov/climate-action-and-sustainability/services/community-climate-action-plan>.

For information about how the City of Raleigh is advancing Green Stormwater Infrastructure, please visit <https://raleighnc.gov/stormwater/services/green-stormwater-infrastructure/advancing-use-green-stormwater-infrastructure>.

[Check this document again prior to the close of applications, as more information will be provided soon]