Environmental Internship Opportunities

For graduating Senior
**Fisheries Ecology Lab Intern**, Dauphin Island Sea Lab

**Deadline to apply: January 31, 2021**

The [Fisheries Ecology Lab](#) is seeking interns to work under the faculty direction of Dr. Sean Powers at the Dauphin Island Sea Lab on a wide variety of projects in waters adjacent to Dauphin Island, a gulf barrier island in the northern Gulf of Mexico fringing the Mobile Bay estuary. Paid internships are available throughout the 2021 field season. Preference is given to those who can participate for a minimum of a six-month commitment.

Internships in the Fisheries Ecology Lab involve hands-on participation in ongoing research. Qualified applicants will have the opportunity to assist with studies in Fisheries Ecology in the northern Gulf of Mexico that involve a variety of fish (bony fishes, sharks, and rays) and shellfish from both offshore and inshore locales. Interns will gain experience with various sampling techniques used in fisheries research, as well as associated laboratory sample processing. Potential candidates will work closely with a variety of lab personnel, including principal investigators, post-docs, current graduate students, and lab technicians.

Eligibility: Recent graduates or graduating seniors with a BS or BA in biological or life sciences (or related field). Must be a United States citizen.

*The Dauphin Island Sea Lab is an Equal Opportunity Employer. It is the policy of MESC/Dauphin Island Sea Lab to affirm and dedicate itself to a primary principle of affirmative action and nondiscrimination.*

The application is a fillable Google form and can be accessed [here](#). No letters of recommendation are necessary. If selected for an interview, we will contact the provided references. If you have questions, you may contact Crystal Hightower via chightower@disl.org or (251) 861-2141 x 2384.

**Research & Communications Intern, Wolfe’s Neck Center for Agriculture & the Environment**

**Application preference if received by February 21, 2021**

To support the development of [OpenTEAM](#), we are seeking a Research and Communications Intern for the 2021 season. The intern will ideally be an undergraduate or graduate student who will work at [Wolfe’s Neck Center](#) for 12 weeks during the summer, from June through August. Using WNC’s organic fruit and vegetable plots, greenhouses, pastures, and orchards as their laboratory, the intern will serve as a critical, place-based researcher of the OpenTEAM initiative. As a public space engaging tens of thousands of visitors per year on both our physical campus and online, WNC is in a unique position to help educate the masses on the critical issue of climate change and what can be done to help reverse it. The intern will be a
key conduit for building awareness and community around soil health and agriculture’s role as a natural climate solution and contributing to the layering of these topics into the programs and dialogue already happening at Wolfe’s Neck Center.

This individual will report to the OpenTEAM Agricultural Research Coordinator, with guidance and mentorship from WNC’s Director of Research, Communications Manager and several other members of the WNC staff.

**Research Experience, Gulf of Maine Research Institute**
Application Deadline: February 15, 2021

The GMRI REU Site will pair students with researchers based at GMRI, engaged in a broad range of fishery ecosystem and climate adaptation studies. In consultation with their mentor, students will design and conduct a 10-week intensive, independent research project. This may involve field sampling, laboratory experiments, analysis of existing data sets, computational simulations, or some mix of these. At the end of the summer, students will present their findings at an in-house symposium drawing on analysis and communications skills honed throughout the summer. This internship opportunity includes a stipend ($500/week for 10 weeks), support for housing costs, and meal allowance.

**Bowdoin Environmental Studies Program Summer Fellowships**
Application Deadlines are in February (check the website in January for details)

The Environmental Studies program offers three fellowships that place ES majors and prospective majors in stipended summer internships or research experiences. These fellowships provide funding for students to explore careers in the environmental field by pursuing a placement with a Maine based organization (Maine-Based Fellowship), by pursuing a placement with an organization of their choosing at any location in the world (Sustainability-Environmental Justice Fellowship), or by conducting community based research under the mentorship of an ES faculty member (Cooke Environmental Research Fellowship). Environmental Studies Fellows play a key role in the program by connecting the Environmental Studies program to organizations in Maine and beyond.

Preference is given to ES majors/ Minors or prospective majors who have completed two or more ES core courses (ENVS 1101, ENVS 2201, ENVS 2330, ENVS 2403).

**Bowdoin Summer Research Fellowships**
Phase One Deadline: February 22, 2021 at noon
Phase two Deadline: March 8, 2021 at noon, also deadline for letter of recommendation

Each spring the Office of Student Fellowships and Research awards summer research fellowships to between 60 and 70 current Bowdoin students, enabling them to engage in independent, faculty-mentored research and enrich their undergraduate experience.
The application consists of a single, two-phase process:
Phase One deadline: February 22, 2021 at noon (find the application here)
Phase Two deadline: March 8, 2021 at noon (also the deadline for letters of recommendation)

If you have any questions, please contact either Gina Pappas or Corey Colwill.

2021 Kennebec Land Trust Ronald Joseph Summer Internship
Internship Dates: June 21- August 22, 2021

The Kennebec Land Trust (KLT) is seeking summer interns to work on trail maintenance and construction, land conservation projects, invasive plant control, educational programming, and general office work such as writing press releases and sending out mailings.

Interested applicants should be willing to learn basic plant identification skills, be able to perform physically demanding field work, be comfortable multi-tasking in the office, and have an interest in land conservation.

Optional Independent Research Opportunities: KLT also provides opportunities for interns to conduct independent research focused on conservation and resource management, wildlife and plant ecology, land use history or other relevant topics.

This summer we are specifically looking for students to conduct research focused on:

● land trust policies regarding siting of solar panels, wind turbines, hydropower facilities and other renewables – a national perspective based on specific land trust projects

● best practices for developing and managing multi-use trails

● socially responsible investing - best practices in the non-profit sector

In addition to these topics, we welcome other project proposals.

Students’ studies have the potential to enhance KLT’s educational offerings, and to inform property management plans and our Strategic Conservation Plan.

KLT will help students frame research questions and identify properties on which to conduct research.

Udall Undergraduateip Scholarship
Initial Bowdoin Deadline: January 14, 2021
Final Bowdoin Deadline: March 1, 2020

The Udall Foundation is dedicated to educating a new generation of Americans to preserve their national heritage through scholarship, fellowship, and internship programs focused on environmental and Native American issues. Scholarships are offered in three categories: 1) to
students who have demonstrated commitment to careers related to the environment, 2) to Native American and Alaska Native students who have demonstrated commitment to careers related to tribal public policy, or 3) to Native American and Alaska Native students who have demonstrated commitment to careers related to Native Health care.

**Ernest F. Hollings Undergraduate Scholarship**

**Application Deadline: February 1, 2021**

The Hollings Scholarship Program provides successful undergraduate applicants with awards that include academic assistance (up to $9,500 per year) for two years of full-time study and a 10-week, full-time paid ($700/week) internship at a NOAA facility during the summer.

The internship between the first and second years of the award provides the scholars with hands-on, practical experience in NOAA-related science, research, technology, policy, management, and education activities. Awards also include travel funds to attend a mandatory NOAA Scholarship Program orientation and the annual Science & Education Symposium, scientific conferences where students present their research, and a housing subsidy for scholars who do not reside at home during the summer internship.

Hollings Alumni report that the experience influenced their academic and career paths, expanded their professional networks and improved their skills for working in NOAA mission fields. 100% of Hollings Scholars surveyed said that they would recommend this opportunity to other students. [Application](#)

**Central Michigan University Great Lakes Research Experiences for Undergraduates**

**Tentative Program dates: June 1, through August 6, 2021**

**Application Deadline: Friday, January 29, 2021**

This Central Michigan University Great Lakes Research Experiences for Undergraduates program, funded by the National Science Foundation and the College of Science and Engineering, supports the training of students for 10 weeks during the summer (tentative 2021 dates are June 1-August 6).

A background in biology, chemistry, or environmental science with a strong interest in the chemical, physical and biological aspects of aquatic ecosystems. Applicants must provide their transcripts and 2-3 letters of recommendation.

During Summer 2021, each student will receive a stipend of $5,750, lodging provided at CMU and at the CMU Biological Station, and meals provided in the cafeteria. Funding of up to $500 is available to reimburse each student for travel costs to the REU site.

Students who are U.S. citizens or permanent residents, with a grade point average of 2.5 or higher, and who will be returning to their undergraduate program in Fall 2021 are eligible to apply. Women and minorities are particularly encouraged to apply.
Maine Natural Areas Program

Students can apply for funding for this fellowship through the Environmental Studies Sustainability and Environmental Justice Fellowship Program

The Maine Natural Areas Program (MNAP) within the Maine Department of Agriculture, Conservation and Forestry (DACF) seeks an adventurous student for an Invasive Plant Biology Fellowship in summer 2021. The Fellow will assist with mapping, treatment, and monitoring of invasive terrestrial and wetland plants. Fieldwork occurs throughout Maine in beautiful State Parks, Public Lands, and private working woodlands, and includes: searching for invasive plants and documenting infestations; manual removal of invasive plants; and assisting with invasive plant workshops. Desk work includes data entry and records management, creating maps using iMapInvasives and/or ArcGIS, assisting with invasive plant management reports, preparing for outreach events, and general office projects. Applicants must be able to work outdoors for long periods of time under a wide variety of conditions, including long days on foot in hot weather. The Fellow will be cross-trained with other MNAP and DACF ecology and monitoring projects, and MNAP will work with the successful candidate on an independent project of their choosing, if desired. The Fellowship requires a strong interest in invasive plant ecology and land stewardship, attention to detail, and enthusiasm for addressing invasive plants. The ability to identify common invasive and native plants, familiarity with handheld GPS units, and prior fieldwork experience and/or coursework (vegetation surveys, plant ID, etc.) are helpful, but training will be provided. Due to COVID-19, the Fellow can expect to complete most office work remotely (at home), with occasional work at the MNAP office in Augusta. This position requires the Fellow to be living in Maine in order to complete frequent within-state travel, including some overnight travel. A reliable vehicle will be needed to come to the office in Augusta.

For more information about MNAP, visit: www.maine.gov/dacf/mnap

If you have questions about the Fellowship, please contact Nancy Olmstead, Invasive Plant Biologist, Nancy.olmstead@maine.gov or 207-287-8046. To apply, email Nancy and attach your resume and a cover letter explaining why you are interested in the Fellowship. Preference will be given to applications received by Wednesday, February 10, 2021.

Dauphin Island Sea Lab-Alabama

Program Dates: May 31 through August 6, 2021
Application Deadline: February 12, 2021

Funded by the National Science Foundation - Division of Ocean Sciences Research Experience for Undergraduates Program and the Dauphin Island Sea Lab, the focus of the DISL REU Program is to provide participants with the opportunity to carry out an independent research project while working under the direction of a faculty mentor as part of a productive research laboratory.

Any rising sophomore, junior, or senior undergraduates with interests in ecology, biology, chemistry, geology, biomedicine, or physical and environmental sciences can apply to this REU Program. Students who have participated in an NSF OCE-funded REU program are not eligible for a second internship without special permission (please contact DISL before applying). Participants must be U.S. citizens or permanent residents of the U.S. and its possessions.

For more information, please contact DISL Registrar Regina Kollegger.
Minorities, veterans, non-traditional students, and those from underrepresented groups are encouraged to apply.

Stipends of $5,000 will be provided for the 10-week full-time program. Students will be provided on-campus housing and an additional food stipend by DISL. Students from outside the Mobile, Alabama area may also apply for travel assistance (up to $500.00). Application

**Blandy Research Experience for Undergraduate (REU) Program**

Program Dates: May 17-July 30, 2021

Application deadline: February 15, 2021

Funding provided from the National Science Foundation's Research Experience for Undergraduates (REU) program. Our primary goal is to teach students to formulate testable hypotheses about important ecological and evolutionary questions. The **format** of the program encourages students to develop skills in experimental design, data collection, analysis, and critical reading of primary scientific literature. Students also learn to prepare and communicate scientific information to other scientists and the general public.

Our program exposes students to a **diversity of research projects** that collectively illustrate how natural systems function and how science progresses. Through the course of the summer we provide students with information on various career options in ecology and the environmental sciences. For summer 2021, we will offer 10 awards. Each award will include a stipend of $6,325 and food subsidy of $1,935 (**$8,260 in total**), free housing, and a budget for research supplies and research activities. Funding for your travel to and from the site (near Boyce, Virginia) is also available.
Interested students can access the online application system and instructions from our application page. We strongly recommend filling out an application at least two weeks before the application deadline. If you need further information please send an email to Dr. Kyle Haynes.

**Rainfed Agriculture Innovation Network Research Experience for Undergraduates (REU)**

Program Date: June 2-August 6, 2021  
Application Deadline: February 12, 2021

This program is designed to provide future engineers and scientists with the skills and perspective necessary to address some of the world’s future food and fiber needs. Ten selected students each year will be paired with a faculty advisor and a graduate student mentor at the team institutions. The students will perform research on adaptive management, attend seminars on topics related to sustainability and professional development, and work on a project related to water-limited crop and animal production systems.

Participants will receive $9,000 (inclusive of travel, room & board), hands on research experience in an interdisciplinary team, and mentorship by a RAIN team faculty member.  

**Application**

**Observing the Ocean NSF REU**

Program Dates: May 31 through August 6  
Application Deadline: February 15, 2021

The Department of Oceanography and the Geochemical and Environmental Research Group (GERG) at Texas A&M University are proud to announce an REU program that will focus on "Observing the Ocean: hypoxia, harmful algae, oil spills and ocean acidification." Ten students will be introduced to new ocean observing technologies and will use data from ocean observatories, buoys and time series to investigate the ocean. Students will work with faculty and staff mentors in laboratories and on seagoing projects to acquire the analytical skills for multidisciplinary oceanographic research.

**Woods Hole Oceanographic Institution Student Summer Fellowship**

Application Deadline: February 5, 2021

A research project is at the heart of the Summer Student Fellowship program. All Fellows are expected to work on a project selected in collaboration with their sponsor(s) that will provide meaningful results in one summer’s work. Project topics span the vast spectrum of research in ocean sciences and engineering conducted in WHOI’s science departments and the Woods Hole Coastal and Marine Science Center of the U. S. Geological Survey (USGS).
WHOI actively recruits underrepresented minorities in ocean science as defined by the National Science Foundation (African-, Hispanic- and Native-Americans, and Pacific Islanders) in all of our education programs, as well as programs of the Woods Hole Diversity Initiative, such as the Woods Hole Partnership Education Program. More information can be obtained by contacting education@whoi.edu.

**More information**
- [Program Overview](#)
- [Admissions](#)

**Mosaics in Science Internship Program**
Application deadline: January 24, 2021

The Mosaics in Science Internship Program provides youth that are under-represented in natural resource science career fields with on-the-ground, science-based, work experience with the National Park Service. Established in 2013, this multidisciplinary program provides opportunities to work on inventorying and monitoring, research, GIS and other technologies, and interpretation and education projects. After the internships, a career workshop is held in Washington DC where the interns present the results of their work, are exposed to different science careers, and develop skills to apply for a federal job. The program is administered by the Geologic Resources Division, in collaboration with other NPS Natural Resource Stewardship and Science offices, the NPS Youth Programs Division, and in partnership with Environment for the Americas.

**Stanford's Summer Undergraduate Research in Geoscience and Engineering Program**
Application Deadline: February 1, 2021

SURGE: Bringing diverse perspectives to the Earth and Environmental Sciences. Because we all live on this planet. Are you interested in climate change research? Using the latest technology to monitor crop yields in Tanzania? Creating computer simulations of tsunamis? Are you an Earth sciences major or a physics major starting to explore the Earth sciences? Apply to SURGE. We welcome students from the geosciences and from other STEM majors to apply for this research opportunity.

SURGE provides undergraduates from a U.S. institution the opportunity to gain mentored research experience at Stanford University in the geosciences and engineering during the eight-week period.

**Mickey Leland Energy Fellowship (MLEF) Program**
Application Deadline is January 8, 2020
The Mickey Leland Energy Fellowship (MLEF) Program provides students with educational opportunities to gain real-world, hands-on research experience with the Department of Energy’s (DOE) Office of Fossil Energy. The MLEF program was created in 1995 with the goal of improving opportunities for under-represented and minority students in science, technology, engineering, and mathematics (STEM) fields. All eligible candidates are encouraged to apply.

The mission of the MLEF program is to strengthen a diverse pipeline of future STEM professionals, and this program has mentored several hundred of the best and brightest students from across the nation for future careers in STEM.

As a MLEF participant, you will train under the mentorship of scientists and engineers while working on mission-focused research projects. During the 10-week appointment, you will receive a weekly stipend, and may be eligible for housing and travel allowances. You will also gain insight into how the Department of Energy is working to meet the energy challenges of the future.

**MIT Student Summer Research Program (MSRP)**

Application Deadline: January 10, 2021

MSRP began in 1986 as an institutional effort to address the issue of underrepresentation of African Americans, Mexican Americans, Native Americans, and Puerto Ricans in engineering and science in the United States. Today, this program’s goal is to increase the number of underrepresented minorities and underserved (e.g. low socio-economic background, first generation) students in the research enterprise.

MSRP seeks to identify talented sophomores, juniors, and non-graduating seniors who might benefit from spending a summer on MIT’s campus, working in a research laboratory under the guidance of experienced scientists and engineers who are MIT faculty members, postdoctoral fellows, and advanced graduate students.

Students who participate in this program will be better prepared and motivated to pursue advanced degrees, thereby helping to sustain a rich talent pool in critical areas of research and innovation.

**The Cooperative Institute for Climate, Ocean, and Ecosystem Studies**

Program Dates: June 21- August 20, 2021

Application Deadline: February 1, 2021

Summer research opportunities are available for 10-12 undergraduate interns through the Cooperative Institute for Climate, Ocean, and Ecosystem Sciences (CICOES). Interns are matched with a research project within one of CICOES nine research themes and work with a JISAO, NOAA, or University of Washington scientist at either the UW campus or the NOAA Northwest Regional Center in Seattle. Students will receive a stipend of $600 per
week ($5,400 for the summer). CICOES also covers the cost of travel to and from Seattle and provides housing on the University of Washington campus.

As a CICOES research intern you will work closely with a mentor, often within the context of a research team, to conduct a research project related to your specific interests. Depending on the project, the summer may involve hands-on experience in the field or laboratory, or both.

At the end of the summer interns will design a research poster displaying the results of their work. They will also create a three-minute video summarizing their experience over the summer. Each intern will present their poster and video during a program the final week of the internship that will be open to the CICOES community as well as student’s family and friends.

**SOARS**
**Application Deadline: February 15, 2021**

**Significant Opportunities in Atmospheric Research and Science (SOARS)** is an undergraduate-to-graduate bridge program designed to broaden participation of historically underrepresented communities in the atmospheric and related sciences.

Our Program is designed to promote and support research, mentoring and community. SOARS Protégés can participate for up to four (4) summers conducting research in atmospheric and earth-system sciences. SOARS offers comprehensive financial support for summer research, conference travel, as well as undergraduate and graduate school funding. Over 90% of SOARS Protégés advance to graduate school; and many have entered the workforce with the MS degree, and/or continued onto the PhD degree.

Atmospheric Sciences include research ranging from processes, such as how individual water molecules condense on dust; how pollutants are suspended in the air; to examining how solar flares, two and a half times larger than the earth itself, influence the upper atmosphere of the entire planet. Some of the exciting areas of research in geosciences include understanding a rapidly changing climate and its impact on the Earth and its inhabitants; severe weather events like deep hail, hurricanes, tornadoes, and floods; and the changing, chemical composition of the atmosphere. [Learn more and apply](#)

**Woods Hole Oceanographic Institution Summer Fellowships**
**Applications Due February 5, 2021**

A research project is at the heart of the Summer Student Fellowship program. All Fellows are expected to work on a project selected in collaboration with their sponsor(s) that will provide meaningful results in one summer’s work. Project topics span the vast spectrum of research in ocean sciences and engineering conducted in WHOI’s science departments and the Woods Hole Coastal and Marine Science Center of the U. S. Geological Survey (USGS).
Fellowship recipients have the opportunity to attend and participate in a busy schedule of talks, seminars and a hands-on, one-day ocean sampling cruise onboard the R/V *Tioga* focusing on data collection and sampling methods with advanced oceanographic technology and instruments.

Fellows also have many occasions to interact with current MIT-WHOI Joint Program graduate students, from the Q&A session designed specifically for that purpose to the Ethics in Science Workshop and a near-peer mentoring program.

WHOI actively recruits underrepresented minorities in ocean science as defined by the National Science Foundation (African-, Hispanic- and Native-Americans, and Pacific Islanders) in all of our education programs, as well as programs of the Woods Hole Diversity Initiative, such as the Woods Hole Partnership Education Program. More information can be obtained by contacting education@whoi.edu.

**Bigelow Laboratory for Ocean Sciences Research Experience for Undergraduates**

Application opens: January 1, 2021

Undergraduates in Bigelow Laboratory's summer REU Program spend ten weeks at the Laboratory conducting independent research with guidance from a scientist mentor. Directed by Senior Research Scientist Dr. David Fields, and funded by the National Science Foundation, the REU Program is designed to give students pursuing degrees in the sciences, mathematics and engineering a laboratory-based research experience with an emphasis on hands-on, state-of-the-art methods and technologies. REU students are immersed in the Bigelow community and participate in seminars, field trips, Laboratory outreach programs, social events, and more.

Each student in the program is paired with a Bigelow Laboratory scientist based on mutual research interests. During the ten weeks, students work with their mentors to identify a research question, develop a proposal, conduct their research, and prepare an abstract and poster. At the end of the program, students present their poster and give a talk at a student symposium.

Research areas vary year to year, but include marine microbiology, ocean biogeochemistry, optical oceanography, remote sensing, bioinformatics, sensory biology and phytoplankton ecology.

The 2021 program dates are May 24 through July 30 and will be held at the Laboratory's East Boothbay (Maine) campus. Successful applicants receive a stipend, free housing, and funds for travel to and from Bigelow Laboratory. **Applications will be open January 1, 2021.**

**ACORE, American Council on Renewable Energy Internships**

Application Deadline for summer 2021: March 5, 2021

Internship applications are welcome from students and recent graduates who are committed to making renewable energy the focus of their career paths.
Intern program participants engage in research, writing, and cross-departmental assistance based on their interests and the organization’s current focus. ACORE interns are also responsible for the development and presentation of an individual research project. This project focuses the intern’s attention and knowledge on a facet of the renewable energy industry, preparing them to seek career opportunities in that area. Interns work on their presentations by researching a topic of their choosing and interviewing members of the renewable energy sector, as well as potential employers, through personal introductions by staff and networking opportunities.

**Summer Student Internship (SSI) Program**
Application Deadline: February 26, 2021

Since 1994, the Institute for Tribal Environmental Professionals (ITEP) has offered student summer internships for Native American and other college students with funding from the U.S. Environmental Protection Agency (USEPA). This program provides the opportunity for students to gain hands-on skills with EPA or other governmental and tribal environmental offices.

The internship is designed to give current college students an opportunity to: Assist EPA/Tribal agencies with environmental issue; Acquire new skills in a work environment; Gain actual experience while contributing to a project; Earn $3,600 during the nine-week experience; Receive a housing allowance; Receive a travel allowance.

**Cary Institute for Ecosystem Studies**
Translational Ecology for Undergraduates REU Program
Application Deadline: January 29, 2021 (Program Dates: June 7-August 13, 2021)

The Cary REU program gives students the chance to design and carry out an independent research project in ecology, with the support of mentors, fellow students and the rich Institute community scientists and educators. Our alumni report that their Cary REU experience was instrumental in their career success, whether it be in academic ecology as professors or research scientists, in environmental management or consulting, in ecology education, or in other fields. Cary REU students contribute to the mission of the Institute through their research, with most writing papers for the Cary REU Program Scientific on-line publications, and many co-authoring peer-reviewed articles based on their work.

**Harvard Forest Summer Research Program in Ecology**
Check webpage for Application
Application: Due Mid-February

The Harvard Forest Summer Research Program in Ecology is an 11-week research experience connecting students, mentors, and researchers to pursue scientific inquiry in an immersive field station setting.

Harvard Forest is Harvard University's world-class ecological research hub at the nexus of many national and international scientific networks, which Summer Program students leverage to conduct research and build their careers.
Program participants join a community of fellow students, mentors, and researchers from across these networks, gaining experience in the full scientific process by working in diverse collaborative teams, developing data science skills, and building professional networks to launch careers that will make a difference in the world.

**Rocky Mountain Institute**
Program Start Dates: Mid May, or Mid June 2021- (11-12 weeks)
Application Deadline: January 15, 2021

These internships are designed for students to become integrated into a project team, giving them an opportunity to apply their education in the workplace. The goal of our internship program is to create a mutually positive experience for intern and manager that ideally could lead to a full time offer within the organization after graduation. Our interns are pivotal in shaping the future of RMI.

Our interns work on a wide variety of projects, which are ever-changing as we continue to grow! You can read more about our work [here on our website](#). You can expect to work on fast-paced real world analytical and research problems, including literature reviews, case study development, spreadsheet modeling, and stakeholder management.

**You could be assigned to any of the following areas**: Carbon-Free Electricity, Carbon-Free Buildings, Carbon-Free Mobility, Climate-Aligned Industries, Climate Intelligence, Breakthrough Technologies, Energy Transition Academy, Urban Transformation, China, India, US, or Developing Economies: Africa, Southeast Asia and Islands.

**Summer Under/Graduate Internship: Data Analysis and Visualization Tool Developer**, National Renewable Energy Laboratory (NREL)

The National Renewable Energy Laboratory (NREL), located at the foothills of the Rocky Mountains in Golden, Colorado, is the nation’s primary laboratory for research and development of renewable energy and energy efficiency technologies. The Strategic Energy Analysis Center (SEAC; [www.nrel.gov/analysis](http://www.nrel.gov/analysis)) performs environmental sustainability assessments of energy technologies. With objective, technology-neutral analysis, SEAC aims to increase understanding of energy policies, markets, resources, technologies, and infrastructure to address US economic, security, and environmental priorities.

NREL’s intern program provides a diverse opportunity for students and recent graduates. In addition to mentorship and real, hands-on experience, students and recent graduates will participate in professional development activities that will help strengthen their technical and professional skills.

Most projects in the NREL’s Strategic Energy Analysis Center, Grid Systems Group utilize one, or both, of the following modelling tools:
• ReEDS, a capacity expansion tool that simulates the evolution of generation, transmission, and end-use demand. It models cost-optimal build-out of electrical infrastructures out to 2050.

• PLEXOS, a production cost tool used to model the operation of future energy systems. At the heart of the tool is an hourly unit commitment and economic dispatch model.

The results from these tools are complicated, copious, and varied. Furthermore, the outputs of one tool often impact the outputs of the other. We currently employ various software packages to analyze and visualize these results.

**Community Solar Market and Policy Internship (Year-Round) National Renewable Energy Laboratory (NREL)**

**Location: Washington DC**

The candidate will support a variety of tasks related to community solar market and policy analyses and program support in NREL’s Strategic Energy Analysis Center. The successful candidate will have strong research, writing, and organizational skills as well as experience compiling and manipulating data sets for analysis.

The candidate will support Department of Energy’s National Community Solar Partnership by conducting research on community solar policies, markets, financing options, and regulations through data collection, literature reviews, industry interviews, writing, coding, and spreadsheet analysis. The candidate will also assist in providing technical assistance to NCSP members and Collaboratives on innovative approaches for overcoming barriers to community solar.

Key projects include:

• Support community solar data collection and technical assistance to community solar stakeholders.

• Assist with analysis of potential solar business models for community solar with NREL tools.

• Support research on potential solutions to specific barriers to deploying community solar especially for the multifamily sector and/or municipal utilities, e.g. financial, policy, regulatory, and community and customer engagement.

• Identify, collect, and synthesize legal, regulatory, and policy data applicable to community solar, especially for multifamily affordable housing and municipal utilities.

**Search for summer internships, and other opportunities via:**

[pathwaystoscience.org](http://pathwaystoscience.org)

[Oak Ridge Institute for Science and Education Internship and Job Opportunities](http://oakridgenrel.org/internships)