About the Sustainability Fellows Program:
UNH Sustainability Fellowships pair exceptional students from across the U.S. with municipal, educational, corporate, and non-profit partners in New England to work on transformative sustainability initiatives each summer. Sustainability Fellows undertake challenging projects that are designed to create an immediate impact, offer a quality learning experience, and foster meaningful collaboration. Fellows work on-site with their mentors at partner organizations during the summer, supported by a network of Fellows, partners, alumni, and the UNH Team. Graduate students, exceptional undergraduate students, and recent graduates from any accredited college or university are eligible to apply.

A detailed description of one Fellowship follows. To learn more about the other Fellowships offered this year, and for application instructions, see: www.sustainableunh.unh.edu/sustainability-fellows.

About the Host Organization:
Converge Strategies, LLC (CSL) is a consulting firm focused on the intersection of advanced energy, resilience, and national security. CSL was founded in 2017 and has offices in Boston, MA, and Washington, DC. We work to connect rapidly growing energy technologies to the resilience objectives of the military, state and local governments, and utilities. CSL staff possess deep knowledge of energy security, military energy markets, global energy policy, and energy and infrastructure finance. Our staff have advised corporations, investors, utilities, think tanks, national governments, and international organizations on new energy and resilience strategies during the past two decades in countries around the world.

About the Fellowship:
The Fellow will support the Retrofitting Existing Solar with Emerging Technologies (RESET) project. Under RESET, CSL is leading a dynamic team of national experts to understand the existing landscape of solar energy projects at Department of Defense (DoD) Installations around the United States and to make them more resilient. As one of the largest single energy consumers in the world, the DoD’s energy portfolio has a global-scale impact. Enhancing the resilience of DoD renewable energy installations not only protects national security, but protects a massive carbon-neutral energy source. The DoD has been at the forefront of renewable energy technology development for decades,
and solutions developed as a result of this work have the potential to enhance the resilience of renewable energy resources worldwide.

The main project goals of the RESET project are to:

1) Map and characterize relevant stakeholders at DoD installations that have solar or other renewable distributed energy resources (DER) assets located on or near the installations.
2) Perform stakeholder interviews to understand mission energy requirements at the identified installations.
3) Identify and capture current financial, engineering, legal and/or cybersecurity limitations of the available DERS to provide energy resilience at the identified installations and draft memos on opportunities to achieve resilience.

The Fellow’s role in the overall project will be defined pending progress on the project over the coming months, as well as the interests and expertise of the selected Fellow. The Fellow may also support additional CSL projects as opportunities arise.

**Outcomes:**
The Fellow will produce a final report to document the summer’s work, and will present findings to the CSL team. The Fellow will also produce a white paper for the Sustainability Fellows program describing lessons learned that are broadly applicable to those interested in renewable energy development.

**Impact:**
Two parts:

1) In addition to exposure to advanced renewable energy technologies, the Fellow will gain an in-depth understanding of important structures, stakeholders, and policies that guide energy project development within the U.S. government and particularly within the DoD. The Fellow can expect exposure to DoD energy project development processes and a chance to hone skills in communicating with energy resilience professionals within the DoD, U.S. government, national laboratories, and other private firms.

2) More broadly, the Fellow’s work will be used to understand and communicate to larger DoD leadership audiences how existing solar (or other renewable energy) projects might be used to enhance energy resilience objectives. This narrative may ultimately help to solidify renewable energy generation as important components in protecting the DoD’s missions and mission-critical infrastructure.

**Desired Qualifications:**
- Currently pursuing a Master’s degree in Energy Economics, Energy Policy, Energy Resilience, Environmental Science/Studies, Public Affairs, Business Administration, or another related field
- Experience conducting research on advanced energy, renewable energy, or resilience topics
- Technical knowledge of renewable energy, storage or advanced energy policy preferred
- Exposure to basic data manipulation/analysis techniques
- Experience conducting stakeholder interviews and stakeholder mapping preferred
- Excellent oral and written communication skills, both virtual and in-person
- Ability to thrive within small but highly collaborative and dynamic teams
- Experience and comfort with Microsoft Word, Excel, and Power Point

The Fellow is interested in learning more about:
- Energy resilience
- Advanced energy technologies
- Federal government and DoD structures and processes for project development
- Working in a startup environment

**Work Location:**
Converge Strategies, LLC
685 Centre Street, #205
Jamaica Plain, MA 02130

**Mentors:**
Wilson Rickerson, Principal, Converge Strategies, LLC
Tom Calvert-Rosenberger, Senior Associate, Converge Strategies, LLC and former UNHSI Fellow

**Compensation:** $6500
(taxable and distributed on a two-week payroll cycle over the course of the fellowship)

**Expectations:**
Fellows are expected to be primarily dedicated to their assigned projects throughout the summer, and also participate in a variety of networking activities, professional development opportunities, and presentations coordinated by UNHSI. Specifically, Fellows are expected to:
- Attend a mandatory orientation at UNH prior to the start of the fellowship term, **May 26-28, 2020**. (Travel scholarships may be available for students traveling from outside New England.)
- Work full-time on-site at the partner organization, **June 1 - August 14, 2020**
- Complete 400 hours of work, including work at host site as well as UNHSI activities, between May 26 – August 14, 2020.
- Complete a fellowship project according to the work plan (with adjustments as necessary).
- Participate in weekly webinars or advisory group meetings.
- Present work at mid-term and final poster sessions at UNH on **July 10** and **August 7**. (Travel support available.)
- Engage in additional professional development, networking, and advisory activities as offered.
- Provide and receive feedback at the end of the fellowship.

**Apply by February 10** at [www.sustainableunh.unh.edu/sustainability-fellows](http://www.sustainableunh.unh.edu/sustainability-fellows).

**Questions** may be addressed to [megan.carney@unh.edu](mailto:megan.carney@unh.edu).