



**Innovation Partnership Building**  
**University of Connecticut**  
**Campus**  
**159 Discovery Drive**  
**Storrs, Connecticut 06269**

# Eversource Energy Center

## Pioneering Diversity Internship

An internship opportunity to shed light on the untapped potential of the LatinX, African American, Native American, Pacific Islander undergraduate student body by providing a \$16/hr internship for: Spring, Summer and/or Fall to work on the Center's research projects. Students selected to this internship can work remote or in person and will gain research experience, attend national conferences, and develop industry connections that can help boost their resumes to be more competitive in the job market or when applying to grad school. Students who continue on to grad school may turn this internship into a graduate assistantship which comes with a tuition waiver for UConn.



## Internship

### Requirements:

1. Pursuing an undergraduate degree in relevant field. ex. Business, Engineering, Human Rights etc.
2. Be an undergraduate maintaining a GPA greater than 2.3.
3. Willing to dedicate roughly 10 hours per week during the semester and up to 20 during the summer. Flexible schedules are available.

### Application Process:

- Personal statement indicating the thematic area of interest and any experience you have had in research.
- Unofficial transcripts
- Name of a faculty member or collaborator for reference

### Apply Here:

<https://forms.gle/L83gm4c514YgK7hX8>

## Research Areas

### Storm Preparedness

Weather forecasting, statistical and machine learning modeling for outages, flood modeling and climate change impact analysis

### Vegetation Management

Mapping tree risk and forest health using remote sensing techniques, assessing outcomes of roadside forest management strategies, evaluating rate payers risk perception, analyzing tree biomechanics data

### Electric Grid Reliability and Resilience

Evaluating the efficiency of grid resilience initiatives, evaluate climate change effects on power outages, and perform economic analysis of resilience improvements

### Cyber Security

Algorithms, tools and platforms to identify, detect, localize and respond to cyber physical attacks with increasing integrations of electric grid of things.

### Renewable Energy

Renewable energy modeling for generation, characterization, analytics and grid integration

### Energy & Environmental Justice

Developing solutions to problems of environmental injustice and energy inequity in the conventional and green energy sectors, to ensure accessibility, affordability, safety, and sustainability across all communities and demographics