Windfloat photo by Senu Sirnivas (NREL)

Student Research Assistantships in Offshore Wind Energy

Applications due by Friday, August 12, 2022 at 4 pm (Pacific)

Schatz Energy Research Center

The Schatz Energy Research Center at Cal Poly Humboldt has openings for two undergraduate students for research assistantships related to offshore wind energy. These intern positions are expected to start on or near August 29, 2022 and continue to the end of the spring semester 2023.

These positions are supported with stipends made possible through the Philip & Yuriko Anton Climate Endowment.

Who we are and what we do

Since 1989, the Schatz Center has been a leader in applied research and project development for clean and renewable energy. Our current portfolio includes microgrid development, sustainable transportation design, carbon life cycle analysis, solar product testing, offshore wind feasibility studies, and planning and policy for clean energy access around the globe.

As residents of a rural coastal community, we are keenly aware of our social and environmental responsibilities. We are committed to increasing energy access and resilience for communities worldwide — and do so through clean and renewable design that reduces climate change and restores environmental and human health.

Position summary

Initial responsibilities for this position include:

Student interns will be assigned to carry out research tasks related to the Center's work on offshore wind energy. The activities will include research associated with an assessment of the potential to expand electric transmission infrastructure to support possible offshore wind development in northern California and southern Oregon.

Student interns may also have the opportunity to participate in other efforts related to offshore wind.

Qualifications

Minimum qualifications

Education and Experience

- Eligible applicants must be undergraduate students in good academic standing at Cal Poly Humboldt who are registered for at least 6.0 units the coming semester (Fall 2022).
- No prior relevant experience is required. We encourage all interested students to apply.

Knowledge, skills, and abilities

- Proficiency with modern office computing, including word processing and spreadsheet analysis.
- Ability and willingness to work with and learn from others effectively in a team setting.
- Ability to communicate effectively in written and interpersonal contexts.
- Ability and interest to engage in quantitative and mapping analysis related to offshore wind energy, electric transmission infrastructure, and/or transmission line routes.
- Ability to self-motivate and follow through on assignments.
- Interest and enthusiasm for issues related to energy and environmental sustainability.

Compensation

Interns will receive a stipend of $2,500 per semester for the Fall 2022 and the Spring 2023 semesters, for a total stipend of $5,000 per student. It is anticipated that interns will contribute an average of 8-10 hours per week during each semester to the Center's offshore wind research efforts.

How to apply

Deadline and materials

All application materials must be received by 4 pm Pacific Time (US) on August 12, 2022.

Applicants must submit all of the following via email to schatzenergy@humboldt.edu:

- A formal letter of application. In the letter please describe your background and what motivates you to apply.
- A resume (1 page maximum).
- Unofficial transcripts of prior academic work at Cal Poly Humboldt and other colleges or universities.

About the Philip & Yuriko Anton Climate Endowment

Philip (’98 Music) and Yuriko Anton are pleased to support two new research assistantships at the Schatz Energy Research Center through their Anton Climate Fund. Support will go to undergraduate students pursuing extracurricular work at the Center related to clean energy and climate change, with a preference for supporting student involvement in projects involving renewable energy technologies such as offshore wind energy. The fund will support two undergraduate research assistantships at a rate of $5,000 per student per year during the 2022-2023 academic year.

Our purpose and commitments

The Schatz Center advances clean and renewable energy while increasing energy access and resilience through collaborations with domestic and international communities. Achieving this mission equitably requires meaningful engagement across social experiences and identities, fields of expertise, and diverse sets of thought within our team and among our partners. We believe that a diverse team increases effectiveness, and we are committed to the ongoing development of a safe, inclusive, and collaborative work environment that supports the growth of each team member.

For more information

For additional information, please email schatzenergy@humboldt.edu or call (707) 826-4345.

SCHATZ ENERGY RESEARCH CENTER at Cal Poly Humboldt | schatzcenter.org