Job Description

Decarbonization & Energy Analyst Internship

Description – In support of the development of a Decarbonization Plan for Loyola’s facilities, the Office of Sustainability and Loyola Facilities Department are hiring two interns. These interns will have two primary roles; 1. To inventory heating and cooling equipment requiring refrigerants and 2. Updating reporting on building energy use via the EPA’s Portfolio Management system. In both cases, the interns will process and analyze this data in coordination with a Loyola consultant to create new information that will be incorporated into the university’s in-development Decarbonization Plan which will shape Loyola’s work on climate action for the next 5-25 years.

Duties and Responsibilities:

- Attend training by consulting engineers and Loyola staff
- Collect equipment level-data on heating and cooling infrastructure
- Data entry for energy use in required buildings
- Problem solving and daily updates on data collection issues
- Meet with project team weekly to check in/ address issues
- Data processing and analysis as directed by supervisor and consultants

Requirements:

- Must be a current student of Loyola University Chicago.
- Must have had physics, engineering, biology, environmental science or similar course work in the last two semesters.
- Must be able to do physical work including lifting up to 30 pounds, climbing ladders and stairs, and walking for 3+ hours each day.
- Must have an interest in building-level energy systems including lighting, heating and cooling and ventilation systems.
- Must be able to conduct room-level audits collecting specific data (equipment type, energy use, flow rate, meter readings) for extended periods of time.
- Must be able to work collaboratively and professionally in team settings and work individually in an efficient manner as needed.
- Must be able to travel to all Loyola campuses to collect data.
- Must have attention to detail.

Estimated Commitment:

These positions will work 20-35 hours per week during normal business hours (9-5, M-F) from June – early August, 2023.

Interested students must email the Office of Sustainability at sustainability@luc.edu with a letter of interest (email text will suffice) and resume. Hiring will take place on a rolling basis so please respond as soon as possible. Hiring will close June 5th, 2023.