Job Title	Field Equipment Management Specialist - Intern
PVN ID	VA-2205-004797
Category	Research
Location	OFFICE OF SR. UNIV DEAN FOR ACADEMIC AFFAIRS
Department	CUNY Building Performance Lab
Status	Part Time
Hourly Rate	$16.00-$18.00
Hour(s) a Week	0.00
Closing Date	Jul 19, 2022 (Or Until Filled)

General Description

Organizational Description:

The CUNY Building Performance Lab (CUNY BPL) provides mission-critical support to the Department of Citywide Administrative Services' Division of Energy Management (DEM) and its client agencies for implementing New York City's ambitious climate and clean energy policies. CUNY BPL staff have expertise in a wide range of areas related to building systems, operations and data, and the design and construction process. This includes: energy data analytics (monthly and real-time meter data); building energy modeling (EnergyPlus and others); measurement and verification (IPMVP and ASHRAE protocols); HVAC systems; building controls; data acquisition (via BAS or field equipment); and operational improvements via Pacific Northwest National Lab's Building Re-tuning protocol. The organization works collaboratively with industry professionals, other research institutions, and several of the US DOE's National Labs; and is a participating member of the Center for Building Energy Smart Technologies (BEST), an Industry-University Cooperative Research Center funded by the National Science Foundation (NSF) (https://www.nsf.gov/awardsearch/showAward?AWD_ID=2113874) in city-scale building energy systems and informatics. CUNY BPL also runs an extensive internship program for CUNY students that provides real world experience and hands-on work in each of the organization's program areas.

General Description:

The CUNY BPL Technical Services (TS) team is seeking interns to work on applied research projects in the building energy and efficiency field through June 30, 2023, and possibly through 2024. The TS team supports DEM with pre- and post-retrofit measurements on energy efficiency and carbon reduction projects, with the goal of characterizing project results and improving realization rates. CUNY BPL's TS team also researches best practices and next generation tools and techniques to streamline the measurement and savings prediction process, conducts in-depth analyses, develops guidance documents and training materials, and provides field equipment and technical assistance to agency personnel for project development and execution. This work includes general system measurement and performance evaluation to support planning, implementation, and

verification across a wider range of teams and activities at DCAS DEM.

The CUNY Building Performance Lab (CUNY BPL) is seeking a detail oriented individual to support the ongoing management of the inventory of equipment found in the nycenergytools.com website, including maintaining inventory, reviewing calibration records, coordinating the calibration of equipment with vendors, and filling requests for equipment.

Other Duties

Intern will be expected to familiarize themselves with the various types of measurement equipment available on the website, where the equipment might be regularly installed in buildings (typically in equipment in the mechanical rooms of buildings) and support the installation and retrieval of equipment by visiting the building and coordinating with the building operations team. Interface with various CUNY BPL team members and visit commercial buildings throughout NYC. Position requires an OSHA 10 hour safety course (provided by CUNY BPL) before going to any building sites.

Qualifications

Ideal candidate will be enrolled in a degree program in engineering, data acquisition, building automation, architecture or building mechanical systems, and be proficient in Microsoft Office Suite and WordPress.