



Research Electrical Maintenance Coordinator and PPE Inspector

January 2022

Cornell University embraces diversity and seeks candidates who will contribute to a climate that supports students, faculty and staff of all identities and backgrounds. If you don't meet 100% of job qualifications, but see yourself contributing, please submit an application. We strongly encourage individuals from underrepresented and/or marginalized identities to apply. We're a recognized employer and educator valuing AA/EEO, Protected Veterans, and Individuals with Disabilities.

The Research Electrical Maintenance Coordinator and Personal Protective Equipment (PPE) Inspector supports the Cornell Laboratory for Accelerator-based ScienceS and Education (CLASSE) research mission by providing critical equipment inspections and routine maintenance coordination for all CLASSE sponsored research departments operating within Wilson Lab, Newman Lab, and the Physical Sciences Building. The Research Electrical Maintenance Coordinator and PPE Inspector will impact the operation of multimillion-dollar equipment necessary for the successful completion of research programs employing hundreds of research staff and students. Systems directly affected by this position include the LINAC, Synchrotron, Cornell Electron Storage Ring (CESR), Cornell High Energy Synchrotron Source (CHESS), Cornell Brookhaven E (ERL-Energy Recovery Linac) Test Accelerator (CBETA), and Center for Bright Beams (CBB). This position hosts a plethora of challenging and unique opportunities in support of cutting-edge science and technology.

This position will coordinate the research systems electrical maintenance, PPE, and CLASSE radiation badge programs. The Research Electrical Maintenance Coordinator and PPE Inspector is responsible to follow various industry codes and standards for testing, inspections, and audits with respect to fore mentioned programs. This position will track and provide a formal record of all maintenance, inspections, and audits. The Research Electrical Maintenance Coordinator and PPE Inspector will document and inventory spare components for substations, Motor Control Centers (MCC's), and PPE. This position is required to procure materials, conduct testing, and ensure routine maintenance of substations, transformers, MCC's, Drives, UPS's, Contactors, Arc Flash suites, voltage rated gloves, ground sticks, fall arrest equipment, locks, tags, radiation badges, and radiation monitors. This position will also execute system responsibilities by directing and overseeing projects with the support of 1 to 2 CLASSE Technicians, Cornell trades workers, and outside contractors. Routinely works on and around potentially energized high-current magnets, pressurized water systems, compressed gases, pumps, compressors, cryogenic, vacuum systems and radiation producing devices.

Required qualifications include a bachelor's degree and 3 to 5 years of relevant experience or equivalent combination. Experience in design, fabrication, operation, and repair of low voltage electrical distribution equipment. Proficient in the use of microohm meters-, and other electrical meters. Proficiency in CAD and competent in Microsoft Office applications. Must be able to respond quickly to off-hour issues and emergencies. Must have impeccable communication and organizational skills and capable of adapting to the needs of a research environment. Must be able to work independently with sound judgement and decisive decision making in a team-oriented environment. Bachelor's degree and 3 to 5 years of relevant experience or equivalent combination. Experience in design, fabrication, operation, troubleshooting and repair of low voltage electrical distribution equipment. Proficiency in CAD and competent in Microsoft Office applications. Must be able to respond quickly to off-hour issues and emergencies. Must have impeccable communication and organizational skills and capable of adapting to the needs of a research environment. Must be able to work independently with sound judgement and decisive decision making in a team-oriented environment.

Experience in the following fields:

It would be beneficial for individual to have previous experience in a physical research environment, previous course work in physics and/or laboratory data collection techniques, and/or support of electronic apparatus, transformer maintenance, infra-red scanning, drafting and documentation, PPE testing, and implementation of electrical safety programs.

Visa sponsorship is not provided for this position. Please apply online at <https://cornell.wd1.myworkdayjobs.com/CornellCareerPage> (posting #WDR-00029490).

Cornell University requires all employees, whether they work on campus or work fully remotely, to be fully vaccinated against COVID-19, or to have obtained a university-approved medical or religious exemption. For additional information on this requirement, visit: <https://hr.cornell.edu/covid/university-response/vaccination>.

Cornell provides great benefits that include comprehensive health care options, generous retirement contributions, educational benefits (Employee Degree, Tuition Aid, Cornell Children's Tuition Assistance Programs), access to wellness programs, and employee discounts with local and national retail brands. Our leave provisions include three weeks of vacation and 13 holidays, including winter break from December 25th through January 1st.

Cornell has been nationally recognized as an award-winning workplace for our health, wellbeing, sustainability, and diversity initiatives. For more information, follow the link: [Benefits at Cornell](#).

Diversity and Inclusion are a part of Cornell University's heritage. We are a recognized employer and educator valuing AA/EEO, Protected Veterans and Individuals with Disabilities. We also recognize a lawful preference in employment practices for Native Americans living on or near Indian reservations. Cornell University is an innovative Ivy League university and a great place to work. Our inclusive community of scholars, students, and staff impart an uncommon sense of larger purpose, and contribute creative ideas to further the university's mission of teaching, discovery, and engagement.