

University of California, Riverside

College of Engineering Center for Environmental Research and Technology Postdoctoral Scholar Position

Job Description

The Bourns College of Engineering--Center for Environmental Research and Technology (CE- CERT) is seeking a qualified Postdoctoral Scholar to assist with the research, management, execution and publication of results from a variety of energy generation, energy storage, and energy management projects. The focus of this position will be the integration, validation, testing, and demonstration of energy/power systems. Candidates with a broad energy and engineering background are encouraged to apply. This position will bridge traditional disciplinary boundaries in energy, control, simulation, and systems integration.

This position will assist with the further development of the Sustainable Integrated Grid Initiative (SIGI) research enterprise. The SIGI research enterprise is part of a growing community of researchers at UCR interested in the broad area of distributed energy resources and power systems, with emphasis on solar energy, energy storage, energy management, microgrids, and smart grids. The ideal candidate should possess a Doctoral degree in Electrical Engineering (or a related field), with a working knowledge of energy measurements, instrumentation, and simulation tools. Additionally, this position requires a background in instrument integration, management, and optimization, as well as the ability to work with various analytical methods. The candidate ideally will have excellent written and verbal communication skills, along with the ability to work effectively and cooperatively in a team interacting with diverse stakeholder groups. The ability to multitask with strong time management skills is necessary. We expect the candidate will successfully contribute to an independent, externally funded, research program. The candidate should additionally have experience in dealing with equipment vendors. Prior experience in development of grant proposals is desirable. The candidate will interact with academic faculty, research staff, graduate, and undergraduate students.

The interdisciplinary nature of this position means that few candidates are expected to completely meet all requirements. Interested candidates, even those lacking in some area(s), are still encouraged to apply.

To apply, please submit a CV and cover letter to certjobs@cert.ucr.edu.