Holcombe Department of Electrical and Computer Engineering

Faculty Search for Power and Energy Faculty at
the Charleston Innovation Campus in N. Charleston, SC
and the Clemson University main campus in Clemson, SC.

Applications and nominations are sought for multiple faculty positions in electrical power engineering at two locations: Clemson University's new Zucker Family Graduate Education Center at its Charleston Innovation Campus in North Charleston, SC (http://www.clemson.edu/restoration/) and the main Clemson campus in Clemson, SC (http://www.clemson.edu/ece/). Each position will be filled with an individual who merits the rank of Associate or Full Professor with tenure and who has a nationally recognized record of outstanding scholarship. Appropriately qualified candidates may be considered for a Titled Professorship. The candidate's teaching and research should encompass a broad range of topics related to power systems, electric machines and drives, power electronics, energy storage, energy analytics, and wind and solar power integration. A solid understanding of the cyberinfrastructure-related areas of power systems such as embedded systems, cybersecurity, networking, and remote sensing is also important. The persons filling the positions in both N. Charleston, SC, and Clemson, SC will hold a faculty position in the Holcombe Department of Electrical and Computer Engineering at Clemson University.

The Holcombe Department of Electrical and Computer Engineering is one of the largest and most active departments at Clemson, with 36 faculty members, approximately 550 undergraduates and 200 graduate students. The Charleston Campus houses a $98M power facility initiated in 2009 from a $45M Department of Energy grant. The facility includes the SCE&G Energy Innovation Center which contains the world's most-advanced wind-turbine drivetrain testing facility capable of full-scale highly accelerated mechanical and electrical testing of advanced drivetrain systems for wind turbines. The SCE&G Energy Innovation Center also houses the Duke Energy Electrical Grid Research Innovation and Development Center, a facility with real-time simulation and 20MVA hardware-in-the-loop capability. The main campus includes state-of-the-art real-time simulation facilities for research in intelligent control of the electric grid, a modern power-electronics laboratory, and a strong undergraduate and graduate emphasis in power systems.

Clemson University is the land-grant institution for the State of South Carolina enrolling approximately 17,100 undergraduates and 4,300 graduate students. Five interdisciplinary colleges house strong programs in architecture, engineering, science, agriculture, business, social sciences, arts and education. A faculty of 1,400 and staff of 3,500 support 84 undergraduate degree offerings, 73 master's degree programs and 40 Ph.D. programs. An annual operating budget of approximately $956 million and an endowment of $623 million fund programs and operations. The University has externally funded research expenditures of $100 million per year. Research and economic development activities are enhanced by public-private partnerships at 3 innovation campuses and 6 research and education centers located throughout South Carolina. Clemson University is ranked 23rd among national public universities by U.S. News & World Report.

Applicants must have an earned doctorate in Electrical Engineering or a closely related field. Applicants should submit a current curriculum vitae, statements of research and teaching strategy, and a minimum of five references with full contact information. Application material should be submitted electronically at the following Web link: https://apply.interfolio.com/39798

The cover letter should indicate whether the Charleston or Clemson location (or both) is of interest to the applicant. To ensure full consideration, applicants must apply by February 15, 2017; however, the search will remain open until the position is filled.

Clemson University is an AA/EEO employer and does not discriminate against any person or group on the basis of age, color, disability, gender, pregnancy, national origin, race, religion, sexual orientation, veteran status or genetic information. Clemson University is building a culturally diverse faculty and staff committed to working in a multicultural environment and encourages applications from minorities and women.