



CLEMSON

U N I V E R S I T Y

**College of Engineering, Computing and Applied Science
Faculty Search for Warren H. Owen Distinguished Professor
in Electrical & Computer Engineering with a focus in Power Electronics and Drives**

Applications and nominations are sought for the Warren H. Owen Distinguished Professor in Electrical and Computer Engineering at Clemson University (<http://www.clemson.edu/ece/>). The candidate's teaching and research should encompass a broad range of topics related to power electronics, including power electronic devices, converter topologies, control, electrical drive systems and energy storage systems. In addition, the ideal candidate should have a solid understanding of the cyber-infrastructure related areas of power electronic systems such as embedded controller systems, networking, and communication and sensing. The person filling the position will hold a senior faculty position in the Holcombe Department of Electrical and Computer Engineering and will be located on Clemson's main campus in Clemson, SC.

The Holcombe Department of Electrical and Computer Engineering is one of the largest and most active departments at Clemson, with over 35 primary faculty positions and 14 affiliated full-time faculty members, approximately 550 undergraduates and 190 graduate students. 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 thriving undergraduate and graduate emphasis in power systems. There are also power system facilities at the Clemson University Restoration Institute (CURI) in N. Charleston SC, that are associated with the department. CURI 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 (eGRID) Center, a facility with real-time simulation and 20MVA hardware-in-the-loop capability.

Clemson University is the largest land-grant institution in South Carolina, enrolling 18,600 undergraduates and 4,800 graduate students. Seven colleges house strong programs in architecture, engineering, science, agriculture, business, social sciences, arts and education. A faculty of 1,500 and staff of 3,700 support 84 undergraduate degree offerings, 73 master's degree programs and 40 Ph.D. programs. An annual operating budget of approximately \$1.15 billion and an endowment of \$683 million fund programs and operations. The University has externally funded research expenditures of \$109 million per year. Research and economic development activities are enhanced by public-private partnerships at 4 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:

<http://apply.interfolio.com/52850>

To ensure full consideration, applicants must apply by **November 15, 2018**; 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 committed to working in a multicultural environment and encourages applications from minorities and women.