

Staff Vacancy

POSITION: Research Scientist.

EEO# EN 6-16.

RESPONSIBILITIES:

Conduct research in concentrating solar power to extract knowledge for generating solar power in Louisiana climate conditions. Establish a research agenda in solar power through grants and contracts from external funding sources. Other specific duties include developing efficient solutions to handle complex issues with solar power production; document research project ideas and outcomes in the form of technical reports, white papers, and publications; developing and leading presentations and tours in expertise areas. The successful candidate will work in a dynamic environment closely with students, other research scientists, staff members, and faculty members across many disciplines.

QUALIFICATIONS:

The Research Scientist position requires a PhD in Mechanical Engineering or closely related field. Preference will be given to candidates with strong system-level design and hands-on implementation experience in one or more of the following technologies: Solar energy (concentrating solar power, solar thermal, photovoltaics), Energy modeling software (RETScreen, PVSYST, SAM), Advanced visualizations (3D modeling, animations, rendering, virtual reality, augmented reality).

UNIVERSITY AND COMMUNITY:

The Department of Mechanical Engineering is one of five engineering departments in the College of Engineering at the University of Louisiana at Lafayette. Annual research expenditures in the department exceed \$1.3M a year, with primary focus areas in renewable energy, energy conservation, robotics biomedical devices, HVAC systems and combustion. The College of Engineering at the University of Louisiana at Lafayette has over 2,700 students and offers degrees from the B.S. through Ph.D. in all engineering departments.

The mission of the University of Louisiana at Lafayette is to offer exceptional education informed by diverse world views striving to develop innovative leaders who advance knowledge. The Southern Association of Colleges and Schools Commission on Colleges accredits the University, which offers undergraduate and graduate degrees in the arts, sciences, and professional programs. The University is a public research university with high research activity, an enrollment of over 18,000 students and 800 faculty members. UL Lafayette is the largest of nine universities in the University of Louisiana System. The University offers degree programs in 55 undergraduate disciplines, 15 post-bachelor certificates, seven graduate certificates, the master's degree in 28 disciplines and the doctorate in 10 disciplines. Additional information about the University is available on the University's webpage at <http://louisiana.edu/>

The core values of the University include: equity, integrity, intellectual curiosity, creativity, tradition, transparency, respect, collaboration, pluralism, and sustainability. UL Lafayette consists of nine degree-granting units: Arts, B.I. Moody III College of Business Administration, Education, Engineering, Graduate School, Liberal Arts, Nursing and Allied Health Professions, Ray P. Authement College of Sciences, and University College. Located midway between New Orleans and Houston, Lafayette is the heart of Louisiana's Acadian-Creole region. The city of over 126,000 is part of the Lafayette-Acadiana area, which has a total population of 616,000 and is one of Louisiana's fastest-growing metropolitan areas. Lafayette serves as the base of Louisiana's offshore oil industry, as well as the financial, retail, and medical center for South-Central Louisiana.

SALARY: Commensurate with experience.

ANTICIPATED STARTING DATE: 2-1-2017

APPLICATIONS:

Send letter of application, resume, and a list of three references to Dr. Terrence L. Chambers, P.O. Box 43678, Lafayette, LA 70504-4170. Applications can also be sent electronically to tlchambers@louisiana.edu. Applications will be considered until a suitable candidate is found.

The University of Louisiana at Lafayette does not discriminate on the basis of race, color, national origin, age, religion, sex, sexual orientation, or disability in admission to, access to, treatment in, or employment in its programs and activities as required by Title VI and Title VII of the Civil Rights Act of 1964, Age Discrimination in Employment Act of 1967, Age Discrimination Act of 1975, the Equal Pay Act of 1963, Title IX of the Education Amendments of 1972, Executive Order 11246, Section 503 and 504 of the Rehabilitation Act of 1973, Section 402 of the Vietnam Era Veterans Readjustment Assistance Act of 1974 and the 1990 Americans With Disabilities Act. - See more at: <http://personnel.louisiana.edu/employment-opportunities/policy-nondiscrimination>