

POSITION: Assistant Professor (Mechanical Engineering: Advanced Manufacturing, Automation & Robotics)

DESCRIPTION: The University of Louisiana at Lafayette's Mechanical Engineering Department invites applications and nominations for the 9-month tenure track position of Assistant Professor (Advanced Manufacturing, Automation & Robotics). A Tenure-track faculty member for this position is expected to be an excellent teacher in a cross-section of the following areas: Automation, Autonomous Systems, Controls, Dynamics, Dynamic Systems, Robotics, as applicable to the wider area of Advance Manufacturing/Industry 4.0. The faculty member is expected to develop a strong funded research program in the broad area of Advanced Manufacturing focusing on automation & robotic systems that can be integrated into the manufacturing environment. All faculty members participate in departmental, service, and undergraduate student advising activities.

QUALIFICATIONS: A Ph.D. in Mechanical Engineering or a closely related field is required, preferably with a B.S. in Mechanical Engineering from an ABET accredited program. Teaching expertise in the Dynamics and Control systems area is required. The candidate should demonstrate ongoing intellectual competence and professional development. Successful candidates must be committed to working effectively with diverse student populations. Applicants are expected to describe their commitment to fostering a diverse educational environment through their research, teaching, and/or service activities.

ADMINISTRATIVE UNIT: The Department of Mechanical Engineering is one of six departments in the College of Engineering at the University of Louisiana at Lafayette. The department has a very strong ABET accredited undergraduate program and a growing graduate program. Annual research expenditures in the department average between \$1M to \$2M per year, with current external research projects of over \$10M. The primary focus research areas are in renewable energy, energy conservation, robotics, materials, and biomedical devices. The College of Engineering at the University of Louisiana at Lafayette has over 1600 students, as of fall 2022, and offers B.S., M.S., and Ph.D. degrees in all engineering departments.

The University is the largest in the University of Louisiana System with about 850 faculty members and over 19,000 students, including undergraduates, graduates, and non-degree seekers. The

University is designated by the Carnegie Foundation, as an R1 University - "Research University with Very High Research Activity."

The mission of the University is to offer an exceptional education informed by diverse world views striving to develop innovative leaders who advance knowledge. The essential values of the University are: equity, integrity, intellectual curiosity, creativity, tradition, transparency, respect, collaboration, pluralism, and sustainability. Academic excellence is the objective of 68 undergraduate and 45 graduate certificates and degrees in the arts, sciences, and professional education. The Southern Association of Colleges and Schools Commission on Colleges accredits the University, which is a public doctoral research university with higher research activity. Additional information is available at louisiana.edu

The University is located in Lafayette, LA, an exciting community within Louisiana's beautiful Cajun Country. The community is highly technology-oriented and has a reputation of being a community in which people are prone to remain due to the high-quality lifestyle, pleasing climate, and the friendly nature of its people. Lafayette is located midway between New Orleans and Houston and is the heart of Louisiana's Acadian-Creole region. The city of over 130,000 is part of the Lafayette-Acadiana area, which has a total population of over 625,000 and is one of Louisiana's fastest-growing metropolitan areas. Lafayette serves as the energy, financial, retail, and medical center for South-Central Louisiana.

ADVANCED MANUFACTURING & ROBOTICS CLUSTER:

The University of Louisiana is building a cluster of research active faculty in Advanced Manufacturing, Autonomous Systems and Robotics to prepare our students for Industry 4.0, assist our local manufacturing community, and develop state of the art autonomous systems for applications in Future Work, Future Factory, Future Transportation and the like.

SALARY:

Commensurate with experience

APPLICATIONS:

Application must include a cover letter, curriculum vitae, research statement, teaching statement, and a list of three references. Preferred start date is August 2023. Applications submitted by February 17, 2023, will receive preferential consideration. The review process will continue until the position is filled. [Apply here.](#)

The University of Louisiana at Lafayette is dedicated to the goal of building a diverse faculty committed to teaching and working in a multicultural environment. Women, minorities, and individuals with disabilities are strongly encouraged to apply. 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 this [link](#).