Assistant Professor of Mechanical Engineering—Search # 67314
Allen E. Paulson College of Engineering and Information Technology / Department of Mechanical Engineering

The Department of Mechanical Engineering in the Allen E. Paulson College of Engineering and Information Technology invites applications and nominations for the position of Assistant Professor in the areas of Automotive, Vehicle and/or Machine Design and Simulation.

Georgia Southern University, classified as a doctoral/research institution by the Carnegie Foundation for the Advancement of Teaching, is a member of the University System of Georgia. As the largest and most comprehensive research institution in southeast Georgia, the University is a residential campus of more than 20,500 students representing 48 states and 89 nations.

Accredited by the Southern Association of Colleges and Schools Commission on Colleges, Georgia Southern offers a comprehensive array of baccalaureate degrees and selected master’s and doctoral programs through eight colleges: Business Administration, Education, Engineering and Information Technology, Health and Human Sciences, Liberal Arts and Social Sciences, Public Health, Science and Mathematics, and Graduate Studies. With an emphasis on academic distinction, excellent teaching, research, and student success, Georgia Southern offers both undergraduate and graduate students an attractive campus environment that encourages learning, discovery, and personal growth.

Founded in 1906, Georgia Southern lays claim to being the most beautiful campus in the state. Comprising more than 900 acres, the University grounds are an arboretum-like treasure featuring gently rolling lawns, scenic ponds, and soaring pines. Located in Statesboro, a safe Main Street community of approximately 30,000 residents not far from Savannah and Hilton Head Island, Georgia Southern provides the benefits of a major university with the feeling of a smaller college.

Within this setting, the Department of Mechanical Engineering, with 20 permanent, tenured or tenure-track faculty, offers undergraduate and graduate course in support of over 1000 students. Undergraduate mechanical engineering courses are offered in the areas of design, analysis, materials science and manufacturing processing, mechatronics, and energy science. Additionally, the faculty offer undergraduate courses in the area of manufacturing engineering and graduate courses leading to an MSAE in Applied Engineering with concentrations in Energy Science, Mechanical Engineering (general), Mechatronics, and Engineering Management. The B.S. in Mechanical Engineering program is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org.

Both the teaching and the research activities of the faculty have a strong applied emphasis. The successful candidate is expected to contribute to the mission of the department by: (1) developing and teaching undergraduate and graduate-level lecture and laboratory courses; (2) establishing a funded research program that partners with University colleagues, graduate students, undergraduate students, government agencies and/or regional industry; and (3) engaging in professional service.
Position Description. Reporting to the chair of the department, the position of assistant professor requires an ability to perform teaching, service and research responsibilities. Candidates must have an appropriate terminal degree in the field of Mechanical Engineering or a closely related discipline. The faculty member in this position is required to: (1) develop and teach undergraduate and graduate courses (lecture and laboratory); (2) supervise MS-level theses and undergraduate projects; (3) pursue scholarly activities (including funded research in the field, writing and managing grants, and preparing peer-reviewed publications); (4) engage in academic mentoring; (5) assist in program assessment and execution of the department’s continuous improvement plan; (6) participate in appropriate professional service; and (7) participate in professional activities and organizations. The position is a 9-month, tenure-track appointment, and the salary is competitive and commensurate with qualifications and experience.

Required Qualifications:
- A Ph.D., D.Eng, or equivalent degree in Mechanical Engineering or a closely related discipline by August 1, 2016
- A B.S. or equivalent degree in Mechanical Engineering or a closely related discipline.
- Effective English communication skills (verbal and written)
- Ability to develop and teach lectures and laboratories in courses such as Machine Design, Mechanism Design, Capstone Design, Automotive Design and Analysis, Automotive Dynamics, Stability and Performance, Vehicle Testing and Development, and Vibrations and Preventive Maintenance
- Demonstrated potential to conduct research in the relevant field

Preferred Qualifications:
- Relevant professional/industrial experience
- Professional Engineer (P.E.) licensure
- Previous teaching experience
- Ability to develop and teach lectures and/or laboratory courses in the areas of Dynamics of Rigid Bodies, Engineering Graphics, Solid Modeling and Analysis, Statics, Numerical Methods in Engineering, and/or other courses related to the position
- Experience with software such as AutoCAD, SolidWorks and Adams
- Record of scholarship and participation in professional activities
- Experience with ABET accreditation and/or continuous quality improvement activities
- Ability to mentor professional student organizations and teams

Screening of applications begins November 19, 2015, and continues until the position is filled. The preferred position starting date is August 1, 2016. A complete application consists of a letter addressing the qualifications cited above; a curriculum vitae; a statement of teaching philosophy (one page maximum); a statement of research goals (one page maximum); and the names, addresses, phone numbers and email addresses of at least three professional references, in a single pdf file. Other documentation may be requested. Only complete applications and applications submitted electronically will be considered. Finalists will be required to submit to a background investigation. Applications and nominations should be sent to:

Gustavo Molina, Ph.D., Search Chair, Search #67314
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Phone: 912-478-0125
More information about the institution is available through http://www.georgiasouthern.edu or http://ceit.georgiasouthern.edu/mechanical-engineering/. Georgia Southern University seeks to recruit individuals who are committed to working in diverse academic and professional communities and who are committed to excellence in teaching, scholarship, and professional service within the University and beyond. The names of applicants and nominees, vitae, and other non-evaluative information may be subject to public inspection under the Georgia Open Records Act. Georgia Southern University is an Affirmative Action, Equal Opportunity institution. Individuals who need reasonable accommodations under the ADA to participate in the search process should contact the Associate Provost.