Open Rank Faculty - Intelligent Manufacturing Systems, Robotics or Systems Engineering

Posting Details

Posting Details

Posting Number	F2194P
Working Title	Open Rank Faculty - Intelligent Manufacturing Systems, Robotics or Systems Engineering
Department	ENGR-Env Civil Agr & Mech
About the University of Georgia	Since our founding in 1785, the University of Georgia has operated as Georgia's oldest, most comprehensive, and most diversified institution of higher education (**https://www.uga.edu/**). The proof is in our more than 235 years of academic and professional achievements and our continual commitment to higher education. UGA is currently ranked among the top 20 public universities in U.S. News & World Report. The University's main campus is located in Athens, approximately 65 miles northeast of Atlanta, with extended campuses in Atlanta, Griffin, Gwinnett, and Tifton. UGA employs approximately 3,000 faculty and more than 7,700 full-time staff. The University's enrollment exceeds 40,000 students including over 30,000 undergraduates and over 10,000 graduate and professional students. Academic programs reside in 18 schools and colleges, as well as a medical partnership with Augusta University housed on the UGA Health Sciences Campus in Athens.
About the College/Unit/Department	
College/Unit/Department website	
Posting Type	External
Retirement Plan	TRS or ORP
Employment Type	Employee
Benefits Eligibility	Benefits Eligible
Underutilization	
Advertised Salary	
Anticipated Start Date	08/01/2025
Effective End Date (for Limited-Term postings)	
Job Posting Date	11/01/2024
Job Closing Date	
Open until filled	Yes
Special Instructions to Applicants	Applicants are asked to submit the following information along with their application: - A detailed curriculum vita. - A cover letter (not to exceed one page) addressing the candidate's experience relative to the responsibilities of the position. - A teaching statement not to exceed 2 pages. - A research statement not to exceed 2 pages. - The names, titles, and contact information for three professional references.

Inquiries about the positions should be directed to the chair of the search committee, Dr. Kenan Song (kenan.song@uga.edu) in the College of Engineering.
Review of applications will begin on January 15, 2025; however, applications will be accepted until the positions are filled.

Selected applicants will be required to submit transcripts and a background investigation demonstrating eligibility for employment with the University of Georgia.
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Location of Vacancy	Athens Area
EEO Statement	The University of Georgia is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, ethnicity, age, genetic information, disability, gender identity, sexual orientation or protected veteran status. Persons needing accommodations or assistance with the accessibility of materials related to this search are encouraged to contact Central HR (hrweb@uga.edu).
USG Core Values Statement	The University System of Georgia is comprised of our 26 institutions of higher education and learning, as well as the System Office. Our USG Statement of Core Values are Integrity, Excellence, Accountability, and Respect. These values serve as the foundation for all that we do as an organization, and each USG community member is responsible for demonstrating and upholding these standards. More details on the USG Statement of Core Values and Code of Conduct are available in USG Board Policy 8.2.18.1.2 and can be found online at **https://www.usg.edu/policymanual/section8/C224/#p8.2.18_personnel_conduct**.

Additionally, USG supports Freedom of Expression as stated in Board Policy 6.5 Freedom of Expression and Academic Freedom found online at **https://www.usg.edu/policymanual/section6/C2653**.

Position Details

Position Information

Classification Title	Open Rank
FLSA	
Faculty Rank	Open Rank
Contract Type	Academic (9 mo.)
Tenure Status	Tenure Track
Minimum Qualifications	
Position Summary	The **College of Engineering at the University of Georgia** invites applications for three positions with expertise that supports the advancement and adaptation of intelligent manufacturing systems. These positions seek to identify highly qualified candidates with expertise including but not limited to artificial intelligence for manufacturing and automation, digital twins, advanced automation and controls, precision control for intelligent machines, robotic systems and systems engineering, and intelligent design. These positions will be centered in the College of Engineering's **School of Environmental, Civil, Agricultural, and Mechanical Engineering (ECAM)** and will be supervised by the School Chair of ECAM. The College invites applications for three open rank, 9-month tenured or tenure-track faculty positions at the Assistant or Associate Professor level to support activities in intelligent manufacturing systems, robotics, or systems engineering. These positions will start on August 1, 2025, and are academic-year appointments (9 months) with an opportunity to supplement salary during the summer. The state of Georgia has an extensive multi-modal transportation network that includes the busiest airport in the world – Atlanta-Hartsfield Jackson International Airport – an expanding port in Savannah, and a robust interstate highway system that is a hub of the region. Examples of recent economic development successes in manufacturing include companies such as, **SK Battery America, Hyundai Motor Group**, **Rivian** Automotive, **Ascend Elements**, and Archer Aerospace. In addition, Georgia is currently home to over 7,900 manufacturing companies employing over 475,000 workers in a wide range of industries. The University of Georgia is well

positioned to take advantage of opportunities in smart manufacturing research and innovation due to its comprehensive nature and its extensive network across the state.

Additional Requirements	All candidates must have a Ph.D. in engineering, computer science or related discipline.
Relevant/Preferred Education, Experience, Licensure, and/or Certification	Candidates must also have a documented research background appropriate for the appointment rank, as evidenced by peer-reviewed publications, in the application of technologies, data analytics, or models to problems in agriculture or biology. For information about the requirements for each faculty rank, please see the **UGA Guidelines for Appointment, Promotion and Tenure.**
	To be eligible for tenure upon appointment, candidates must be appointed as an associate professor, have been tenured at a prior institution, and bring a demonstrably national reputation to the institution. Candidates must be approved for tenure upon appointment before hire.
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Preferred Knowledge, Skills, Abilities and/or Competencies	
Physical Demands	Typical lab, office, and teaching environment.
Is this a Position of Trust?	No
Does this position have operation, access, or control of financial resources?	No
Does this position require a P-Card?	No
Is having a P-Card an essential function of this position?	No
Is driving a responsibility of this position?	No
Does this position have direct interaction or care of children under the age of 18 or direct patient care?	No
Does this position have Security Access (e.g., public safety, IT security, personnel records, patient records, or access to chemicals and medications)	No
Credit and P-Card policy	Be advised a credit check will be required for all positions with financial responsibilities. For additional information about the credit check criteria, visit the **UGA Credit Background Check website**.
Background Investigation Policy	Offers of employment are contingent upon completion of a background investigation including, a criminal background check demonstrating your eligibility for employment with the University of Georgia; confirmation of the credentials and employment history reflected in your application materials (including reference checks) as they relate to the job-based requirements of the position applied for; and, if applicable, a satisfactory credit check. You may also be subject to a pre-employment drug test for positions with high-risk responsibilities, if applicable. Please visit the **UGA Background Check website**.

Duties/Responsibilities

Posting Specific Questions

Required fields are indicated with an asterisk (*).

Applicant Documents

Required Documents

1. Resume/CV
2. Cover Letter
3. List of References with Contact Information
4. Teaching Portfolio/Philosophy
5. Research Portfolio/Philosophy

Optional Documents