

Open Rank Tenure-Track Faculty Position in
Manufacturing, Systems and Automation
University of Georgia

Direct Link: <https://www.AcademicKeys.com/r?job=250056>

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Posted Dec. 6, 2024, set to expire Apr. 9, 2025

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| Job Title | Open Rank Tenure-Track Faculty Position in Manufacturing, Systems and Automation |
| Department | School of Environmental, Civil, Agricultural, and Mechanical Engineering https://engineering.uga.edu/schools/ecam/ |
| Institution | University of Georgia Athens, Georgia |
| Date Posted | Dec. 6, 2024 |
| Application Deadline | Open Until Filled |
| Position Start Date | August 2025 |
| Job Categories | Assistant Professor Associate Professor |
| Academic Field(s) | Manufacturing & Quality Engineering Agricultural Engineering - Other |
| Apply Online Here | https://www.ugajobsearch.com/postings/403413 |
| Apply By Email | |
| Job Description | |

The College of Engineering at the University of Georgia invites applications for one position with expertise supporting manufacturing, systems, and automation in precision agriculture.

This position seeks to identify highly qualified candidates with expertise at the intersection of data

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science, agriculture, and advanced manufacturing and engineering, with applications to integrative precision agriculture. This position 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.

Building on one of its key research strengths, the College invites applications for one open rank, 9-month tenured or tenure-track faculty positions at the Assistant or Associate Professor level to support activities in Integrative Precision Agriculture and Advanced Manufacturing. This position will start on August 1, 2025, and will be an academic-year appointment (9 months) with an opportunity to supplement salary during the summer.

Candidates considered for the associate professor rank must have qualifications and academic credentials that are commensurate with the promotion and tenure guidelines at the University of Georgia.

This is part of a major hiring initiative focused on applications related to manufacturing, systems and automation with applications to Integrative Precision Agriculture. Outstanding candidates who can contribute significantly to innovative solutions with applications in agriculture and manufacturing technologies are especially encouraged to apply.

The focus of this hiring initiative will be in the field of AI for Manufacturing, Design Automation, and Systems with applications in Integrative Precision Agriculture and Advanced Manufacturing. The incumbents are expected to work collaboratively with each other and with existing faculty at the University of Georgia, including faculty in cross-cutting units such as the new Institute for Integrative Precision Agriculture, the Phenomics and Plant Robotics Center, the Precision Agriculture team, and the Institute for Artificial Intelligence, among others. Applicants with strong background developing industry collaborations are encouraged to apply. Plans are underway for a new Institute of Integrative Precision Agriculture facility to support industry-academic partnerships in the

university's Innovation District.

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The new faculty member will be expected to develop a vigorous, high-impact, externally funded research program; work closely with other members of the cluster hire and existing faculty; effectively mentor graduate students and postdoctoral scientists; effectively support our teaching mission at the undergraduate and graduate levels; and contribute to an inclusive learning environment within the university.

Faculty hired as part of this initiative will join a rapidly-growing College of Engineering that combines interdisciplinary research and scholarship with excellent instruction and service. The UGA College of Engineering currently enrolls over 3,000 engineering majors and has 104 full-time engineering faculty across 15 degrees programs. The college also jointly administers the School of Computing in collaboration with the UGA Franklin College of Arts and Sciences, an academic unit that comprises over 1800 computer science majors and 45 full-time faculty. The College of Engineering is comprised for four interdisciplinary schools: the School of Chemical, Materials, and Biomedical Engineering; School of Electrical and Computer Engineering; School of Environmental, Civil, Agricultural, and Mechanical Engineering; and School of Computing.

Significant investments in infrastructure have resulted in an expansion of laboratory facilities for research and scholarship and new classrooms and instructional labs. College of Engineering faculty have space in two major

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capital projects on campus to create interdisciplinary research facilities. Our main instructional facility, Driftmier Engineering Center, has also undergone a complete renovation to create flexible classrooms that enable a range of teaching modalities and the incorporation of interdisciplinary instructional labs.

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The common instructional facilities also foster collaboration by allowing faculty, staff, and students to interact and collaborate in a single facility.

MINIMUM QUALIFICATIONS

All candidates must have a Ph.D. in engineering, computer science or related discipline.

ADDITIONAL QUALIFICATIONS

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.

APPLICATION PROCEDURE

All application materials must be submitted via the university's job portal at: <https://www.ugajobsearch.com/postings/403413>

Applicants are asked to submit the following information along with their application:

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- A detailed curriculum
- 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
- A research statement not to exceed 2
- The names, titles, and contact information for three professional

Inquiries about the positions should be directed to the chair of the search committee, Dr. Beshoy Morkos (bmorkos@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.

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 1,800 full-time instructional 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.

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EEO/AA Policy

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).

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Dr. Beshoy Morkos
School of Environmental, Civil, Agricultural, and
Mechanical Engineering
University of Georgia
Athens, GA 30602

Contact E-mail bmorkos@uga.edu