

**POSITION ANNOUNCEMENT**  
**Open Rank, Tenured or Tenure-Track Faculty**  
**Robotics and Automation**  
COLLEGE OF ENGINEERING  
UNIVERSITY OF GEORGIA

**Faculty Cluster Hire in Robotics, Systems, and Automation (Open Rank)**

**POSITION SUMMARY**

The [College of Engineering at the University of Georgia](#) invites applications for multiple positions in **Robotics, Design Automation, Autonomous Vehicles and Systems** at the Assistant, Associate or Full Professor rank with academic-year appointments. These positions seek to identify highly qualified candidates with expertise at the intersection of data science, agriculture, and advanced manufacturing and engineering, and will be centered in either the [College of Engineering's School of Environmental, Civil, Agricultural, and Mechanical Engineering \(ECAM\)](#) or the [School of Electrical and Computer Engineering \(ECE\)](#). This position will be supervised by the corresponding School Chair.

Building on one of its key research strengths, the College invites applications for multiple open rank, 9-month tenured or tenure-track faculty positions at the Assistant, Associate, or Full Professor level to support activities in Integrative Precision Agriculture, e-Mobility, and Advanced Manufacturing. These positions will start on August 1, 2023, and are academic-year appointments (9 months) with an opportunity to supplement salary during the summer.

Candidates considered for the associate or full professor rank must have qualifications and academic credentials that are commensurate with the promotion and tenure guidelines at the University of Georgia. These guidelines can be found at [the College of Engineering Criteria for Promotion and Tenure](#).

This is part of a major hiring initiative that will bring over 50 new faculty members in the broader area of Data Science and AI to the University. 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 Autonomous Robots, Human-Robotic Interaction, 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](#).

The new faculty members are 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 a diverse and inclusive environment within the university.

The UGA College of Engineering will utilize this initiative to demonstrate our commitment to diversifying our faculty and ensuring that we maintain and grow the culture of equity and inclusivity present in our College.

Diversity, equity, and inclusion are core values of the University and the College of Engineering's [Strategic Plan](#), and this hiring initiative will make use of the best practices to ensure an inclusive search process.

The [Diversity and Inclusion Plan](#) for the College of Engineering identifies priority areas for our investments and through the 2022-2023 academic year we are working to finalize a [Diversity and Inclusive Excellence Plan](#). The

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College offers structured mentoring programs for all faculty that support professional development. Several programs exist to enhance the inclusiveness of our College, including a student-led **Engineering Equity Council** and facilitated dialogue that promotes discourse on topics in diversity, equity, and inclusion.

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 4,000 engineering majors and has over 125 full-time faculty across 15 degree programs. The College of Engineering is comprised for four interdisciplinary schools: **The School of Environmental, Civil, Agricultural, and Mechanical Engineering**, **The School of Electrical and Computer Engineering**, **The School of Chemical, Materials, and Biomedical Engineering**, and **The School of Computing** — an innovative joint program shared with **Franklin College of Arts and Sciences** which launched this year.

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 will have space in two major capital projects on campus to create interdisciplinary research facilities. Our main instructional facility, **Driftmier Engineering Center**, has also undergone complete renovation to create flexible classrooms that enable a range of teaching modalities and the incorporation of interdisciplinary instructional labs. The common instructional facilities also foster diversity since they allow faculty, staff, and students to interact and collaborate in a single facility.

## REQUIRED QUALIFICATIONS

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

Specific criteria for Associate Professor and Professor level in potential home departments are summarized at <https://provost.uga.edu/policies/appointment-promotion-and-tenure/promotion-tenure-criteria/>

## POSITIONS AVAILABLE

To be eligible for tenure upon appointment, candidates must be appointed as an associate or full 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.

Review of applications will begin on 5<sup>th</sup> December 2022; however, applications will be accepted until the positions are filled.

Anticipated start date of August 1, 2023.

## APPLICATION PROCEDURE

Inquiries about the positions should be directed to the chair of the search committee, Dr. Jaime Andres Camelio ([jcamelio@uga.edu](mailto:jcamelio@uga.edu)) in the College of Engineering. All application materials must be submitted via the university's job portal at <https://www.ugajobsearch.com/postings/284423>

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 statement describing the candidate's commitment to diversity and the creation of an equitable and inclusive professional environment – not to exceed 2 pages.
- 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.



UNIVERSITY OF  
**GEORGIA**

College of Engineering

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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.

**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](mailto:hrweb@uga.edu)).**