

Open Rank Tenure-Track Faculty Position in Mechanical  
Engineering with a focus in E-Mobility  
University of Georgia

Direct Link: <https://www.AcademicKeys.com/r?job=250057>

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

<b>Job Title</b>	Open Rank Tenure-Track Faculty Position in Mechanical Engineering with a focus in E-Mobility
<b>Department</b>	School of Environmental, Civil, Agricultural, and Mechanical Engineering <a href="https://engineering.uga.edu/schools/ecam/">https://engineering.uga.edu/schools/ecam/</a>
<b>Institution</b>	University of Georgia Athens, Georgia
<b>Date Posted</b>	Dec. 6, 2024
<b>Application Deadline</b>	Open Until Filled
<b>Position Start Date</b>	August 2025
<b>Job Categories</b>	Assistant Professor Associate Professor
<b>Academic Field(s)</b>	Electrical and/or Electronics Mechanical Engineering
<b>Apply Online Here</b>	<a href="https://www.ugajobsearch.com/postings/403408">https://www.ugajobsearch.com/postings/403408</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

The [College of Engineering at the University of Georgia](#) invites applications for two positions with expertise that supports the advancement and adaptation of electric mobility technologies.

These positions seek to identify highly qualified candidates with expertise in mechanical engineering relating to electric mobility, including but not limited to electric drive technologies, controls, systems, manufacturing, fluid dynamics, and design. The positions will be centered in the College of Engineering's [School of Environmental, Civil, Agricultural, and Mechanical Engineering \(ECAM\)](#) and

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will be supervised by the School Chair of ECAM.

The College invites applications for two open rank, 9-month tenured or tenure-track faculty position at the Assistant or Associate Professor level to support activities in Electric Mobility Technologies. These positions will start on August 1, 2025, and will be academic-year appointments (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](#).

The hiring is part of a campus-wide [E-Mobility Initiative](#) that builds on the economic development opportunities that exist within the State of Georgia and the Southeast. The state 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. Recent economic development successes have grown the number of corporations that advance electric mobility such as, [SK Battery America](#), [Hyundai Motor Group](#), [Rivian](#) Automotive, [Ascend Elements](#), and Archer Aerospace. Further, the Georgia Department of Economic Development has created the Georgia Electric Mobility and Innovation Alliance to support growing the electric mobility ecosystem in the state and strengthening Georgia's position in electrification-related manufacturing and innovation. The University of Georgia is well-positioned to take advantage of these successes due to the comprehensive nature of the university and its extensive network into communities across the State.

The College of Engineering already has significant expertise in [basic and translational research](#) that supports programs in electric mobility. Faculty with expertise in electric power technologies, cyber-physical systems, advanced materials, battery technology, charging infrastructure, energy storage and grid technology, vehicle electrification, vehicle to grid technologies, lightweight materials, autonomous electrical vehicles, environmental sustainability, cybersecurity, human-machine interactions, solar cell technology and electrochemistry, are found in all four schools within the College. Expertise within the College is supported by an extensive network across campus in business, policy, law, and outreach that supports programs in electric mobility.

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. 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

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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](#).

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

### **MINIMUM QUALIFICATIONS**

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

### **ADDITIONAL QUALIFICATIONS**

Candidates must have a documented research background appropriate for the appointment rank, as evidenced by peer-reviewed publications. 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 demonstrable national reputation to the institution. Candidates must be approved for tenure upon appointment before hire.

### **APPLICATION PROCEDURE**

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All application materials must be submitted via the university's job portal at:

<https://www.ugajobsearch.com/postings/403408>

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

- A cover letter (not to exceed one page) addressing the candidate's experience relative to the responsibilities of the position.
- A detailed curriculum
- A teaching statement not to exceed 2
- A research statement not to exceed 2
- The names, titles, and contact information for five professional

Inquiries about the positions should be directed to the chair of the search committee, Dr. Beshoy Morkos ([bmorkos@uga.edu](mailto: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**



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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 and overall top 50 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.

### 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](mailto: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

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