

Assistant / Associate / Full Professor
University of Miami

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Downloaded On: Oct. 14, 2025 2:56pm

Posted Oct. 14, 2025, set to expire Feb. 25, 2026

Job Title Assistant / Associate / Full Professor

Department Electrical and Computer Engineering

<https://ece.coe.miami.edu/index.html>

Institution University of Miami

Coral Gables , Florida

Date Posted Oct. 14, 2025

Application Deadline Dec. 1, 2025

Position Start Date Fall 2026 or earlier

Job Categories Assistant Professor

Associate Professor

Professor

Academic Field(s) Robotics

Electrical and/or Electronics

Computer Engineering

Computer Science

Apply Online Here https://umiami.wd1.myworkdayjobs.com/UMFaculty/job/Coral-Gables-FL/Open-Rank-Faculty-Positions-in-Electrical-and-Computer-Engineering_R100091402

Apply By Email

Job Description

**Open-Rank Tenure-Track/Tenured Faculty Positions in Electrical and Computer Engineering
College of Engineering, University of Miami**

The [Department of Electrical and Computer Engineering](#) (ECE) at the University of Miami (Coral

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Gables, FL) invites nominations and applications for three open-rank, tenure-track faculty positions as part of a bold growth trajectory that will significantly expand the department's impact and visibility. This search represents the first phase of a multi-phase hiring plan to be executed over the next three to four years. While applications are welcome at all ranks, the department is particularly interested in early and mid-career faculty who are ready to accelerate UM ECE's growth with established research programs.

We seek exceptional scholars in the following strategic [thrust areas](#):

- **AI-Powered Microchips and Systems** (AI-powered microchips, AI-powered medical systems, edge intelligence, trustworthy and explainable AI)
- **Robotics and Autonomous Systems** (medical and surgical robotics, autonomous vehicles, drones, human-machine collaboration, assistive systems)
- **Quantum and Nano Technologies** (quantum communication, computing, sensing, nanoelectronics, emerging devices, energy-efficient systems)
- **Cybersecurity and Cyber Physical Systems** (hardware, software, and network security; AI for secure and resilient systems; privacy; secure sensing and control in critical infrastructures)

Candidates with a PhD in Electrical Engineering, Computer Engineering, Computer Science, or other closely related engineering disciplines are encouraged to apply.

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About the College of Engineering and the University of Miami

The College of Engineering (CoE) (<https://www.coe.miami.edu/>) houses six departments, including ECE, and complements the Frost Institute of Data Science and Computing, the Miller School of Medicine, and other academic units. Faculty in ECE have extraordinary opportunities for collaboration across the university, including with the world-renowned Miller School of Medicine and the UHealth system, enabling transformative research in medical robotics, AI-driven healthcare systems, smart devices, and other life-changing technologies. Faculty will also have opportunities to collaborate with the Rosenstiel School of Marine, Atmospheric, and Earth Science (RSMAS), one of the nation's top-ranked marine and atmospheric research schools, expanding the potential for innovation in areas such as sensing, climate, and ocean technologies. Joint appointments with other departments in the College and across the University are possible, and interdisciplinary work is strongly encouraged.

The University of Miami is an R1 institution and proud member of the Association of American Universities (AAU). UM is considered among the top-tier institutions of higher education in the United States for its academic excellence, superior medical care, and cutting-edge research. We are also one of the largest private employers in Miami-Dade County, home to more than 13,400 faculty and staff from all over the world. Through our values of Diversity, Integrity, Responsibility, Excellence, Compassion, Creativity, and Teamwork (DIRECCT) we strive to create an environment where everyone contributes to making UM a great place to work.

Miami: A City of Opportunity

Located in Coral Gables, a picturesque oasis in the heart of Miami-Dade County, UM offers a unique setting to build a career. Miami is now the eighth largest metro area in the United States and Florida is the third largest state. With zero state income tax, cultural diversity, a tradition of entrepreneurship, and a vibrant climate, Miami is attracting a massive influx of wealth and talent from around the world. The city is rapidly emerging as a global technology hub in health tech, digital tech, clean tech, nano tech, fintech, digital transformation, and the internet of things. Faculty will have the opportunity to partner with this growing ecosystem of startups, established tech companies, and venture investors.

Qualifications

Competitive candidates will demonstrate:

- A strong record of research excellence and a record for high-impact funded research
- Commitment to teaching and mentoring at both undergraduate and graduate levels
- A collaborative spirit that embraces interdisciplinary work
- A willingness to expand disciplinary boundaries to address complex technical and societal grand challenges

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Exceptional consideration will be given to early and mid-career candidates who lead externally funded research programs and successfully mentor doctoral students, particularly those able to leverage existing teams and projects to build collaborations at UM.

Application Process

For full consideration, applicants should upload a single PDF file (max 5MB) containing:

- Cover letter (must clearly state research area and anticipated contributions at UM)
- Curriculum Vitae
- Research statement
- Teaching statement (including philosophy, experience, and if senior, concepts for new courses)
- Contact information for at least three references

For full consideration, applications should be submitted by December 1, 2025. Review will begin immediately and continue until all positions are filled, with priority given to applications received by the deadline. Appointments are expected to begin in Fall 2026, although earlier start dates may be considered.

If the file size is larger or you require assistance with uploading, please contact coesearch@miami.edu. If you have any questions, please feel free to contact the Chair of the Search Committee, Dr. Manohar Murthi (mmurthi@miami.edu) or the Department Chair, Dr. Pinhas Ben-Tzvi (pbentzvi@miami.edu).

The University of Miami is an Equal Opportunity Employer - Females/Minorities/Protected Veterans/Individuals with Disabilities are encouraged to apply. Applicants and employees are protected from discrimination based on certain categories protected by Federal law. Click [here](#) for additional information.

Applicants must apply online using the link to the website accepting applications.

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Equal Opportunity/Non- Discrimination Statement

It is the policy of the University to provide equal opportunity to all applicants and employees. The University prohibits discrimination on the basis of race, color, religion, sex (including pregnancy), sexual orientation, gender identity, genetic information, national origin, age, disability, marital status, familial status, citizenship status, or other protected classification. This prohibition includes harassment based upon any of the aforementioned protected classifications, including sexual harassment and sexual misconduct.

The University also prohibits retaliation against anyone who files a complaint of discrimination; anyone against whom such a complaint is filed; or anyone who participates in an investigation of such a complaint.

Contact Information

The following persons have been designated to handle or coordinate inquiries regarding the University's non-discrimination policies:

FOR SEXUAL MISCONDUCT INQUIRIES:

Title IX Office

Maria Sevilla, Title IX Coordinator

Address: 6200 San Amaro Drive, Suite 230

Telephone: 305-284-8624

Email: titleixcoordinator@miami.edu

Website: miami.edu/titleix

FOR OTHER INQUIRIES REGARDING UM STAFF AND FACULTY:

Employee Relations

Jessica Pacheco, Executive Director

Address: 6200 San Amaro Drive, Suite 230

Telephone: 305-284-3064

Website: miami.edu/employeerelations

FOR OTHER INQUIRIES REGARDING STUDENTS:

Office of Disability Services

Telephone: 305-284-2374

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Email: disabilityservices@miami.edu

Dean of Students Office- for Student discrimination(non-sex)

Telephone: 305-284-5353

Email: doso@miami.edu

For further information on this notice of non-discrimination, including Title IX inquiries, contact the Office for Civil Rights, U.S. Department of Education, 61 Forsyth Street S.W., Suite 19T10, Atlanta, GA 30303-8927, Telephone: (404) 974-9471, Email: OCR.Atlanta@ed.gov.

Applicants with Disabilities Statement

Qualified individuals with a disability have the right to request a reasonable accommodation as part of the application process. To request a reasonable accommodation, applicants should call (305)284-3798 (Voice) or (305)284-5190 (TDD/TTY). Inquiries concerning a request for a reasonable accommodation will be responded to by Human Resources Office of Talent Acquisition and Recruitment, between its office hours of 8:30 a.m. to 5:00 p.m., Monday through Friday.

Contact Information

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

Contact Dr. Manohar Murthi
Electrical and Computer Engineering
University of Miami
Coral Gables, FL 33146-0640

Contact E-mail mmurthi@miami.edu