

Associate Professor, School of Modeling, Simulation, and  
Training  
University of Central Florida

Direct Link: <https://www.AcademicKeys.com/r?job=248919>

Downloaded On: Nov. 23, 2024 5:18am

Posted Nov. 15, 2024, set to expire Mar. 19, 2025

<b>Job Title</b>	Associate Professor, School of Modeling, Simulation, and Training
<b>Department</b>	School of Modeling, Simulation, and Training
<b>Institution</b>	University of Central Florida Orlando, Florida
<b>Date Posted</b>	Nov. 15, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Aug. 8, 2025
<b>Job Categories</b>	Associate Professor
<b>Academic Field(s)</b>	Industrial & Systems Engineering Human Factors Engineering/Ergonomics Computer Science Engineering - Other
<b>Apply Online Here</b>	<a href="https://jobs.ucf.edu/jobs/associate-professor-school-of-modeling-simulation-and-training-orlando-florida-united-states">https://jobs.ucf.edu/jobs/associate-professor-school-of-modeling-simulation-and-training-orlando-florida-united-states</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

### The Opportunity

The School of Modeling, Simulation, and Training (SMST) at College of Engineering and Computer Science (CECS) of the University of Central Florida (UCF) invites outstanding applicants for a 9-month full-time tenured associate professor position starting in Fall 2025. The successful candidate is expected to teach graduate level courses, advise graduate students (Ph.D. and M.S.) and postdoctoral

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scholars, contribute to university and professional service, and establish a top-quality, active interdisciplinary research program in one or more of the following areas: Modeling & Simulation, Human Systems, Human-Centered Modeling Simulation or Computation, Applied Human Factors in Complex Sociotechnical or Cyber-Physical Systems, AI-Human Teaming or Collaboration, Multimodal Human-Machine Data Analytics, Behavioral Cyber Security, or other closely related areas. Application areas include but not limited to defense, healthcare, security, space industry, semiconductor fabrication, Industry 4.0, logistics & supply chains, smart cities, K-16, and climate change. The faculty at SMST conduct both foundational and applied research.

Founded in 2001, the graduate programs at SMST are recognized as the first modeling and simulation programs in the nation. SMST is one of seven units within CECS, which is one of the two largest colleges on campus with over 15 thousand students, and over \$40 million in research funding. SMST also maintains a strong partnership with the UCF's Institute for Simulation and Training (IST) and its Knight's Digital Twin Initiative.

Located in Orlando, Florida, UCF is the largest university in the state by enrollment, and one of the largest universities in the nation with over 68 thousand students, 220 degree programs, and 13 colleges. UCF has been ranked by *U.S. News & World Report* as one of the top 5 most innovative public universities in the US for 2025. Central Florida is a hub for [modeling and simulation](#) that supports many government agencies and private companies with estimated \$7 billion in modeling, training, and simulation contracts.

**Minimum Qualifications:**

- A Ph.D. from an accredited institution in an area appropriate for this position.
- A strong record of research, teaching, and service commensurate with the rank of a tenured associate professor.
- A sustained record of research and extramural funding commensurate with tenured rank.

**Preferred Qualifications:**

-

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Experience in mentoring doctoral students, post docs, and early career faculty.

- Experience in interdisciplinary national and international research collaborations.
- Experience in online course development and instruction.
- Some administrative experience.

**Additional Application Materials Required:**

UCF requires all applications and supporting documents be submitted electronically through the Human Resources employment opportunities website, <https://www.ucf.edu/jobs/>. In addition to the online application, candidates should upload a 1) cover letter, 2) a current curriculum vitae, 3) research and teaching statement, and 4) a list with contact information for three (3) professional references.

The selected candidate will be required to submit official transcripts (and, as applicable, U.S. degree equivalency evaluations) documenting the conferral of their qualifying academic credentials.

**NOTE:** Please have all documents ready when applying so they can be simultaneously uploaded. Once the online submission process is finalized, the system does not allow applicants to submit additional documents later.

Questions regarding this search should be directed to Professor Roger Azevedo at [roger.azavedo@ucf.edu](mailto:roger.azavedo@ucf.edu).

**Job Close Date:**

Open until filled.

**Note to applicants:** Please keep in mind that a job posted as '*Open until filled*' may close at any time without notice. As such, we encourage you to submit your application and all required documentation as quickly as possible to ensure consideration for the posted position.

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**Are you ready to unleash YOUR potential?**

As a next-generation public research university and Forbes-ranked top employer in Florida, we are a community of thinkers, doers, creators, innovators, healers, and leaders striving to create broader prosperity and help shape a better future. No matter what your role is, when you join Knight Nation, you'll play an integral role at one of the most impactful universities in the country. You'll be met with opportunities to connect and collaborate with talented faculty, staff, and students across 13 colleges and multiple campuses, engaging in impactful work that makes a positive difference. Your time at UCF will provide you with many meaningful opportunities to grow, you'll work alongside talented colleagues on complex projects that will challenge you and help you gain new skills and you'll have countless rewarding experiences that go well beyond a paycheck.

**Working at UCF has its perks!?UCF offers:**

- Benefit packages, including Medical, Dental, Vision, Life Insurance, Flexible Spending, and Employee Assistance Program.?
- Paid time off, including annual (12-month faculty) and sick time off and paid holidays.
- Retirement savings options.?
- Employee discounts, including tickets to many Orlando attractions.?
- Education assistance.
- Flexible work environment.?

For more benefits information, view the UCF Employee Benefits Guide [click here](#).

**Unless explicitly stated on the job posting, it is UCF's expectation that an employee of UCF will reside in Florida as of the date the employment begins.**

**Additional Requirements related to Research Positions:**

Pursuant to Florida State Statute 1010.35, prior to offering employment to certain individuals in research-related positions, UCF is required to conduct additional screening. Applicants subject to additional screening include any citizen of a foreign country who is not a permanent resident of the U.S., or who is a citizen or permanent resident but is affiliated with or has had at least 1 year of education, employment, or training in China, Cuba, Iran, Russia, North Korea, Syria, or Venezuela.

The additional screening requirements only apply to research-related positions, including, but not limited to faculty, graduate positions, individuals compensated by research grants or contract funds, post-doctoral positions, undergraduate positions, visiting assistant professors, and visiting research



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associates.

**Department**

College of Engineering and Computer Science (CECS) - School of Modeling, Simulation and Training

**Work Schedule**

Varies

**Type of Appointment**

Regular

**Expected Salary**

Negotiable

**Equal Employment Opportunity Statement:**

The University of Central Florida is an Equal Opportunity/Affirmative Action Employer including Disabled/Vets. Click on [UCF's Equal Opportunity Statement](#) to view the President's Statement.

The UCF affirmative action plans for qualified individuals with disabilities and protected Veterans are available for inspection in the Office of Institutional Equity, Monday through Friday, from 9:00 a.m. to 5:00 p.m., upon request.

As a Florida public university, UCF makes all application materials and selection procedures available to the public upon request.

The University of Central Florida is proud to be a smoke-free campus and an E-Verify employer.

**EEO/AA Policy**

UCF is an equal opportunity/affirmative action employer. All qualified applicants are encouraged to



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apply, including minorities, women, veterans and individuals with disabilities. As a Florida public university, UCF makes all application materials and selection procedures available to the public upon request.

**Contact Information**

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

**Contact**

University of Central Florida  
Orlando, FL 32816