

UCF Chemistry is hiring! We are searching for two, tenure-track assistant professors and five lecturers in chemistry.

Assistant Professors: The Opportunity

The Chemistry Department at the University of Central Florida (UCF) invites applications for two full-time, 9-month, tenure-track position at the rank of assistant professor, anticipated to begin August 2024. The selected candidate will be expected to establish a vigorous independent research program, excel in teaching at both graduate and undergraduate levels, and provide service to the university, college, department, and professional organizations.

Research strengths within the Chemistry Department include materials chemistry, biochemistry, environmental chemistry, organic chemistry, photonics, chemistry education research, and forensic chemistry. The Department of Chemistry at UCF is a diverse, collegial department that values collaborations and mentorship across subdisciplines. The Chemistry Department has productive academic programs including the Chemistry Ph.D., Chemistry M.S., Forensic Science M.S., ACS-approved B.S. programs in Chemistry, Biochemistry, Forensic Chemistry, Forensic Biochemistry, and a B.A. program in Chemistry. Additional information about our department can be found at [Department of Chemistry \(ucf.edu\)](http://www.ucf.edu/chemistry).

Assistant Professor Position 1

Assistant Professor, research area open: The Department seeks outstanding candidates with research focus in organic chemistry, biochemistry, computational chemistry, radiochemistry, or environmental chemistry. Exceptional candidates with multidisciplinary interests across other areas of chemistry are also encouraged to apply.

Minimum Qualifications: A doctorate in Chemistry or a related science from an accredited institution, and at least two years of postdoctoral experience. Preferred Qualifications: The preferred candidate will demonstrate evidence of published research in one or more of the following areas: organic chemistry, biochemistry, computational chemistry, radiochemistry, or environmental chemistry.

Questions regarding this search should be directed to: Cherie L. Yestrebsky, Search Committee Chair, at Cherie.yestrebsky@ucf.edu.

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, interested candidates should upload the following materials at the time of application: 1) a cover letter; 2) a curriculum vitae; 3) a statement of research plans and goals; 4) a statement of teaching philosophy including any experience with student-centered learning approaches; 5) links to 2-3 recent key publications; and 6) a list with contact information for three (3) professional references.

Review of applications will begin January 5, 2024 and continue until the position is filled. The full advertisement can be found at: [University of Central Florida \(myworkdayjobs.com\)](https://www.ucf.edu/jobs/)

Assistant Professor Position 2

Assistant Professor, Molecular Electronics: The ideal candidate will have expertise in physical chemistry, experimental or theoretical physical chemistry, with focus on molecular electronics and quantum molecular materials. The position would be suitable for a chemist with interest in either instrumental, theoretical, or computational studies of molecular electronic systems, including using artificial intelligence and machine learning methods.

Minimum Qualifications: A doctorate in Chemistry or a closely related field from an accredited institution by time of hire is required. Candidate must also have a minimum of two-years of postdoctoral experience. Preferred Qualifications: Extensive experience in spectroscopy and/or computational studies and molecular modelling using machine learning and artificial intelligence demonstrated through peer-reviewed publications and presentations/distinctions at national and international levels. The publications and conference contributions will comprise an interdisciplinary portfolio.

Experience teaching and mentoring undergraduates and graduate students in chemistry, especially physical chemistry, with content that reflects expertise in emerging frontiers in machine learning and artificial intelligence.

Questions regarding this search may be directed to Prof. Fernando Uribe-Romo at fernando@ucf.edu

Additional Application Materials Required: UCF requires all applications and supporting documents to be submitted electronically through the Human Resources employment opportunities website, <https://www.ucf.edu/jobs/>. In addition to the online application, candidates should submit the following at the time of application: 1) A letter of application (cover letter) indicating qualifications for the position (up to two pages), 2) Curriculum vitae (CV), 3) Statement of future research plans (up to ten pages). 4) Statement of teaching (up to two pages), 5) A list of three academic or professional references (including address, phone number, and email address).

Review of applications will begin January 5, 2024 and continue until the position is filled. The full advertisement can be found at: [University of Central Florida \(myworkdayjobs.com\)](https://www.myworkdayjobs.com/UniversityofCentralFlorida)

Organic Chemistry Lecturer Positions (4)

The Opportunity

The Chemistry Department (sciences.ucf.edu/chemistry) at the University of Central Florida (UCF) invites applications for four full-time, nine-month, non-tenure earning lecturer positions anticipated to begin August 2024. In addition to contributing to teaching lecture and laboratory courses, the successful candidates are expected to participate in continuous curriculum improvement and provide service to the department, college, and university. The Chemistry Department at UCF values scholarly research in Chemistry Education and encourages lecturers to participate in this area of research.

Questions regarding the position may be directed to Dr. Yu Yuan, chair of the Search Committee, at yu.yuan@ucf.edu.

Minimum Qualifications: A doctorate in chemistry or a related field from an accredited institution with organic chemistry research experience by the time of hire.

Preferred Qualifications: Preference is for candidates who have the capability of instructing upper level and graduate courses in Organic Chemistry. Experience teaching organic chemistry and biochemistry courses is beneficial.

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, interested candidates should upload: 1) a cover letter; 2) a curriculum vitae; 3) a teaching philosophy; and 4) the names and contact information for three individuals to be contacted for reference checks.

Application review will begin in January and continue until positions are filled. The full advertisement can be found at: [University of Central Florida \(myworkdayjobs.com\)](https://www.ucf.edu/jobs/)

Lecturer-Laboratory Coordinator for In-person and online Freshman Chemistry Lab

The Opportunity

The Chemistry Department at the University of Central Florida (UCF) invites applications for one nine-month, non-tenure earning lecturer to coordinate and create in-person teaching labs and to create, coordinate, and teach online teaching labs. The position is anticipated to begin August 2024. There may be an opportunity for additional summer teaching.

The successful applicant must be highly organized and capable of guiding, directing, and monitoring graduate teaching assistants every semester and coordinating online and face-to-face general chemistry lab sections, along with teaching online general chemistry lab sections. In addition to contributing to teaching and coordinating laboratory courses, the successful candidate is expected to participate in continuous curriculum improvement and provide service to the department, college, and university. The Chemistry Department is dedicated to excellence in teaching and use of evidence-based teaching practices. The department has a robust chemistry education research program and encourages exploration of teaching/learning in all classes.

The selected candidate will:

- Coordinate and teach face-to-face and online General Chemistry teaching labs with the assistance of graduate teaching assistants (GTAs). This includes assisting in creating active learning course modules, developing strategies to add new laboratory experiments, assessing learning outcomes, coordinating course activities, and assisting with course technology, materials, and equipment needs.
- Develop new laboratory experiments for face-to-face labs and adopt new labs for online instruction.
- Assist in increasing the number of online labs offered.
- Assist the graduate program coordinator with GTA orientation.
- Mentor GTAs, lead and schedule GTA meetings, ensuring GTAs have completed required trainings each semester, provide feedback and evaluate GTA performance, and monitor graduate teaching assistants' activity.
- Maintain grade rolls for the laboratory.

Additionally, we are especially interested in a candidate who can contribute through their teaching and service to the diversity and excellence of our academic community and foster an environment in which faculty, staff, and students from a variety of backgrounds, cultures and personal experiences are welcomed and can thrive.

Questions regarding the position may be directed to Dr. Nicole Lapeyrouse, chair of the Search Committee, at Nicole.lapeyrouse@ucf.edu.

Minimum Qualifications: A doctorate in chemistry or a closely related science from an accredited institution is required by the time of hire.

Preferred Qualifications: Preference will be given to candidates with a strong grasp of general chemistry and experience teaching general chemistry laboratory in-person and online.

Review of applications will begin January 18th, 2024, and continue until the position is filled. The full advertisement can be found at: [University of Central Florida \(myworkdayjobs.com\)](https://www.ucf.edu/jobs/)

