

NMR Core Facility Director (Academic Assistant III)

Chemistry Department and Center for Open Research Resources & Equipment

University of Connecticut

Job Search #: 498031

JOB SUMMARY

The Department of Chemistry (<https://chemistry.uconn.edu>) at the College of Liberal Arts and Sciences and the Center for Open Research and Equipment (COR²E, <https://core.uconn.edu>) at the University of Connecticut seek a full-time Facility Director to lead an NMR Core Facility Resource. Instrumentation in the Chemistry-COR²E jointly managed facility includes three Bruker (300, 400, 500 MHz) and a Varian INOVA 600 MHz (with cryoprobe) spectrometers in two locations, which serve the growing needs of several dozen faculty across multiple departments on the Storrs campus.

DUTIES AND RESPONSIBILITIES

The successful candidate will be enthusiastic to run a full-service core and motivated to maintain a high-quality fee-for-service facility at the cutting edge of research. It is expected that the majority of the Facility Director's time will be spent providing consultations to faculty and students on NMR experiments and analyses, training users to run equipment, collecting spectra, and maintaining/trouble-shooting instruments. Hours may depend on users' needs. Additionally, the Director will regularly support user grant applications and is expected to spearhead grant applications to expand capabilities within the facility. While no formal teaching duties are part of the position, the Director will be expected to deliver workshops and presentations to the stakeholders to promote awareness of the facility.

MINIMUM QUALIFICATIONS

- Ph.D. in Chemistry, Biochemistry, Biophysics, Material Science, or closely related field.
- Mastery, including 5+ Years experience, in hands-on operation of modern solution-state NMR spectrometers.
- Experience with multi-dimensional experiments and multiple nuclei.
- Experience in collection of data on small molecule and macromolecular samples.
- Excellent written/oral communication and interpersonal skills and the desire to work in a service-oriented environment.
- Ability to troubleshoot NMR issues and perform typical maintenance routines.
- Ability and eagerness to provide technical consultations with large numbers of faculty and provide workshops/seminars for faculty and students.
- Willingness to lead in the writing of grant proposals aimed at supporting and advancing the core.
- Excellent organizational skills.

PREFERRED QUALIFICATIONS

- Post-doctoral experience and/or experience running an NMR core facility at another academic institution or in industry.
- Successful record of publishing peer-reviewed manuscripts that include varied applications of NMR.
- Experience writing federal grant proposals and a record of successfully funded federal grants.
- Experience teaching NMR-related content (e.g., through seminar, workshops, and/or courses) to students from a broad range of backgrounds.

ABOUT UCONN

Founded in 1881, UConn is a Land Grant and Sea Grant institution and member of the Space Grant Consortium. It is the state's flagship institution of higher education and includes a main campus in Storrs, CT, four regional campuses throughout the state, and 13 Schools and Colleges, including a Law School in Hartford, and Medical and Dental Schools

at the UConn Health campus in Farmington. The University has approximately 10,000 faculty and staff and 32,000 students, including nearly 24,000 undergraduates and over 8,000 graduate and professional students. UConn is a Carnegie Foundation R1 (highest research activity) institution, among the top 30 public universities in the nation. Through research, teaching, service, and outreach, UConn embraces diversity and cultivates leadership, integrity, and engaged citizenship in its students, faculty, staff, and alumni. UConn promotes the health and well-being of citizens by enhancing the social, economic, cultural, and natural environments of the state and beyond. The University serves as a beacon of academic and research excellence as well as a center for innovation and social service to communities. UConn is a leader in many scholarly, research, and innovation areas. Today, the path forward includes exciting opportunities and notable challenges. Record numbers of undergraduate applications and support for student success have enabled the University to become extraordinarily selective.

APPOINTMENT TERMS

This is a full-time, unionized (AAUP), non-tenure track position subject to annual renewal based on performance, budget, and institutional needs. Salary will be competitive based upon the successful candidate's qualifications and experience. Work location is at the Storrs campus.

TO APPLY

To apply visit <https://jobs.hr.uconn.edu/en-us/job/498031/nmr-core-facility-director-academic-assistant-3>. Applications must include: a **cover letter** outlining related experience to the position, a detailed **curriculum vitae**, and the names and contact information of **three (3) professional references**. Screening of applications will proceed immediately and will continue until the position is filled.

For more information regarding the Department of Chemistry or COR²E please visit our respective websites at <http://chemistry.uconn.edu> or <https://core.uconn.edu>.

Employment of the successful candidate is contingent upon the successful completion of a pre-employment criminal background check.

This position will be filled subject to budgetary approval.

All employees are subject to adherence to the State Code of Ethics, which may be found at <http://www.ct.gov/ethics/site/default.asp>.

The University of Connecticut is committed to building and supporting a multicultural and diverse community of students, faculty and staff. The diversity of students, faculty and staff continues to increase, as does the number of honors students, valedictorians and salutatorians who consistently make UConn their top choice. More than 100 research centers and institutes serve the University's teaching, research, diversity, and outreach missions, leading to UConn's ranking as one of the nation's top research universities. UConn's faculty and staff are the critical link to fostering and expanding our vibrant, multicultural and diverse University community. As an Affirmative Action/Equal Employment Opportunity employer, UConn encourages applications from women, veterans, people with disabilities and members of traditionally underrepresented populations.