



## Computational Facilities Manager/ Research Scientist III

The Department of Chemistry at UNT is seeking applicants for a research staff position responsible for the administration and maintenance of the departmental High-Performance Computing (HPC) facility. The start date for the position is flexible but should be no later than October 14, 2022.

We are seeking an individual who has a Ph.D. in Computational/Theoretical Chemistry or a closely related field. Experience managing and maintaining multi-user high-performance computing facilities, and a record of scholarship involving computational chemistry methods, are preferred qualifications. In addition to administering the HPC facility, the selected individual will provide technical support and training for faculty, graduate students, and other researchers who utilize computational chemistry software in their research.

The UNT Chemistry HPC clusters provide a core computational resource for the Center for Advanced Scientific Computing and Modeling (CASCaM, <http://cascam.unt.edu/>), a multi-departmental center which supports research, education, training, and outreach in computational science. As a key staff member supporting CASCaM, the selected individual will interact with diverse faculty, staff and students within the Chemistry department and in other disciplines, supporting a strong tradition of interdisciplinary and collaborative computational research at UNT. The Chemistry Department has recently received a federal grant to upgrade the HPC system with a new hybrid CPU/GPU cluster which will significantly enhance the facility's computational capabilities. The selected staff member will play a leading role in managing this upgrade and in supporting increased usage as the Chemistry Department seeks to grow its community of computational and theoretical researchers.

The University of North Texas (UNT) is a Carnegie R1 research university and a federally designated Hispanic-Serving Institution and Minority-Serving Institution, with a diverse population of over 40,000 students. UNT is located in Denton, [a cultural hot spot](#) on the northern edge of the Dallas-Fort Worth Metroplex, [one of the fastest growing metropolitan areas in the country](#). The [UNT Chemistry Department](#) is in a growth phase, having hired an endowed Welch Chair in Chemistry and four junior faculty in the past two years, with plans to hire up to six additional tenure-track faculty over the next few years. The UNT Chemistry Department is dedicated to creating a climate that values and promotes diversity, equity, and inclusion, and we welcome applications from people of color, women, and LGBTQ+ individuals.

Applicants should submit materials by visiting <http://jobs.untssystem.edu> and searching for posting number F906P, or by [following this link](#). A cover letter indicating your interest in the position and a current curriculum vitae are requested. In addition, please supply names and contact information for three professional references. We will contact you before communicating with your references. Evaluation of applications will begin on July 11, 2022 and will continue until the position has been filled.

For more information, please visit websites for the UNT College of Science <https://cos.unt.edu/> and the Department of Chemistry <https://chemistry.unt.edu/>.

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