University of Delaware

Equal Employment Opportunity Statement

The University of Delaware is an Equal Opportunity Employer which encourages applications from Minority Group Members, Women, Individuals with Disabilities and Veterans. The University's Notice of Non-Discrimination can be found at http://www.udel.edu/aboutus/legalnotices.html

Job No: 499219
Work Type: Faculty
Location: Newark/Hybrid
Categories: Chemistry & Biochemistry, Full Time

Tenure-Track Assistant Professor in Chemistry & Biochemistry

Department of Chemistry & Biochemistry

College of Arts and Sciences

The University of Delaware

Newark, Delaware

INTRODUCTION/POSITION: The Department of Chemistry and Biochemistry (https://www.chem.udel.edu/), in the College of Arts and Sciences, seeks a tenure-track assistant faculty in Analytical Chemistry and/or Data Science, broadly defined. This Tenure-Track Assistant Professor position will expand the research and educational missions of the Department of Chemistry & Biochemistry in new areas of analytical chemistry and/or data science. A faculty member in this position will benefit from an exceptional legacy of chemistry and biochemistry at the University of Delaware; an increasingly multidisciplinary department offering broad opportunities for collaborations across chemistry and biochemistry, including deep expertise in measurement science; and a community committed to increasing diversity and equity in our scientific community. We encourage applicants who will diversify our faculty as well as the expertise of our department. Across the University, state-of-the-facilities, including the Data Science Institute, will enable this faculty member's research.
QUALIFICATIONS AND RESPONSIBILITIES: We are seeking an exceptional candidate in Analytical Chemistry and/or Data Science, broadly defined. The successful candidate will have a Ph.D. in chemistry or a related field, a distinguished record of scholarship and research accomplishment, the potential for excellence in teaching chemistry related courses at both the undergraduate and graduate levels to an increasingly diverse student body. We encourage applications from highly creative individuals that seek to establish an externally funded, vibrant research program that features: (1) developing novel methods for the generation, analysis, interpretation, and visualization of chemical data and/or of complex chemical systems; or (2) using data science methods in complement to other approaches in solving challenges in the chemical and biochemical research space. Applicants with diverse research interests will be considered, including those individuals pursuing research that include aspects of analytical, statistical, machine learning, or computational approaches. Responsibilities will include establishing an externally funded, vibrant research program. In addition, the successful candidate will engage in creative and high-quality teaching and mentorship within an increasingly diverse student population at both the graduate and undergraduate levels, and be dedicated to incorporating diversity, equity, and inclusion principles and initiatives in their work. Our Department and University strongly encourage applications from diverse groups and backgrounds including women, racial and ethnic minorities, persons with disabilities, LGBTQ+ people, and all other groups underrepresented in the chemical sciences; we seek to enhance both the breadth of research in our department and the diversity of our faculty. The ideal colleague will strengthen and share our mission of maintaining a diverse, equitable, and inclusive environment.

CHEMISTRY & BIOCHEMISTRY AT UD: The Department of Chemistry & Biochemistry at the University of Delaware (https://www.chem.udel.edu) is within the College Arts and Sciences and has a strong commitment to innovation and education. The Department of Chemistry and Biochemistry has a robust graduate program with over 200 Ph.D. students. The University offers state-of-the-art core facilities in NMR, mass spectrometry, proteomics, bioimaging, X-ray crystallography, surface analysis, high-throughput experimentation, custom chemical synthesis, genomics, bioinformatics, nanofabrication, data science, and materials characterization; many of which are housed within the Department. The University research environment is strengthened by NIH-funded INBRE and Center for Translational Research Awards, an NIH Chemistry-Biology Interface T32 training grant, and an NSF-funded MRSEC center.

The Data Science Institute (DSI, https://dsi.udel.edu) at the University of Delaware aims to accelerate research in data sciences by serving as a nucleating effort to coordinate and catalyze initiatives across UD. DSI links researchers from all of UD's colleges and schools, supporting research grants, infrastructure grants, training grants, access to the Data Science & Computing Core Facility, and providing an inventory of data resources and computational tools. In addition, DSI supports research partnerships with industry, government, military officials and other institutions.

The College of Arts and Sciences at the University of Delaware offers exceptional educational experiences including integrated instruction, research and public engagement. With 24 academic departments and more than 25 centers, programs and institutes, the College serves close to 7,000 undergraduate students and over 1,000 graduate students with CAS majors, but also every single University student through foundational course work. The College's 600 faculty members emphasize the enduring value of an arts and science education and share a deep commitment to excellence in scholarship and all forms of creative and
intellectual expression. The College has departments in the arts, humanities, social sciences and natural sciences, and features outstanding research and teaching facilities. Faculty and staff encourage and support innovative interdisciplinary collaborations and students engage local, national and global audiences through research and creative activity. With annual research expenditures of approximately $38 million and growing, the College currently houses several large, interdisciplinary grants with significant funding from the NIH and NSF.

The University of Delaware (www.udel.edu) is one of the nation's oldest institutions of higher education, combining tradition and innovation. The university recognizes and values the importance of diversity and inclusion in enriching the experience of its employees and in supporting its academic mission. We are committed to attracting and retaining employees with varying identities and backgrounds, and we strongly encourage applications from educators from under-represented groups. UD provides equal access to and opportunity in its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression.

TO APPLY: Review of applications will begin on October 15, 2022, and will continue until the position is filled. Applicants should upload a letter of application, curriculum vitae, statement of initial research plans, statement of teaching philosophy, statement of interests in educational outreach or broadening participation in STEM, and contact information for three references at http://www.udel.edu/careers. For additional information, please contact Susan Cheadle (scheadle@udel.edu).

SALARY AND BENEFITS: Compensation packages are highly competitive and commensurate with experience and qualifications. The UD benefits package is one of the best in the nation.

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Notice of Non-Discrimination, Equal Opportunity and Affirmative Action
The University of Delaware does not discriminate against any person on the basis of race, color, national origin, sex, gender identity or expression, sexual orientation, genetic information, marital status, disability, religion, age, veteran status or any other characteristic protected by applicable law in its employment, educational programs and activities, admissions policies, and scholarship and loan programs as required by Title IX of the Educational Amendments of 1972, the Americans with Disabilities Act of 1990, Section 504 of the Rehabilitation Act of 1973, Title VII of the Civil Rights Act of 1964, and other applicable statutes and University policies. The University of Delaware also prohibits unlawful harassment including sexual harassment and sexual violence.

Applications close:

Apply Here: https://www.click2apply.net/qRDLn8C4R4MDyUxYghxxGb

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