TENURE-TRACK FACULTY POSITION

The Department of Chemistry at The University of Toledo invites applications for a tenure-track faculty position. Applicants immersed in the fields of bioanalytical chemistry and biochemistry are particularly sought, however researchers from any analytical or biochemical discipline are encouraged to apply. The appointment is expected to be at the Assistant Professor level, but a senior appointment may be considered for faculty with strong records of both research accomplishments and funding. A Ph.D. degree in chemistry, biochemistry or a closely related field is required; postdoctoral experience is preferred. The successful candidate will begin their appointment August 2014, pending budgetary approval, and will participate in undergraduate and graduate (M.S. and Ph.D.) teaching and research in their area of expertise, and will also be expected to develop and maintain a vigorous, externally-funded research program.

The University of Toledo is a comprehensive state institution with an enrollment of approximately 21,000 students located on an attractive suburban campus. The University offers competitive salaries and an excellent start-up and benefits package. Further information about the department is available at (http://www.utoledo.edu/nsm/chemistry/). Applicants must submit a cover letter, their curriculum vitae, a summary of research plans, and a statement of teaching philosophy as a single pdf file submitted to https://jobs.utoledo.edu and should also arrange to have three recommendation letters sent to: utchem@utoledo.edu. Review of applicants will begin on December 1st and continue until this position is filled. The Department encourages applications from minorities, women and persons with disabilities. The University of Toledo is an Affirmative Action/Equal Opportunity Employer M/F/D/V.
Dear Colleague,

As part of the continuing growth of the Department of Chemistry we are pleased to announce a search for an approved tenure-track faculty position in the area of analytical chemistry and the anticipated approval for a position in biochemistry. The candidates who are identified to fill these positions will have the opportunity to develop their independent career in a highly supportive, interdisciplinary environment with considerable opportunities for collaboration in a variety of research areas.

The analytical faculty in our department are taking on big challenges. Research in the analytical division includes the design of selective microelectrodes for the quantitation of compounds of biological interest and the development of new mass spectrometric techniques that are being applied in areas as diverse as processed food samples, human fat markers and tissue imaging. Ground breaking work is being conducted in the synthesis and application of ionic liquids with customized properties as solvents for biomass conversion, incorporation of magnetic properties for selective microextraction and analysis, and the detection of genotoxic impurities in pharmaceutical preparations.

The field of biochemistry remains a growth area in our department, with recently introduced undergraduate B.A. and B.S. degree programs and the pending expansion of our name to the Department of Chemistry and Biochemistry. Research in this field includes projects focused on all classes of biomolecules. Carbohydrate research is focused on glycopeptide-based cancer antigens, immunological studies of carbohydrate vaccines and the development of stereoselective synthetic methods. Mechanistic studies are being carried out on DNA replication/repair and on the investigation of protein-lipid interactions for the structural study of membrane proteins. Research in the area of protein chemistry applies techniques in enzymology and structural biology to investigate problems as diverse as enzyme catalytic mechanisms to novel approaches for the development of new classes of antibiotics.

Five NSF CAREER awardees and multiple active NIH grants in our department speak to the quality of our faculty, especially in the analytical and biochemistry areas. Outstanding instrumental support includes access to multiple high-field NMR spectrometers, MALDI-MS, ESI-MS, and a SYNAPT HDMS ion mobility mass spectrometer, as well as an array of powder, small molecule, macromolecule and ultra-high resolution X-ray diffractometers. Additional details on these and other available instrumentation can be obtained from the Instrumentation Center website (http://icenter.utoledo.edu).

We invite applications from well-qualified candidates who are eager to contribute to the future of our department. Additional details about the Department of Chemistry can be found on our website (http://www.utoledo.edu/nsm/chemistry/index.html). We appreciate your assistance in publicizing this academic career opportunity in your department and in making qualified candidates aware of these faculty positions.

Sincerely yours,

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