

University of Wisconsin-Eau Claire
Department of Chemistry
Assistant Professor in Chemistry

POSITION: The Chemistry Department at the University of Wisconsin-Eau Claire seeks a tenure-track faculty member at the rank of Assistant Professor to begin August 27, 2018. Salary will be commensurate with qualifications and experience.

RESPONSIBILITIES: A successful applicant will be expected to teach undergraduate courses in quantitative analysis, instrumental analysis, and general chemistry (including labs), as well as upper-division undergraduate courses in the candidate's area of expertise. The successful applicant is expected to develop a program of externally funded research; competitive start-up funds are available. In addition to teaching and collaborating with undergraduate students in research, the successful applicant will provide academic advising to students, engage in service to the university and community, participate in department, college, and university committee work, and carry out other duties as assigned.

QUALIFICATIONS: An earned doctorate in chemistry or closely related field by October 8, 2017 is required, with preference given to those with teaching and research interests related to analytical chemistry. A strong commitment to undergraduate teaching and an ability to establish a research program involving undergraduates is required. Postdoctoral or relevant industrial experience is preferred. An interest and ability to contribute to our Chemistry with Business Emphasis program, as demonstrated through prior industrial and/or entrepreneurial experiences, may be considered an asset. We seek candidates who value our tradition of liberal arts education. Research interests complementing those of existing chemistry faculty and compatible with the existing infrastructure will be considered an asset. An ability to bring diverse perspectives to the campus and to serve as a role model and mentor for students from underrepresented groups will be considered assets as well.

DEPARTMENT: The Department of Chemistry at UW-Eau Claire has 16 full-time faculty members and is ACS-certified. The department has a mission of providing high-quality undergraduate instruction in the chemical sciences through a combination of coursework and collaborative research. The Department of Chemistry emphasizes first-rate classroom teaching at all levels, along with undergraduate research activities that result in peer-reviewed presentations and publications.

The department maintains standard spectroscopy and chromatography resources, including FT-IR and UV-Vis spectrometers, GCs, and HPLCs. The department also has a GC/MS, a TOF-LC/MS, an MP-AES, and a 400 MHz NMR with z-gradient broadband and inverse detection probes as well as solid-state capabilities. Individual research programs in chemistry are supported by a single-crystal X-ray diffractometer, differential scanning calorimeters, a jet-cooled laser spectroscopy system, optical cryostats, and a spectrofluorometer. In addition, instrumentation available through UW-Eau Claire's Materials Science Center includes TEM, SEM, STM, AFM, Raman microscope, XPS, XRF, XRD, and ICP/MS (with ppq detection limits). Chemistry faculty also have access to a shared computational cluster comprising 304 cores and 16 GPUs.

Tradition of Undergraduate Research at UW-Eau Claire

UW-Eau Claire is officially recognized within the University of Wisconsin System as the Center of Excellence in Faculty/Undergraduate Student Research Collaboration. UW-Eau Claire is also an institutional member of the Council on Undergraduate Research. UW-Eau Claire is nationally recognized as one of the premier Midwestern undergraduate colleges in the public and private Comprehensive University sector (*U.S. News and World Report*).

The department was identified by Research Corporation as a national model for undergraduate research and received Research Corporation's first Department Development Grant in 1991. Faculty members actively seek external support; for example, currently active grants from federal, state, and private sources are bringing in just under \$1.8M to support collaborative research with students. Within the past decade, UW-Eau Claire chemistry faculty published over 100 peer-reviewed papers and patents, most with student coauthors.

The fruits of this philosophy manifest as excellent student outcomes: currently, about 40% of our graduates go on to graduate or professional schools, with most of the remaining securing employment in a chemistry related industries. The NSF CASPAR database of Baccalaureate Origins of Chemistry Ph.Ds. shows that over the period 1966 to 2014, UW-Eau Claire ranked in the 97th percentile among Comprehensive I and II institutions. The students in our program are regularly recruited into graduate programs at top-tier institutions, including MIT, Cornell, UC-Berkeley, UC-San Diego, USC, Northwestern University, UW-Madison, Yale University, University of Michigan, and others.

UNIVERSITY AND EAU CLAIRE COMMUNITY: The University of Wisconsin-Eau Claire is a comprehensive university with 800 faculty and academic staff, offering a variety of undergraduate and graduate programs to approximately 11,000 students. The fourth-largest university in the state, UW-Eau Claire has strong academic programs and a focus on experiential learning. The campus, often described as Wisconsin's most beautiful, is set on the banks of the Chippewa River in the heart of Eau Claire. A regional center

for western Wisconsin, Eau Claire is a vibrant, friendly, safe, and affordable community of 66,000 with outstanding schools, excellent health-care systems, and employment opportunities. The Eau Claire area is also a center for culture, featuring a diversity of restaurants, theater, a thriving arts community, and a wide variety of music. Eau Claire is home to both symphony and chamber orchestras, and hosts several music festivals each year, including the Eaux Claires festival that attracts both local talent and national acts. A wide range of parks, trails, outdoor sports and recreation opportunities exists in the city and surrounding areas. Metropolitan Minneapolis-St. Paul is just a 90 minute drive away, and the local regional airport provides jet service twice daily to Chicago's O'Hare airport.

APPLICATION PROCEDURE: Applications are submitted electronically. Interested candidates should apply online at: <http://www.uwec.edu/Employment/uweccareers>.

You must create an account and login before you can apply, unless you are currently employed in the UW-System, in which case, you can use your UW login. To register, click on the "Click here to Register" link to begin the registration process. If you are already a registered user, input your "User Name" and "Password" and select "Login." Click the link to the Department of Chemistry: Assistant Professor (Job ID# 13396) and then click the "Apply Now" button to submit your application electronically. Your application will not be considered complete until all required documents are attached and all required fields are completed.

Please be sure you include the following in a single file in PDF format

- Letter of application
- Curriculum vita
- Statement of research plans (3-5 pages)
- Statement of teaching interests and experience (1-2 pages)
- Graduate and undergraduate transcripts (You should include copies of your unofficial transcripts in PDF format along with the rest of your application. Official copies of your transcripts will be required before a position offer is made.)

Finalists will be asked to provide letters of recommendation at a later date. Only applications submitted electronically and compiled as a *single* PDF document will be accepted. Submissions in other formats, including multiple PDF files instead of a single one, **will not receive consideration**. Receipt of complete application packages will be acknowledged by e-mail.

If you have application questions, please email the chair of the search committee at ChemFacSearch@uwec.edu.

To ensure consideration, completed applications must be received by the priority date of October 8, 2017. However, screening may continue until the position is filled. Applicants may include links to online materials, which the search committee may consider at its discretion. The university reserves the right to contact additional references with notice given to the candidates at an appropriate time in the process. Inquiries about the search should be directed to the email address above. UW-Eau Claire is an AA/EEO/Veterans/Disability employer dedicated to enhancing diversity, equity, and inclusivity. A criminal background check is required prior to employment.

To learn more, visit the Employment at UW-Eau Claire website at <http://www.uwec.edu/employment/> and the Chemistry Department website at <http://www.uwec.edu/chemistry>