

Assistant Professor of Analytical & Materials Chemistry
Tenure Track
George Mason University

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Posted Nov. 5, 2021, set to expire Mar. 7, 2022

Job Title	Assistant Professor of Analytical & Materials Chemistry Tenure Track
Department	Department of Chemistry & Biochemistry
Institution	George Mason University Fairfax, Virginia
Date Posted	Nov. 5, 2021
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Materials Sciences/Polymer Sciences Chemistry - Analytical Chemistry - General
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Job Description

Assistant Professor of Analytical & Materials Chemistry Tenure Track

The George Mason University, Department of Chemistry & Biochemistry, within the College of Science (COS), invites applications from outstanding candidates for one tenure-track faculty position in Polymer/Materials/Analytical Chemistry beginning Fall 2022.

George Mason University has a strong institutional commitment to the achievement of excellence and diversity among its faculty and staff, and strongly encourages candidates to apply who will enrich Mason's academic and culturally inclusive environment.

Responsibilities:

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Primary teaching duties will include undergraduate and graduate level courses in Analytical & Materials Chemistry, which may include analytical chemistry, spectroscopy, and/or specialized topics within the candidate's research portfolio. All areas of specialization in experimental analytical & materials chemistry will be considered. We are particularly interested in individuals who will establish a nationally recognized and externally-funded materials research program that includes graduate and undergraduate student researchers in functional materials (synthesis and processing; surface and microstructure characterizations, optical characterizations, electrical characterizations), device applications, i.e., nanoelectronic, solar cells, and sensing applications. Excellent collaborative opportunities among departmental faculty members, the Quantum Science and Engineering Center (QSEC), University-wide faculty, and neighboring federal laboratories such as the Naval Research Laboratory and the National Institute for Standards and Technology are available and strongly encouraged.

The successful candidate will also perform standard departmental service activities, mentor students, and will be expected to establish collaborative relationships with Departmental faculty as well as with other groups within the University.

Required Qualifications:

- Completion of a PhD in Analytical & Materials Chemistry or a closely related discipline prior to starting this appointment;
 - Postdoctoral research experience; and
 - The ability to deliver engaging and high-quality instruction in Analytical & Materials Chemistry courses at the undergraduate and graduate levels.
- Preferred Qualifications:
- Record of seeking extramural research support evidenced by proposal submission and/or receipt of funding awards;
 - Record of successful team work in a collaborative environment;
 - A commitment to conducting research with graduate (PhD and MS) and undergraduate students; and
 - Strong interpersonal and communication skills.

About the Department:

The Department of Chemistry & Biochemistry has research labs and faculty distributed over three campuses addressing three primary research thrust areas: Fairfax campus (materials, energy and sustainability), the Science and Technology campus in Manassas (biomedical - biochemistry and synthetic organic chemistry), and the Potomac Environmental Research & Education Center (environmental chemistry). The research funding portfolio includes the Department of Defense, National Institutes of Health (NIH), National Science Foundation (NSF), other government and non-profit agencies, and private industry. Faculty in the department have close collaborations with

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researchers from a number of local and regional institutions, including the United States Army Medical Research Institute for Infectious Diseases (USAMRIID), Walter Reed Army Institute of Research (WRAIR), NIH, Food and Drug Administration, Naval Research Laboratory, National Institute of Standard and Technology (NIST), the United States Geological Survey (USGS), and Inova Health System among others. For more information, visit <http://chemistry.gmu.edu/> and <http://cos.gmu.edu/>.

The Department of Chemistry & Biochemistry offers undergraduate programs leading to the BA or BS (ACS certification) degrees in Chemistry, with optional concentrations in Biochemistry, Analytical Chemistry, Environmental Chemistry, or Materials Chemistry; a five-year BS/Accelerated MS degree; a traditional MS degree and a PhD in Chemistry. For more information about the Department of Chemistry & Biochemistry, visit us on the web at <https://cos.gmu.edu/chemistry>.

Special Instructions to Applicants

For full consideration, applicants must apply for position number F673AZ at <https://jobs.gmu.edu/>; complete and submit the online application; and upload the following documents:

- a cover letter (limited to 1 page);
- a current CV (limited to 3 pages);
- a statement of teaching philosophy and experience (limited to 1 page);
- a statement on diversity, equity, and inclusion (research, teaching, service (limited to 1 page))
- a research plan outlining potential student involvement (limited to 3 pages); and
- a detailed startup budget list of equipment needs (limited to 1 page) should be uploaded as the "Other Document".

Applicants should arrange to have three (3) recommendation letters sent directly from the letter writers to chem@gmu.edu in PDF format, sent to the attention of Analytical & Materials Chemist Search Committee.

Review of applications will begin on November 19, 2021 and continue until the position is filled.

George Mason University is an equal opportunity/affirmative action employer, committed to promoting inclusion and equity in its community. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability or veteran status, or any characteristic protected by law.

Contact Information

Please reference Academickeys in your cover letter when



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applying for or inquiring about this job announcement.

Contact

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