

# University of Mary Washington

## Chemistry and Physics

1301 College Avenue  
Fredericksburg, VA 22401-5300

### Assistant Professor of Chemistry – Analytical

<https://careers.umw.edu/postings/11061>

The University of Mary Washington Department of Chemistry and Physics invites applications for a tenure-track assistant professor in analytical chemistry, beginning August 16, 2022. The successful candidate will be responsible for teaching instrumental analysis, analytical chemistry, general chemistry, other courses (depending on expertise) such as environmental chemistry, and developing new courses that contribute to the liberal arts and sciences mission of the university. A Ph.D. in chemistry and experience with instrumentation are required. Experience in instrument training, maintenance and repair (LC-MS, GC-MS, HPLC, spectroscopy) as well as prior college teaching experience are desired. Prospective applicants are encouraged to visit the department's website at <https://cas.umw.edu/chemistry/>.

Recently recognized as a "Great College to Work For" by the *Chronicle of Higher Education*, UMW is centrally located between Washington, DC and Richmond, VA. Fredericksburg is in close proximity to many government labs, non-profit organizations, and private businesses offering opportunities for collaborative research and student internship opportunities.

The appointee can look forward to joining a faculty of 6 chemists who are committed to research that engages undergraduate students. The appointee will be expected to develop an original research program to complement existing departmental research programs, housed in and utilizing our newly renovated Jepson Science Center with expanded research spaces, including an instrumentation lab with UV-Vis and fluorescence spectrometers, ICP-AES, GC-MS, LC, and a new 400MHz NMR. . The normal teaching load is 12 credit hours per semester. In addition to the regular annual 9-month contract, opportunities for summer research and teaching are available. Continuing professional development and participation in departmental and college-wide service are expected. Completion of the Ph.D. is required by August 16, 2022.

Applicants should submit a letter of application, CV, and undergraduate and graduate transcripts (unofficial transcripts may be used for the application process and a description of undergraduate degree program experience may be substituted for an undergraduate transcript). In addition, applicants must submit a teaching philosophy that includes a discussion of their ability to contribute to a diverse community of people and perspectives and a research plan that describes how they will include undergraduate students in the research process. It is recommended that applicants include a statement detailing their experience with instrument maintenance and repair in their letter of application. Finally, applicants should include three recent letters of reference in their application. Applications must be submitted through <https://careers.umw.edu>. Candidates are required to complete the online application and electronically submit all required materials. Review of complete applications will begin on December 15, 2021. For questions regarding the position, please contact Dr. Randall D. Reif, Department of Chemistry and Physics, University of Mary Washington, 1301 College Avenue, Fredericksburg, VA 22401; email: [rreif@umw.edu](mailto:rreif@umw.edu).