The Department of Chemistry and Physics at the University of Mary Washington, a state supported, small liberal arts and sciences university located 40 miles south of Washington DC, in Fredericksburg, VA, is seeking applicants for a tenure-track Assistant Professor of Analytical Chemistry to begin August 16, 2023.

Approved by the American Chemical Society (ACS), the Chemistry Program at UMW offers Bachelor of Science degrees in both Chemistry and Biochemistry, with the option to pursue ACS certified degrees. Our program is based upon a modern curriculum and is supported by well-equipped laboratories that supplement and extend classroom instruction.

We are located in the recently renovated and expanded Jepson Science Center, with 115,000 square feet of teaching and research laboratory space. We have excellent instrumentation including a 400 MHz NMR, ICP-AES, DSC, GC-MS, FT-IR, HPLC, GC, UV-VIS, fluorimetry, Vernier systems, SEM, TEM, AFM-STM. We maintain site licenses for MestreNova, ChemDraw and Scifinder Scholar.

Our close-knit team of nine faculty specializes in working with eager undergraduate students in small classes and one-on-one mentoring settings. Passionate teachers are a hallmark of UMW. Successful applicants will demonstrate an enthusiasm for teaching at the undergraduate level, the ability to teach a variety of topics, an interest in involving undergraduates in research, and dedication to effective teaching and high-impact learning in an inclusive environment that embraces diverse talents and backgrounds.

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, close to many government labs and private engineering firms offering opportunities for collaborative research and student internship opportunities.

**Responsibilities**
The successful candidate will be able to teach in a student-centered small lecture and laboratory setting. The teaching load is 12 credits per semester and will include a one semester analytical chemistry course (with lab), instrumental analysis course (with laboratory), general chemistry (with lab) and other courses based on the candidate’s expertise and interests.

- Teach analytical chemistry and instrumental analysis
- Teach general chemistry
- Teach across the curriculum
- Establish an active scholarly research program involving undergraduate students
- Assist department in maintenance, training, and procurement of instrumentation (ex. HPLC, GC-MS)

**Required qualifications**
- PhD in Chemistry (or closely related field, with at least 18 graduate credit hours in chemistry)
  - ABD candidates will be considered. PhD must be awarded by August 16, 2023
- Ability to teach Analytical Chemistry, Instrumental Analysis, and General Chemistry

**Preferred qualifications**
- Experience maintaining instrumentation (See above. The program is particularly interested in expanding our LC and/or LC-MS resources)
- Teaching experience
- Research with undergraduates
  - Directed undergrads
• Published/presented with undergads

• A commitment to advancing the values of Diversity, Equity Inclusion and Respect, as articulated by the American Chemical Society and the University of Mary Washington’s Statement of Community Values

Applications must be submitted through [https://careers.umw.edu](https://careers.umw.edu).

Candidates are required to include

• Cover letter addressing
  o ability to teach Analytical, Instrumental and General Chemistry
  o instrument experience
  o awareness, knowledge and/or experience in supporting DEIR in the classroom and laboratory

• Curriculum vitae

• Teaching philosophy

• Research statement specifically describing the role of undergraduates in the project(s).

• Contact information for three references

• Unofficial transcript or list of chemistry and related courses, in English.

Application deadline is October 25, 2022. Review of applications will begin on October 1, 2022.

This position is budgeted for Visa sponsorship.

The University of Mary Washington is an equal opportunity employer committed to creating and supporting a diverse and inclusive work and educational community that is free of all forms of discrimination. This institution does not tolerate discrimination or harassment on the basis of age, color, disability, gender identity, genetic information, national origin, parental status, political affiliation, race, religion, sex, sexual orientation or veteran status. We promote access, inclusion and diversity for all students, faculty, staff, constituents and programs, believing that these qualities are foundational components of an outstanding education in keeping with our mission. The university is interested in candidates whose experience and qualifications support an ongoing commitment to these core principles.