

**College of Engineering & Physical Sciences  
Faculty Request To Search during AY 2026-2027**

1. **Department:** Chemistry
2. **Proposed faculty rank:** Assistant Professor
3. **Proposed maximum salary:** \$88,000

4. **OSU survey salaries at the requested rank for the following categories:**

		Average	Min	Max
\$	National	\$88,597	\$53,500	\$163,900
\$	Tenured/Tenure Track	\$93,694	\$59,171	\$163,900
\$	Research University Highest	\$90,837	\$55,000	\$163,900
\$	Region 1	\$102,223	\$55,000	\$163,900
\$	Non-Tenure Track (if requesting a Fixed Term faculty line)			

5. **CIP code and associated title for discipline.** 40.0500-Chemistry
6. **Proposed job description:** The assistant professor position responsibilities include developing and teaching undergraduate and graduate level classes, participation in department, college, and university service, and conducting scholarly research activity including applying for external grant funding, data collection/analysis, mentoring students, and communicating research results via presentation at national conferences and peer reviewed publications. The position would include a teaching load of approximately 23-33%, service 5% and the balance research 70-61.66% respectively.
7. **Retirement/resignation history:** List faculty lost to retirement or resignation over the past four years, along with rank. Provide brief explanations if desired.
  - Franco Basile has provided a letter of resignation effective in May 2026.
  - Teresa Lehmann, provided a letter of resignation effective August 2026
  - Caleb Hill provided a letter of resignation effective February 2026
  - Bruce Parkinson, retired spring 2022
  - Michael Taylor left the university in the spring of 2022
  - Carla Beckett Johnson, retired spring of 2023
8. **Hiring history:** List faculty hired or gained by line transfer during the last four years, along with rank. Include joint hires, e.g., SoC/AI. Provide brief explanations if desired.
  - Indrajit Bandyopadhyay, assistant lecturer, started fall 2023
  - Xuesong Li, assistant professor, started Fall 2023
  - Tak Suyama, assistant professor started Fall 2024
  - Liane Moreau, assistant professor, starting Fall 2025 (Startup fund supported by NRC grant)
9. **Estimated startup for this position:** \$850K
10. **Special considerations:** List any special arrangements or issues for funding the position.

## **Justification (1 page).**

The requested position is in the area of analytical chemistry, which will serve as a replacement for a faculty member who left UW for a position at Idaho National Labs. Analytical chemistry is a core discipline in the chemistry department and focuses on instrumentation and developing measurements which benefits all disciplines of chemistry and nearly every field of science. A major focus of the University recently is nuclear chemistry which has been supported by CEPS and SER through building a nuclear certificate program. We recently hired an inorganic chemist (Liane) who focuses on nuclear applications of inorganic and nanomaterials chemistry and through a similar strategic hire, we hope to build upon the momentum of her research program and develop a stronger, interdisciplinary nuclear chemistry research thrust in the department with this hire. We will also encourage applications from researchers that specialize in electrochemistry, which is a core teaching and research area in analytical chemistry that is utilized by collaborators in the department and across campus. Our focus in nuclear chemistry allowed us to recruit several top graduate students in the past year and we will continue to focus on this exciting area of chemistry that has been underrepresented in our department. In addition, we will be able to tap into funding through the Nuclear Regulatory Commission (NRC) which supported our previous hire but is underutilized by our faculty in general. The current faculty member who left UW developed an extensive research program in electrochemistry and nuclear chemistry and was successful in securing many grants during his career at UW including NSF, NRC, DOE and external companies like BWXT. His students trained in electrochemistry were highly recruited and landed jobs at national labs and postdoc positions at top research institutions after graduation. The new faculty member hired through this search will also serve the department, college and state through collaborative research endeavors. In addition, both undergraduate and graduate students trained by this faculty member will have highly desirable skills for analytical laboratories across the state including the WY Department of Environmental Quality (DEQ), Wyoming analytical laboratories, and be qualified to run QA/QC jobs necessary at most major manufacturing facilities.

The candidate will be responsible for a wide range of teaching including large enrollment, service courses like CHEM 1020/1030 General chemistry I/II and CHEM 2230 Quantitative Analysis. In addition, they would teach advanced upper-level courses and graduate courses like 3020 Environmental chemistry, 4230 Instrumental Methods, 5240 Advanced Chemical Instrumentation, and 5200 Special topics in analytical chemistry to coincide with their area of specialty. These undergraduate courses are critical to our American chemical society (ACS) accreditation specifically the 2230, 3020, and 4230 which are required to be taught at least every other year. Due to the service nature of our department, it is critical that this position be filled without a gap year to ensure that our teaching capacity is maintained, and we can offer these classes not only to our majors and grad students but also students across the university and engineering college.