

**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 general area of analytical chemistry, which will serve as a replacement for a retiring faculty member. Analytical chemistry is one of the core disciplines in the chemistry department and focuses on instrumentation and developing measurements which benefit not only other disciplines of chemistry but nearly every field of science. A major focus of the chemistry department moving forward is biological chemistry which was outlined in the CEPS 2030 plan. We recently hired an organic chemist (Tak) who focuses on biological applications of organic chemistry and through a similar strategic hire, we hope to build upon the momentum of his research program and develop a stronger, interdisciplinary biochemistry research thrust in the department with this hire. We will also target a researcher that can take advantage of the existing mass spectroscopy (MS) instrumentation already housed in the chemistry department and utilized by many researchers across campus. This new focus will allow us to recruit graduate students in an exciting area of chemistry that has been underrepresented in our department as well as tap into funding through NIH which is also underutilized by our faculty. The current faculty member who is retiring has developed one of the most collaborative research programs in the department with projects spanning ecology, microbiology, molecular biology, environmental chemistry, and chemical engineering. In addition, he received funding through several federal funding agencies including NSF, NIH, WY-EPSCoR, WY INBRE, SER and DTRA. His students trained in MS are also highly sought in the job market after graduation. The new faculty member hired through this successful search would have similar collaborative capabilities and interests. They will serve the department, college and state through these 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 Energy Laboratories. They will also 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 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 including many students across the engineering college and many pre-health disciplines.