

Assistant or Associate Professor
Washington State University

Direct Link: <https://www.AcademicKeys.com/r?job=246295>

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Posted Oct. 2, 2024, set to expire Nov. 8, 2024

Job Title	Assistant or Associate Professor
Department	Voiland School of Chemical Engineering and Bioengineering https://voiland.wsu.edu/
Institution	Washington State University Pullman, Washington
Date Posted	Oct. 2, 2024
Application Deadline	Nov. 8, 2024
Position Start Date	Aug. 16, 2025
Job Categories	Assistant Professor Associate Professor
Academic Field(s)	Chemical/Petroleum Bioengineering (all Bio-related fields) Engineering - Other
Job Website	https://tinyurl.com/yc6p4syw
Apply By Email	
Job Description	

Assistant or Associate Professor Faculty Position

The Gene and Linda Voiland School of Chemical Engineering and Bioengineering (VSCEB) at Washington State University (WSU) invites applications for a tenure-track faculty position at the assistant/associate professor level. We anticipate the new hire will assist VSCEB at WSU to further grow

our vibrant research and educational programs. We strongly encourage applicants from groups underrepresented in engineering to apply for the positions. The positions will be located at the

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WSU/Pullman campus and the individual hired for this position is expected to join existing faculty members on August 16, 2025.

Summary of Duties:

The VSCEB is recruiting a tenure-track faculty at either the assistant professor or associate professor level, depending on candidates' qualifications (please refer to the required and preferred qualifications section below). The successful candidate is expected to establish a dynamic, externally funded, nationally recognized research program, teach core and elective undergraduate and graduate courses in bioengineering and/or chemical engineering, mentor a diverse group of students, perform professional service, and publish scholarly work. VSCEB welcomes strong candidates working in the fields of experimental metabolic engineering, microbial engineering, or synthetic biology to address challenges in any of the following areas: energy, environment, and health-related research. Preference will be given to candidates working at the interface of chemical engineering and bioengineering to uniquely strengthen our existing research programs. VSCEB has a strong focus on the research of catalysis, CO₂ fixing, plastic recycling, electrosymbiotic engineering, microbial biofilms, metabolic engineering, molecular programming, human health-related protein and tissue engineering, and biomechanics. Successful candidates are expected to build collaborations within the Voiland School and with the Pacific Northwest National Laboratory, other WSU departments, nationally and internationally.

Required qualifications for all candidates at all ranks:

- An earned PhD in chemical engineering, bioengineering, biomedical engineering, or a closely related field prior to the start of the appointment.
- Ability to teach core bioengineering and/or chemical engineering classes and commit to services and collaborate with diverse internal and external groups.
- Demonstrated record of scholarly work.

Required Qualifications for Assistant Professor:

- The potential to establish a strong, nationally recognized research program with extramural funding that complements and uniquely enhances existing programs within the school and Washington State University.

Required Qualifications for Associate Professor:

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- A record of a robust, nationally recognized, extramurally funded research program that complements and uniquely strengthens existing programs within the school and Washington State University.

Preferred Qualifications for Assistant Professor:

- Experience serving as teaching assistants for Chemical Engineering and/or Bioengineering classes.

Preferred Qualifications for Associate Professor:

- Experience serving as instructors for Chemical Engineering and/or Bioengineering classes.
- Must meet requirements of an Associate Professor as described by the WSU Faculty Manual: chrome-extension: <https://facsen.wsu.edu/documents/2022/08/faculty-manual-pdf.pdf/> and VCEA T&P Guidelines: <https://vcea.wsu.edu/faculty-staff/policies-and-guidelines/tenure-andpromotion/>

SALARY RANGE and BENEFITS:

Assistant Professor 9-month Academic Salary Range: \$105,000.00 - \$115,000.00

Associate Professor 9-month Academic Salary Range: \$120,000.00 - \$130,000.00

In accordance with RCW 49.58.110, the above salary reflects the full salary range per rank for this position. Individual placement within the range is based on the candidate's current experience, education, skills, and abilities related to the position or as mandated by a U.S. Department of Labor prevailing wage determination. WSU offers a comprehensive benefits package which includes paid sick and vacation leave; paid holidays; medical, dental, life and disability insurance package for employees and dependents; retirement; deferred compensation and optional supplemental retirement accounts.

For a more detailed summary of benefits offered by WSU for Faculty visit:

<https://hrs.wsu.edu/wpcontent/uploads/2024/01/2024-Benefit-Overview-for-Faculty-and-AP-1.pdf>

Find total compensation information here: <https://hrs.wsu.edu/managers/recruitment-toolkit/totalcompensation/>.

Applicant Instructions:

Visit wsu.edu/jobs, select your appropriate employment status, and search R-12329 in the search bar. Applicants must upload the following required documents to their online application. External candidates, please upload all documents in the "Resume/CV" section of your application. Internal candidates, please

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upload all documents in the “Resume/Cover Letter” section of your application:

Applications must include: 1) a cover letter, 2) a curriculum vita, 3) a statement of research plans and potential synergy with VSCEB and other WSU faculty research activities (approximately 2 pages), 4) a statement of teaching experience and interests (maximum of 2 pages), 5) contact information for 4 professional references. The committee may contact the references at any time during the search.

Application Deadline:

Interested candidates must submit completed applications by November 8, 2024, at 11:59pm.

Inquiries should be directed to Dr. Wenji Dong, Chair of the Search Committee, by email at dongwenji@wsu.edu . Please also cc: Dr. Su Ha, Search Support suha@wsu.edu

About The Gene and Linda Voiland School of Chemical Engineering and Bioengineering:

The individual hired for this position will join existing faculty members in the VSCEB. As of Fall 2024, 240 undergraduate students and 41 Ph.D. students are enrolled in programs offered by the VSCEB.

We

currently graduate about 70 BS students and 13 Ph.D. graduate students each year. We plan to grow our

undergraduate and graduate programs through new and innovative research and educational offerings.

The bioengineering program has an exceptionally strong focus on electrochemically active biofilms, electrosymbiotic engineering, molecular programming, metabolic engineering, human health-related protein and tissue engineering, and biomechanics research. With over \$6.2 million in recorded annual research expenditures, the VSCEB faculty has an outstanding track record in receiving 6 NSF

CAREER

awards and acquiring several multi-million-dollar collaborative research grants and many individual project grants from NIH, NSF, DOE, USDA, ONR, DTRA, and other federal and private funding agencies.

In addition, the bioengineering and chemical engineering faculty have established strong synergy with other faculty in biology, chemistry, microbiology, neuroscience, and materials science as well as the WSU

College of Veterinary Medicine and the medical community in Spokane, WA, on human and environmental health-related research. Furthermore, our chemical engineering and bioengineering faculty

are integral to one of the nation’s longest-running, NIGMS-sponsored Ph.D. training programs, which is focused on protein biotechnology.

About WSU and Pullman, WA:

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WSU is among 108 public and private universities in America recognized with the “very high research activity” categorization and among 240 universities and colleges nationwide to earn the “community engagement” classification from the Carnegie Foundation. The chemical engineering program for the past two years has been in the top 20 in the Best Global Universities US News & World Report ranking (in the United States). In 2008, the school was named the Gene and Linda Voiland School based on the Voiland’s generous support. With a population of 34,000, Pullman is a quintessential college town—ranked #1 in the “Best Cities to Live in Washington” by the Washington State Chamber of Commerce 2019 report, one of the top 10 best college towns in the nation according to MSN’s 2012 report; ranked the #15 safest college town in America by a SafeWise 2019 report; and recognized by Bloomberg Businessweek as the “Best Place to Raise Kids” in Washington state. Pullman consistently boasts one of the top school districts in the state. Situated to the east of the Cascade Mountains, Pullman enjoys a dry four-season climate (21 inches of annual precipitation), with sunny, warm summers, relatively mild winters, and excellent access to outdoor recreational opportunities. WSU is an EO/AA Educator/Employer

EEO/AA Policy

Washington State University is an Equal Opportunity/Affirmative Action Educator and Employer. Members of ethnic minorities, women, special disabled veterans, veterans of the Vietnam-era, recently separated veterans, and other protected veteran, persons of disability and/or persons age 40 and over are encouraged to apply.



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WSU is committed to excellence through diversity and faculty-friendly policy action, including partner accommodation and NSF ADVANCE Institutional Transformation programs (<http://www.advance.wsu.edu/>). WSU employs only U.S. citizens and lawfully authorized non-U.S. citizens. All new employees must show employment eligibility verification as required by the U.S. Citizenship and Immigration Services.

WSU is committed to providing access and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. To request disability accommodation in the application process, contact Human Resource Services: 509-335-4521 (v), Washington State TDD Relay Service: Voice Callers: 1-800-833-6384; TDD Callers: 1-800-833-6388, 509-335-1259(f), or hrs@wsu.edu.

Notice of Non-Discrimination

WSU prohibits sex discrimination in any education program or activity that it operates compliant with Title IX. Inquiries regarding Title IX and reports of sex discrimination can be directed to the WSU Title IX Coordinator. More information on WSU's policies and procedures to respond to discrimination and harassment are available here: [Nondiscrimination statement](#).

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Wenji Dong
Voiland School of Chemical Engineering and
Bioengineering
Washington State University
PO Box 646515
Pullman, WA 99164

Phone Number 509-335-8684

Contact E-mail dongwenji@wsu.edu