

Open Full Professor Faculty Position
William G. Lowrie Department of Chemical and Biomolecular Engineering (CBE4)

The [William G. Lowrie Department of Chemical and Biomolecular Engineering](#) at [The Ohio State University](#) invites applications for a faculty position at the **Full Professor rank as an endowed chair**.

University Overview: [The Ohio State University](#) prides itself on being a model 21st-century public, land grant, research, urban, community-engaged institution. Ohio State is a top-20 public university, enrolling over 60,000 students, and its [Ohio State Wexner Medical Center](#) is one of America's leading academic health centers and recently ranked No. 4 on Forbes' list of best U.S. employers for diversity. The Ohio State University is in Columbus, Ohio. As the nation's 14th largest city, Columbus invites and embraces cultural and economic diversity. Read more at (experiencecolumbus.com).

College Overview: The [College of Engineering](#) offers 14 undergraduate and 13 graduate programs in 12 departments or centers, as well as three undergraduate and four graduate degrees in the Knowlton School of Architecture, to approximately 10,000 students. The college has recently expanded its degree offerings with a B.S. in Engineering Technology available on the regional campuses of the university. The college is one of the largest in the field with 405 faculty. The college has 14 National Academy of Engineering members and numerous members of societies and award recipients. In fiscal year 2020, the college had nearly \$138.5 million in externally sponsored research expenditures. Industry R&D expenditures for the College of Engineering in fiscal year 2020 totaled nearly \$44 million.

Department Overview: The [William G. Lowrie Department of Chemical and Biomolecular Engineering](#) is home to 24 tenured or tenure track faculty with research emphases in bioengineering, reaction engineering and catalysis, separations, colloids, molecular thermodynamics, polymers, nanomaterials, sustainability and the environment. We are housed in a state-of-the-art 225,000 ft² building dedicated to Chemical Engineering and the Chemical Sciences. Diversity and inclusion are core values in CBE. CBE acknowledges that varied human experiences and backgrounds enrich the community, and that by bringing a broader range of perspectives of all races, genders, and sexual identities to the field, diversity can advance science and engineering. CBE seeks candidates who can contribute to our welcoming climate of students, faculty and staff.

Position Overview: The William G. Lowrie Department of Chemical and Biomolecular Engineering at The Ohio State University seeks to fill a tenure-track position at the full professor level. We are interested in applicants in the following research areas: 1) Expertise in a broad range of energy fields including advanced materials, separations, reaction engineering, and catalytic or non-catalytic processes that are associated with but not limited to photo-, electro-, and/or thermo-chemical systems, as well as sustainability, green chemistry, process control, modelling, machine learning, data analytics, and artificial intelligence. 2) Expertise in research related to cancer, cardiovascular, or infectious disease diagnostics or therapies, biomaterials, cellular systems, and metabolic modeling. There are opportunities to collaborate with faculty colleagues in engineering, in science departments, or in our outstanding medical school and Comprehensive Cancer Center. Joint and courtesy appointments are common on our campus.

Required Qualifications:

- Ph.D. in Chemical Engineering or equivalent discipline
- National and/or international reputation in specialized research area as exemplified by national and international awards, and/or leadership positions in professional societies

Desired Qualifications:

- Commitment to promoting diversity and inclusion in all areas of scholarship, instruction, and outreach
- Experience working cooperatively and collegially to advance research and/or teaching programs with greatest efficiency and highest impact

How to Apply:

Interested applicants should submit an application in Academic Jobs Online:

<https://academicjobsonline.org/ajo/jobs/19191>). Please include a cover letter, curriculum vita, diversity statement (*describe experiences, current interests or activities, and/or future goals that promote a climate that values diversity and inclusion in one or more of the areas of scholarship, instruction and outreach*), statements of teaching and research interests, and names and contact information of five references.

The Ohio State University is committed to establishing a culturally and intellectually diverse environment, encouraging all members of our learning community to reach their full potential. We are responsive to dual-career families and strongly promote work-life balance to support our community members through a suite of institutionalized policies. We are an NSF Advance Institution, a member of the Ohio/Western Pennsylvania/West Virginia Higher Education Recruitment Consortium (HERC) and have an excellent partner in The Ohio State University Wexner Medical Center.

The Ohio State University is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to age, ancestry, color, disability, ethnicity, gender identity or expression, genetic information, HIV/AIDS status, military status, national origin, race, religion, sex, gender, sexual orientation, pregnancy, protected veteran status, or any other bases under the law.

Application deadline: Review of applications will begin immediately and will continue until the position is filled.