



Benjamin M. Statler College of Engineering and Mineral Resources
Department of Chemical and Biomedical Engineering
Assistant or Associate Professor in Process Systems Engineering

The Department of Chemical and Biomedical Engineering at West Virginia University invites applications for tenure-track positions at the rank of Assistant or Associate Professor depending upon qualifications. Candidates must have research expertise in the area of process systems engineering, with emphasis on one of the following areas: mathematical modeling including multi-scale modeling, process intensification, optimization, control, artificial intelligence techniques, and/or other computational approaches especially in the area of energy systems. The new faculty member will complement the already established and strong program in process systems engineering in the department that has more than 30 graduate students and over \$2 million/year in research funding.

Eligible candidates must have a PhD in chemical engineering focused in the area of process systems engineering. Candidates with a BS in Chemical Engineering and a PhD in a closely related engineering discipline and focused in the area of process systems engineering will also be considered. For the rank of Assistant Professor, post-doctoral research experience of at least one year is desired, but outstanding candidates without post-doctoral research experience will also be considered. Candidates for the rank of Associate Professor must have an outstanding record of teaching, research and service. Candidates must also have the ability to (1) teach a variety of courses at both the undergraduate and graduate levels within the Department; (2) develop and sustain an externally funded research program leading to national and international recognition, support and mentor graduate and undergraduate students, postdoctoral fellows and other research personnel, publish peer-reviewed papers, make presentations at national meetings and collaborate within multi-disciplinary teams of faculty and other researchers within the department, college, and university; and (3) perform service activities commensurate with the position and to the efficiency and effectiveness of the faculty member's department and college.

West Virginia University is the comprehensive Land Grant University of the State of West Virginia with a main campus enrollment of over 29,000 students, and a Carnegie Classification of Highest Research Activity (R1 University). Morgantown and its vicinity have a population of about 62,000 residents and are ranked among the most livable small cities in the country. The community lies within a high technology corridor that also includes several federal research facilities, such as the U.S. Department of Energy's National Energy Technology Laboratory (DOE/NETL), NASA's Independent Verification and Validation Facility (IV&V), the National Institute of Occupational Safety and Health (NIOSH) and the FBI, as well as private industry. The city is located within reasonable driving distances from Pittsburgh, PA and Washington, DC. Additional details on the area and the university are available at <http://www.morgantownwv.gov/> and <http://www.wvu.edu>.

The Statler College continues to grow, and currently has eight academic departments with over 4,200 students and 135 faculty members. It is nationally recognized for high quality teaching and research, as well as for its excellent faculty and students. The Department of Chemical and Biomedical Engineering has 14 faculty members and approximately 240 undergraduate and 60 graduate students. The Department offers degrees at the B.S., M.S., and Ph.D. levels. The Biomedical Engineering program has eight participating faculty from several departments including Chemical and Biomedical Engineering, Mechanical and Aerospace Engineering and Computer Science and Electrical Engineering.

To apply for this opportunity, visit jobs.wvu.edu. Applicants must submit a cover letter, curriculum vitae, the names and complete contact information of three professional references, a three-page narrative describing research expertise and plans, and a two-page statement on teaching philosophy. Application review begins on September 1, 2020. It should be noted that complete and professional quality documentation must be submitted in order for any candidate to be considered for this position. For further information, contact Richard Turton at 304-293-9364 or email: richard.turton@mail.wvu.edu or visit the CBE website at <http://cbe.statler.wvu.edu>.

West Virginia University is an Equal Opportunity/Affirmative Action Employer and the recipient of an NSF ADVANCE award for gender equity. The University values diversity among its faculty, staff and students, and invites applications from all qualified individuals, including minorities, females, individuals with disabilities, and veterans. The University received the 2019 Higher Education Excellence in Diversity Award and the Benjamin M. Statler College of Engineering and Mineral Resources has received the ASEE Bronze Award for Diversity.

WVU provides faculty members with a supportive environment for developing a visible and productive career (<https://talentandculture.wvu.edu/new-employees>), and facilitating suitable work-life integration (<https://faculty.wvu.edu/policies-and-procedures/work-life-integration>). WVU also offers a Dual Career Program to assist partners of its faculty members in job search and the transition of their own careers.