



WEST VIRGINIA UNIVERSITY  
BENJAMIN M. STATLER COLLEGE OF ENGINEERING AND MINERAL RESOURCES  
DEPARTMENT OF CHEMICAL and BIOMEDICAL ENGINEERING

The Department of Chemical and Biomedical Engineering in the Benjamin M. Statler College of Engineering and Mineral Resources at West Virginia University invites applications for multiple positions as Research Assistant Professor and post-doctoral fellow in the area of process systems engineering. For both positions, applicants must hold a Ph.D. in Chemical Engineering focused in the area of process systems engineering. Applicants must also have expertise in one or more of the following areas: 1) first-principles dynamic modeling and transient analysis; 2) dynamic reduced order modeling; 3) dynamic optimization; 4) stochastic optimization. Applicants with a background on process systems engineering applications in the area of energy systems and CO<sub>2</sub> capture are highly desired, but not necessary. For the Research Assistant Professor positions, applicants should have at least 1 year of postdoctoral experience in academia, government or industry in the area of process systems engineering.

Responsibilities for both positions will include but not limited to guiding graduate and/or undergraduate students; meeting deadlines, preparing, presenting, and reporting results effectively; working with other researchers from national labs, academia, and industry on all aspects related to this work; communicating effectively both orally and in writing as demonstrated through monthly and quarterly reports, preparation of peer-reviewed journals, and presenting at national and international meetings and conferences. It is expected that the applicants especially for the Research Assistant Professor positions should be able to work independently.

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 260 undergraduate and 60 graduate students. The Department offers degrees at the B.S., M.S., and Ph.D. levels.

WVU is the State's comprehensive Land Grant University with an enrollment of about 29,000 students and a R1 Carnegie Classification. Morgantown and vicinity has a diverse population of about 62,000 residents and is ranked highly among the most livable small cities in the country. The community lies within a high technology corridor that also includes several federal research facilities as well as industries active in shale gas operations. The city is readily accessible and within driving distance from Pittsburgh, PA and Washington, DC. For more information on WVU and Morgantown, see <http://www.wvu.edu> and <http://www.morgantown.com>.

Morgantown is a safe, inclusive, and family-friendly community. WVU provides faculty members with a supportive environment for developing a visible and productive career (<https://talentandculture.wvu.edu/new-employees>) and a range of progressive policies to support work-life integration (<https://faculty.wvu.edu/policies-and-procedures/work-life-integration>). WVU also offers a Dual Career Program to assist partners in their career transition and job search and belongs to the OH/Western PA/WV Higher Education Recruitment Consortium (<https://www.hercjobs.org/oh-western-pa-wv>).

To apply for this opportunity, visit [www.jobs.wvu.edu](http://www.jobs.wvu.edu). Applicants must include a cover letter, curriculum vita and a statement of research interests, and the contact information for at least three professional references. Applicants should *clearly* identify in the cover letter which position they are applying for. It should be noted that complete and professional quality documentation must be submitted in order for any candidate to be considered for this position. Review of the applications will begin at the earliest and will

continue till the positions are filled. For further information, contact Prof. Debangsu Bhattacharyya at (304) 293-9335, or e-mail: [Debangsu.Bhattacharyya@mail.wvu.edu](mailto:Debangsu.Bhattacharyya@mail.wvu.edu).

West Virginia University is proud to be an Equal Opportunity employer, and is 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 applicants regardless of race, ethnicity, color, religion, gender identity, sexual orientation, age, nationality, genetics, disability, or Veteran status.