

## Assistant/Associate Professor - Sustainable Biomaterials- 13166

Assistant/Associate Professor of Sustainable Biomaterials, Division of Forestry and Natural Resources @ West Virginia University College of Agriculture, Natural Resources and Design in Morgantown, WV.

**Academic Rank and Salary:** The Wood Science and Technology Program in the Division of Forestry and Natural Resources at West Virginia University is seeking to fill a nine-month, tenure track position at the rank of Assistant/Associate Professor with emphasis on sustainable low-rise residential construction and materials. We anticipate that the position will begin on August 1, 2020. Salary will be competitive and commensurate with the candidate's qualification and experience. Summer salary and start-up funds will be available initially in order to establish a research program, contingent upon availability of funds.

**Responsibilities:** This position will require the incumbent to focus on conceiving, inventing, and developing practical solutions to wood and biomass processing and manufacturing for sustainable building materials using mechanical, chemical, or biological means. The incumbent will be expected to develop a strong multi-disciplinary effort in several critical fields, including wood science, civil engineering, and chemical engineering. The incumbent will work closely with university faculty from different departments and colleges, including plant science, forest resource management, civil and mechanical engineering.

Responsibilities include but are not limited to the following:

Teaching undergraduate courses such as Physical Properties of Wood, Residential Building Materials and Construction, Forest Products Decision-Making; and advising/recruiting undergraduate and graduate students; developing a national research program focused on wood and biomass processing and manufacturing for bioproducts including solid wood products processing /manufacturing such as CLT's and carbon products, multi-component composites, and expansion of the use of underutilized wood resources; acquiring extramural funding, and publishing research results in refereed research journals; and collaborating with researchers and developers in the region, as well as state and federal agencies, establish long-term partnerships in sustainable biomaterials development.

Application: Applicants may apply for the position at <http://jobs.wvu.edu> and navigate to one of the position titles listed above. Upload the following documents for applications to Assistant/Associate Professor position:

- 1) Letter of application that discusses qualifications for the position;
- 2) Curriculum vitae, including a list of courses taught with dates;
- 3) A philosophy of teaching statement;
- 4) A research agenda;
- 5) Contact information for three professional references.

Direct inquiries should be forwarded to: Robert Burns, [Robert.Burns@mail.wvu.edu](mailto:Robert.Burns@mail.wvu.edu), 304-293-6781

Review of applications will begin May 1, 2020 and continue until the position is filled.

An earned doctorate in Wood Science, Materials Science, or Civil Engineering, or related disciplines is required at the time of appointment. Experience in wood and biomass processing and manufacturing for value-added bioproducts, lignocelluloses fibrillation, cellulosic biopolymer and composites, as well as postdoctoral research are preferred. Demonstrated ability to prepare extramural funding proposals, to communicate with students, industry, and government agencies, and to work as part of interdisciplinary research groups that cross-cut among science, technology, engineering, and mathematics (STEM) disciplines is essential.

West Virginia University is an Equal Opportunity Employer and does not discriminate on the basis of age, color, disability, marital status, national origin, race, religion, sex, sexual orientation, or veteran status. The University attempts to be responsive to dual career couples.

Meeting the needs of today's professional couples is a critical factor in WVU's success in recruiting and retaining new faculty and senior staff. Our Dual Career Program assists couples in your employment search. WVU belongs to the OH/Western PA/WV Higher Education Recruitment Consortium (HERC). Please visit [dualcareer.wvu.edu](http://dualcareer.wvu.edu) and [ohwpawherc.org](http://ohwpawherc.org) for more information and job postings