



Postdoctoral Research Associate – Wood Polymer Composites

The Forest Product Development Center in the School of Forestry and Wildlife Sciences at Auburn University is seeking a qualified individual for a postdoctoral position in wood thermoplastic composites to work on composite manufacturing and characterization at Auburn, Alabama. The primary focus of this position is to develop wood/nanocellulose polymer composites from wood fibers/nanocellulose extracted from downed timber. Characterization of the wood fibers/nanocellulose and their polymer composites for different applications, such as construction, automobiles, packaging, etc., will comprise the primary responsibilities of the position. Previous experience with polymer composite manufacturing processes (extrusion, injection molding, etc.), formulation development, structural and mechanical analysis, and durability characterization is desirable. This position is available for a minimum of one year with a potential renewal for a second year based on satisfactory performance and funding availability. Salary is commensurate with education and experience.

More information about the Forest Product Development Center can be found at <https://wp.auburn.edu/forestproducts/>. Further questions about the position should be addressed to Dr. Yucheng Peng (yzp0027@auburn.edu).

Minimum qualifications

Candidates must possess a Ph.D. or equivalent degree in wood science, polymer science and engineering, materials science and engineering, chemical engineering, or a closely related field at the time appointment begins. In addition, the candidate selected for this position must be able to meet eligibility requirements to work in the United States at the time the appointment is scheduled to begin and continue working legally for the proposed term of employment. Excellent written and interpersonal communication skills are required.

Applications should include a letter of interest, curriculum vitae, and the names and contact information of three professional references.

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

Auburn University is a public research and land-grant university in Auburn, Alabama. With more than 23,000 undergraduate students and a total enrollment of more than 30,000 with 1,260 faculty members, Auburn is the second largest university in Alabama. It is one of the state's two public flagship universities (<http://www.auburn.edu/>).