Assistant Professor in Forest Biomaterials and Energy

School of Forestry and Wildlife Sciences and the Cluster Hire Initiative at Auburn University

As part of the Auburn University’s Institute for Scalable Energy Conversion Science and Technology Cluster Hire Initiative, the School of Forestry and Wildlife Sciences (SFWS) invites applications at the Assistant Professor rank in Forest Biomaterials and Energy. This is a 9 month tenure-track position with a 75% research and 25% teaching appointment beginning Fall 2016. The successful candidate for this interdisciplinary position will be expected to participate actively in Auburn University multidisciplinary Cluster Hires Initiative in the cluster of Climate, Human, and Earth System Sciences. New faculty with expertise in Biomaterials and Energy will complement the University’s considerable existing expertise in these areas to form the core of this innovative multidisciplinary initiative. Participation in the Climate, Human and Earth System Sciences will be an important component in faculty annual reviews.

While not limited to just these areas, some examples of research could include: biomass to conversion to solid energy, biological conversion into fuels and co-products/polymer, biomaterials that add value to a broader biorefinery/bioenergy process, biomaterials in polymers or biopolymers for energy circuits or applications, biomaterials from bioenergy waste residues, new construction materials for energy conservation, energy conversion and efficiency during manufacturing, bioenergy conversion and co-products/polymer from genetically improved or fast growing trees, forest based nanotechnology for energy conversion. Other complimentary areas are also welcomed in the area of Forest Biomaterials and Energy.

The applicant should have research skills that can be applied to Forest Biomaterials and Energy resulting in a robust research program. The candidate must show the potential for mentoring graduate students, securing competitive grants and publishing in peer reviewed journals. The successful applicant will also participate in undergraduate and graduate instruction, contribute to undergraduate curriculum development, and perform education based advising activities. Teaching responsibilities include 2 undergraduate courses and a graduate course.

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A Ph.D. is required in one of the following fields: bioenergy, wood/plant chemistry, wood science, forest products, biomaterials, engineering, nanotechnology of renewable materials, new product development, renewable polymer science or other novel research programs relevant to Forest Biomaterials and Energy. We particularly seek applicants with demonstrated evidence of interdisciplinary research, securing grants, and innovation teaching.

To apply please go to http://aufacultypositions.peopleadmin.com/postings/1352, complete the online form and upload the required application documents: 1) cover letter addressing the candidate’s experience pertinent to the responsibilities of the position, 2) current curriculum vita, 3) Statement of research, 4) statement of philosophy on teaching at graduate and undergraduate levels, 5) copies of all graduate level academic transcripts, and 6) the names and contact information of at least three references. Review of applications will begin January 10, 2016 and will continue until a candidate accepts appointment.

This position is anticipated to start during the Fall of 2016. Applicants are encouraged to visit the AU website to learn more about Auburn University and Cluster Hire Initiative Applicants are encouraged to visit the AU website to learn more about Auburn University and Cluster Hire Initiative http://www.auburn.edu/academic/provost/strategic_hire.html. In support of our strategic plan, Auburn University will maintain its strong commitment to diversity with standards to help ensure faculty, staff, and student diversity through recruitment and retention efforts. Auburn University is an EEO/Vet/Disability employer. Applicants 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.