

Postdoctoral Fellow Auburn University

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Posted Aug. 7, 2024, set to expire Dec. 20, 2024

Job Title	Postdoctoral Fellow
Department	Forestry and Wildlife Sciences
Institution	Auburn University Auburn, Alabama
Date Posted	Aug. 7, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Environmental Sciences/Ecology/Forestry
Job Website	https://www.auemployment.com/postings/47584

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Job Description

Auburn University's College of Forestry, Wildlife, and Environment is seeking a highly motivated Postdoctoral Fellow to join our Forestry biotechnology Lab. This position will focus on pioneering the use of sustainable and cost-effective nanocellulose for DNA delivery in plant genetic engineering, aiming to significantly enhance crop quality and resistance to environmental stressors.

Develop and optimize the formulation of cellulose nanocrystals (CNCs) for efficient DNA delivery in plants. Conduct detailed experiments to evaluate the efficacy of CNC-mediated DNA delivery and its impact on plant genetic expression. Collaborate in multidisciplinary teams to innovate and refine bioengineering methodologies. Mentor graduate students and contribute to the lab's research goals through innovative project ideas and grant writing.

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

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