Urban Tree Ecophysiologist

A full-time research position is available at the Assistant Scientist II level (Ph.D.) in urban tree ecophysiology/arboriculture in the Department of Forestry and Horticulture, The Connecticut Agricultural Experiment Station (CAES) in New Haven. We are seeking a highly motivated scientist to develop and maintain a highly productive urban tree ecophysiology research program integrating genetic, biochemical, and whole plant response to develop mechanistic models of trees’ responses to stressors and proactive cultural treatments. Research is expected to provide the basis for innovative management prescriptions for residents and municipal governments to increase resistance to biological (e.g., insects, diseases) and abiotic stressors (e.g., compacted soils, climate change) by increasing tree health.

Department and CAES facilities include laboratories, greenhouses, and research farms. CAES is a state-supported scientific research institution that seeks solutions across a variety of disciplines for the benefit of urban, suburban, and rural communities. Our mission is to develop, advance, and disseminate scientific knowledge, improve agricultural productivity and environmental quality, protect plants, and enhance human health and well-being through research for the benefit of Connecticut residents and the nation.

The ideal applicant will show evidence of success in scholarly research addressing tree health through publications, presentations, and grant writing; possess excellent communication and organizational skills; is oriented toward collaborative research; has a compelling research direction; and demonstrated ability to interact with arborists, urban resource professionals, and public officials. The individual is expected to attract extramural funding, publish in quality peer-reviewed journals, participate in professional meetings, and present results in scientific forums and to the public. The starting salary is $79,000 with a generous benefits package.

Applicants must have a Ph.D. with research expertise in tree physiology, urban forestry, arboriculture, or closely related field. Applicants should submit by October 30, 2019: 1) resume/c.v., 2) cover letter summarizing qualifications, 3) summary of intended future research goals/plans (limit 3 pages); 4) graduate transcripts, and 5) names and full contact information for at least 2 references to Jeffrey S. Ward, Ph.D., Chief Scientist, Dept. Forestry and Horticulture, Connecticut Agricultural Experiment Station, 123 Huntington Street, New Haven, CT 06511; Jeffrey.Ward@ct.gov. Please include all material (except transcripts) in a single email. Review of application materials will begin immediately and continue until the position is filled.

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