



The Connecticut Agricultural Experiment Station

*Putting Science to Work for Society since 1875*

123 Huntington Street

New Haven, CT 06511

203.974.8500

Toll free: 1.877.855.2237

Fax: 203.974.8502

Email: [caes@ct.gov](mailto:caes@ct.gov) • [portal.ct.gov/caes](http://portal.ct.gov/caes)

**The Department of Environmental Sciences and Forestry at the Connecticut Agricultural Experiment Station (CAES) is seeking applications for a Postdoctoral Scientist.**

Drug abuse is a major problem affecting individuals and communities worldwide, but it is difficult to study. Analysis of untreated wastewater is an increasingly common technique for assessing drug use on a community scale. We are investigating drug abuse in cities across Connecticut by combining wastewater analysis with street level data collection in collaboration with local harm reduction groups and the Yale School of Public Health. The postdoc hired for this project will be responsible for planning and executing wastewater sample collection, conducting wastewater analysis using mass spectrometry techniques, and communicating with collaborators across disciplines to share data and publish meaningful results.

We are seeking a recent Ph.D. with training in environmental engineering, analytical chemistry, environmental health, or a closely related field. Preference will be given to candidates with experience in the following areas:

- Interdisciplinary collaboration and communication
- Field sampling of wastewater systems
- LC-MS analysis (including targeted and non-targeted methods) and sample preparation for analysis of organic contaminants in complex matrices
- Complex, multivariable statistics
- GIS software

Candidates must have a valid U.S. driver's license and be confident driving to different cities for sample collection. The candidate should demonstrate enthusiasm for the projects, a willingness to learn, a commitment to work cooperatively, and must be able to work independently and as part of a team. Strong written and verbal communication skills are required. A significant record of productivity as demonstrated through refereed publications is preferred. The appointment is for 1.5 years, with potential extension subject to performance and funding availability. The starting salary is \$56,982/yr with competitive medical and dental benefits. The ideal start date is November 1, 2025.

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Interested candidates should submit the following documents electronically:

- 1) A letter of application describing your interest in the position, research interests and career goals, and a brief overview explaining how your research experience will help you succeed with the position duties.
- 2) A Curriculum Vitae
- 3) The names and contact information (including email addresses) for three professional references.

Please send the above materials to Sara Nason ([sara.nason@ct.gov](mailto:sara.nason@ct.gov)) and Anuja Bharadwaj ([anuja.bharadwaj@ct.gov](mailto:anuja.bharadwaj@ct.gov)). Review of applicants will begin ASAP and continue until a suitable candidate is found. Candidates can contact Sara with any questions about the position.

The Connecticut Agricultural Experiment Station is the nation's first state Agricultural Experiment Station, founded in 1875. The main campus is located in New Haven, Connecticut. The CAES also encompasses a 75-acre research farm in Hamden, a satellite research facility and farm in East Windsor, and a research farm in Griswold. The CAES is a state-supported scientific research institution dedicated to improving the food, health, environment, and well-being of Connecticut residents.

Equal employment opportunity means employment of people without consideration of age, ancestry, color, criminal record (in state employment and licensing), gender identity or expression, genetic information, intellectual disability, learning disability, marital status, mental disability (past or present), national origin, physical disability (including blindness), race, religious creed, retaliation for previously opposed discrimination or coercion, sex (pregnancy or sexual harassment), sexual orientation, veteran status, and workplace hazards to reproductive systems unless the provisions of sec. 46a-80(b) or 46a-81(b) of the Connecticut General Statutes are controlling or there are bona fide occupational qualifications excluding persons in one of the above protected classes. To file a complaint of discrimination, contact Dr. Jason White, Director, The Connecticut Agricultural Experiment Station, 123 Huntington Street, New Haven, CT 06511, (203) 974-8440 (voice), or [Jason.White@ct.gov](mailto:Jason.White@ct.gov) (e-mail). CAES is an affirmative action/equal opportunity provider and employer. Persons with disabilities who require alternate means of communication of program information should contact the Chief of Services, Michael Last at (203) 974-8442 (voice), (203) 974-8502 (FAX), or [Michael.Last@ct.gov](mailto:Michael.Last@ct.gov) (e-mail).

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