



The Connecticut Agricultural Experiment Station

123 HUNTINGTON STREET, P.O. BOX 1106, NEW HAVEN, CONNECTICUT 06504

*Putting Science to Work for Society
Protecting Agriculture, Public Health, and the Environment*

Founded 1875

Postdoctoral Scientist Department of Plant Pathology and Ecology

The proposed project aims to characterize interspecies quorum sensing in the rhizosphere. Two thirds of the project will focus on characterization of rhizosphere bacteria using metagenomic and metatranscriptomic methods, and one third on chemical characterization of biomolecules in the rhizosphere.

We are seeking a recent Ph.D. with training in microbial ecology, molecular-plant-microbe interactions, or a closely related field. Preference will be given to candidates with experience in bacterial culture, metagenomics, metatranscriptomics, and various sequencing platforms, as well as small molecule characterization using mass spectrometry.

The candidate should demonstrate enthusiasm for the project, a willingness to learn, a commitment to work cooperatively, and must be able to work independently and part of a team and possess strong written and verbal communication skills. A significant record of productivity as demonstrated through refereed publications is preferred.

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 Dr. Quan Zeng at quan.zeng@ct.gov and Dr. Sara Nason at sara.nason@ct.gov. Review of applicants will begin on January 29, 2021 and will continue until a suitable applicant is found. Contact Dr. Zeng or Dr. Nason via email with any questions about the position.

This position is funded by the Louis A. Magnarelli postdoctoral fellowship for two years. The starting salary is \$51,622/yr. with competitive medical and dental benefits.

The Connecticut Agricultural Experiment Station is the nation's first state Agricultural Experiment Station, founded in 1875. The main campus is in New Haven, Connecticut. The CAES also encompasses a 75-acre research farm in Hamden, a satellite research facility and farm in 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, P.O. Box 1106, New Haven, CT 06504, (203) 974-8440 (voice), or Jason.White@ct.gov (e-mail). CAES is

Phone: (203) 974-8500 Fax: (203) 974-8502
Toll Free: 1-(877) 855-2237, CAES@CT.GOV
PORTAL.CT.GOV/CAES

An Affirmative Action/Equal Opportunity Employer

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 (e-mail).

Phone: (203) 974-8500 Fax: (203) 974-8502
Toll Free: 1-(877) 855-2237, CAES@CT.GOV
PORTAL.CT.GOV/CAES
An Affirmative Action/Equal Opportunity Employer