



The Connecticut Agricultural Experiment Station

Putting Science to Work for Society since 1875

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ANNOUNCEMENT OF ANTICIPATED POSITION

Post-doctoral Scientist, Molecular Nematology

The Department of Plant Pathology and Ecology at the Connecticut Agricultural Experiment Station (CAES) in New Haven, CT, is seeking applications for an anticipated postdoctoral researcher position in Molecular Nematology. The successful candidate will investigate virulence proteins in root-knot nematodes, particularly those that manipulate host biochemical and cellular processes during late-stage parasitism. This position is well-suited for a highly motivated scientist with a passion for uncovering the molecular mechanisms of plant–nematode interactions. Key responsibilities include independently designing and conducting experiments in gene silencing, transient protein expression, fluorescence microscopy, and protein-protein interactions; collaborating with both internal and external partners; preparing progress reports; drafting manuscripts for publication; and presenting research findings at scientific conferences.

CAES is a state government research agency, home to a collaborative community of 90 full-time researchers—among them 12 postdoctoral scientists—spanning five departments. We are dedicated to supporting postdoctoral fellows in reaching their broader career development goals. The position provides opportunities to mentor undergraduate researchers from local universities, deliver seminars and guest lectures, present research at conferences and workshops, and actively contribute to the direction of future projects. Situated less than a mile from Yale University, CAES postdoctoral scholars regularly participate in seminars and training programs at Yale’s Plant Molecular Biology Track and other affiliated departments.

Qualifications: Applicants must hold a PhD by the start of employment and have research expertise in plant pathology, nematology, molecular biology, microbiology, or a related field. Experience in cloning, gene silencing, protein-protein interactions, and plant experimentation is strongly preferred. Successful applicants will demonstrate evidence of strong oral and written communication skills.

Appointment: The initial appointment is for two years, with the possibility of extension based on performance and funding availability. The position offers a starting salary of \$56,982, along with health and dental benefits, vacation and sick days, and access to an active postdoctoral organization. This is an immediate opening, with a flexible start date for the selected candidate. Travel funds are available for conference and workshop participation. CAES is an equal opportunity and Title IX employer, dedicated to fostering a diverse and inclusive environment for all applicants, regardless of race, religion, national origin, sexual orientation, gender, marital status, age, or disability.

To apply, please send a single PDF containing: (1) a cover letter addressing your relevant experience and qualifications, (2) your CV, (3) one or two examples of published or in-press papers, and (4) contact information for at least three professional references (with a brief statement of your professional relationship to each) to Dr. Raquel Rocha at raquel.rocha@ct.gov. Applicant reviews will begin immediately and continue until a suitable candidate is identified.

CAES is an affirmative action/equal opportunity provider and employer. 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, status as a victim of domestic violence, 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). 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).

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