



## *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 position - Molecular Plant Breeding**

A Postdoctoral position is available immediately at The Connecticut Agricultural Experiment Station, New Haven, CT, USA. This is a grant-funded durational position. The project integrates molecular biology, genetics, and heterologous expression of gene products to assess mechanisms for engineering resistance to pests and diseases of ornamental horticulture plants. Applicants must have a Ph.D. in plant biology, genetics, and/or plant biotechnology. Individuals capable of independent work with a strong background in molecular biology and genetic transformation of plants are encouraged to apply. Skills: A complete skill set in molecular biology, including assembling multi-genes in an expression cassette, codon optimization systems for optimal functional expression in planta, PCR technologies, and Southern, Northern, and Western blots. The successful candidate is expected to have excellent written and verbal communication skills. Knowledge and experience in plant somatic embryogenesis, plant regeneration, and biolistic- and Agrobacterium-mediated genetic transformation are required. Experience in using cloning and genomic software for designing and constructing a physical map of a gene construct is required. Send CV, transcripts and names and contact information of three references to Dr. Richard Cowles at [Richard.Cowles@ct.gov](mailto:Richard.Cowles@ct.gov) or Dr. James LaMondia at [James.LaMondia@ct.gov](mailto:James.LaMondia@ct.gov).

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