Two Postdoctoral Position in Horticultural Science and Entomology

The plant breeding lab at Mid-Florida Research & Education center at University of Florida is seeking two highly motivated postdoctoral researchers to conduct studies in 1) genetics and molecular biology of multiple plant species with an emphasis on lettuce; 2) RNAi silencing technology for biological control of whitefly.

For the first position, it requires a person with strong background and interest in plant molecular biology and genetics, and a desire to work on both applied and molecular approaches (CRISPR gene-editing, gene-stacking, RNAi silencing, miRNAs manipulation, genetic mapping, plant transformation as well as plant physiology and biochemistry). The successful candidate will use an integrated approach to understand temperature effect on lettuce seed germination and flowering (Huo et al. (2013) Plant Cell 25:884-900; Huo et al. (2016) PNAS, 113(15): E2199; Huo et al (2016) Plant Journal, 88:345-360), and leaf senescence of multiple plant species. Applicants should receive a Ph.D. degree within the past 5 years with solid background in plant molecular biology and genetics or related disciplines, and have at least one first-authored publication in a peer-reviewed journal. Some experiences in tissue culture, plant physiology, genomics will be a plus.

For the second position, it requires a person with strong background and interest in entomolgy, molecular biology and genetics, and a desire to work on both applied and molecular approaches (RNAi silencing, qRT-PCR, plant transformation, insect culture). Applicants should receive a Ph.D. degree within the past 5 years with solid background in entomology, molecular biology and genetics or related disciplines, and have at least one first-authored publication in a peer-reviewed journal. Some experiences in tissue culture and genomics will be a plus.

Candidates should be able to think critically and work independently, have excellent organizational and communication skills in written English. Salary will be $47000/year. This position is immediately available until filled. The position term is one year, and renewable contingent on performance. Qualified applicants should send a CV with a paragraph of research experience/achievement, and contact information for at least two references by email to hhuo@ufl.edu.