



United States Department of Agriculture

Research, Education, and Economics
Agricultural Research Service

POSTDOCTORAL RESEARCH ASSOCIATE - ENTOMOLOGY

The USDA, ARS, Invasive Insect and Behavior Laboratory (IIBBL) in Beltsville Agricultural Research Center, Beltsville, Maryland is recruiting the highly motivated candidate for a POSTDOCTORAL RESEARCH ASSOCIATE position with TWO YEAR APPOINTMENT, with possibility of extension. Position is available immediately at GS-11 level, \$74,950 per annum, plus benefits. The incumbent will be independently and cooperatively working on research project of semiochemical-based behavior modifying compounds toward development of sustainable insect pest management strategies. The incumbent is expected to collect volatiles from insects and host plants, identify the potential compounds, determine the chemical structures, synthesize the target compounds, carry out laboratory bioassays, conduct semi-field/field tests to evaluate the activities of identified compounds, prepare/present research presentations, and write the manuscript/publish research results.

The position requires a recent Ph.D. with knowledge of entomology, chemical ecology, analytical chemistry, and organic chemistry. A broad familiarity with plant bug biology, ecology, behavior, and skill in the use of statistical analysis software is preferred.

This is a temporary full-time position in the Federal Government and is limited to U.S. citizens.

For detailed information on USDA, ARS, IIBBL, please visit our website:

<https://www.ars.usda.gov/northeast-area/beltsville-md-barc/beltsville-agricultural-research-center/invasive-insect-biocontrol-behavior-laboratory/>

Please send CV with 3 references and brief statement of research interests to Dr. Aijun Zhang, USDA, Agricultural Research Service, Invasive Insect Biocontrol and Behavior Laboratory, Bldg. 007, Rm. 303, BARC-West, 10300 Baltimore Ave., Beltsville, MD 20705-2350. Tel: 301-504-5223 (Office), E-mail: aijun.zhang@usda.gov. *USDA/ARS is an equal opportunity employer and provider.*



Invasive Insect Biocontrol and Behavior Laboratory

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