Scientific Position: Research Entomologist (Insect Toxicologist)
Salary Range: $76,721 to $118,603 per year

Announcement opens: 01/05/2021  Closes: 02/04/2021

The incumbent is a Research Entomologist (Insect Toxicologist) in the Southern Insect Management Research Unit (SIMRU) in Stoneville, Mississippi. The incumbent is independently responsible for conducting research to evaluate acute and chronic toxicity of commonly used insecticides and their impacts on pest and beneficial insects, non-target organisms, and the environment; planning insecticide modes of action, mechanisms of resistance to insecticides, resistance management, insecticide discovery, and developing strategies to slow down or suppress the resistance development in target pests. Identify mechanisms of insecticide resistance for insect populations with variable susceptibilities and develop alternative control approaches; risk assessment of pesticide efficacy, residues, additive/synergistic toxicity of pesticide mixtures, pesticide resistance development, and characterization of resistance mechanisms; and identify new targets that can be exploited for development of insecticides with alternative modes of action.

This is a competitive, permanent appointment and U.S. citizenship is required. For further details about this position and how to apply, go to: https://www.usajobs.gov/GetJob/ViewDetails/588234000; vacancy announcement number: ARS-D21Y-10998322-ABS. For questions, contact: Dr. Gadi V.P. Reddy, gadi.reddy@usda.gov

** ARS is an Equal Opportunity Employer and Provider **