

## **Job: Post-Doc Position Available in Stoneville MS**

**Position:** Research Entomologist/Toxicologist (Post-doc Research Associate) position is available now with starting salary ~\$60,210/yr (GS-11). Annual contract is extendable to a maximum of two years contingent upon performance.

**Location:** USDA-ARS, Jamie Whitten Delta States Research Center, Stoneville, Mississippi 38776.

**Major Duties:** The incumbent will actively plan research and conduct experiments to examine the toxicological impact of pesticides on honey bees by using bioassay, biochemical, and molecular approaches. Research will focus on acute and sublethal toxicities of individual and mixtures of representative pesticides, toxicity and mechanisms of interaction of insecticides with other agrochemicals and other CCD-causing factors (such as mite and viral infestations), and factors influencing pesticide susceptibility (intoxication and detoxification) in honey bees. Biological and physiological responses; and gene regulations, including defense-, immunity-, stress-, and other important metabolism-related responses, will be examined.

**Qualifications:** US citizenship is required. This position requires a Ph.D in entomology with research experience in pesticide toxicology or a related field of study, such as biochemistry and molecular biology. The research assignment requires a knowledge of the principles, theories, and research experience of insect physiology, toxicology, and apiculture (beekeeping and research experience with honey bees will be a merit for the position). Applicant must be knowledgeable and creative in conceiving and planning research, and must demonstrate a strong ability to conduct experiments independently and collaboratively. The applicant must demonstrate knowledge, ability, and skills in both basic and applied research and in writing and publications.

**Send Application or Contact:** Dr. Yu Cheng Zhu at [yc.zhu@ars.usda.gov](mailto:yc.zhu@ars.usda.gov) or 662-686-5360.