Post Doctoral Researcher, USDA-ARS-BARC Sustainable Agricultural Systems Laboratory
Beltsville, MD and University of Maryland, Plant Science Department, College Park, MD.

Starting Date: Negotiable, early-2016 preferred. Position open until suitable candidate found.

Salary: Starting salary depends on previous experience up to approximately $63,000. The position comes with a competitive benefits package.

Background:
The selected applicant will join a USDA-ARS Area-Wide funded project titled: “An integrated pest management approach to addressing the multiple herbicide-resistant weed epidemic in three major U.S. field crop production regions.” The national project involves a multidisciplinary team (weed scientists, ecologists, economists and social scientists), across 17 states tasked with moving adoption of integrated weed management (IWM) forward to help solve the problem of multiple herbicide resistant weeds.

Duties and Responsibilities:
Experience with conducting field-based research is required. Experience with laboratory- and greenhouse-based research is desired. We are looking for candidates with excellent organization and quantitative skills, demonstrated record of research excellence, and expertise in the following areas of weed science: weed ecology/biology, population dynamics, multi-tactic weed management, and strong quantitative skills.

Duties will include: coordinating field and laboratory experiments, organizing and analyzing data, writing and presenting research results in scholarly journals and extension publications, presenting results at meetings with producers, farmers and industry representatives, and supervising and training undergraduate and graduate students. The successful candidate will have ample opportunities for the development of independent but related lines of research on multi-tactic weed management, IWM, and cover crop-based weed management.

Experience and Qualifications required:
- PhD in Weed Science/Ecology, Plant Ecology/physiology, Agronomy or soil science.
- Excellent writing and presentation skills.
- Strong background in statistics, preferred candidate will have experience with statistical modeling, and demographic simulation modeling.

Special requirements:
- Valid driver’s license.
- Must be able to successfully pass the background check process.

Questions regarding this position may be directed to:
Dr. Steven Mirsky, USDA-ARS Sustainable Agricultural Systems Laboratory, Beltsville, MD, steven.mirsky@ars.usda.gov, 301-504-5324 or Dr. Burkhard Schulz, University of Maryland, Department of Plant Science and Landscape Architecture, College Park, MD, bschulz1@umd.edu, 301-405-1317.