POSITION ANNOUNCEMENT

Title: Assistant Professor and Extension Weed Control Specialist - 50/50 split of Extension and Research
Category Status: 12 Month Tenure-Track Position
Unit: AGNR-Plant Science and Landscape Architecture
Position #: 103680

Campus/College Information: Founded in 1856, University of Maryland, College Park is the flagship institution in the University System of Maryland. Our 1,250-acre College Park campus is just minutes away from Washington, D.C., and the nexus of the nation's legislative, executive, and judicial centers of power. This unique proximity to business and technology leaders, federal departments and agencies, and a myriad of research entities, embassies, think tanks, cultural centers, and non-profit organizations is simply unparalleled. Synergistic opportunities for our faculty and students abound and are virtually limitless in the nation's capital and surrounding areas. The University is committed to attracting and retaining outstanding and diverse faculty and staff that will enhance our stature of preeminence in our three missions of teaching, scholarship, and full engagement in our community, the state of Maryland, and in the world.

Position Summary/Purpose of Position
Research: The applicant is expected to develop an extramurally-funded research program focused on identification of adaptive mechanisms underlying proliferation of invasive plant species and resistance to herbicides. Preference will be given to applicants who plan to integrate “next generation” technologies to weed science problems. Research should be integrated with analyses of cultural practices used in weed management programs of agronomic crops that are widely grown throughout the state. Applied aspects of the research program can include, but are not limited to, the following: surveys of herbicide-resistant weeds, newly introduced weed species and invasive plants; application of cultural / weed control systems to problems identified in the above mentioned survey data; impact studies of crop rotation on weed seed longevity; impacts of the introduction of herbicide-resistant crops; efficacy of non-chemical weed management programs; evaluation of new herbicide application technologies. Support for the program is available through numerous commodity groups. Excellent farm, greenhouse, and laboratory facilities are available for carrying out the research program.

Extension: Extension duties will include but not be limited to the following: contributing to the development of state and regional weed control recommendations for agronomic and vegetable crops; presenting information at research and educational meetings; working with UMD Extension to develop statewide and regional news releases, extension brochures, website materials, and media presentations; contributing to weed control demonstrations at university research stations; contributing to training materials for pesticide recertification and the Certified Crops Advisor program; and conducting annual/semiannual in-service training for Extension personnel. The individual will work with research personnel, state and regional Extension specialists, county agricultural educators, industry representatives, state and federal regulatory personnel, and agricultural leaders in carrying out the Land-Grant mission.

Qualifications: A Ph.D. degree in the life sciences will be required. Preferred applicants will have education and training in weed management, and will have training in plant physiology, taxonomy, chemistry, statistics, agricultural technology, horticulture, and related subjects. The applicant should have good writing
and speaking skills, and demonstrated a working knowledge of conducting an effective Extension and research program in weed science.

**Application Process:** All candidates must apply online at [https://ejobs.umd.edu](https://ejobs.umd.edu). When applying, please submit cover letter, resume, copy of transcripts and name, email address of 3 professional references.

**Closing Date:** Open Until Filled. Review of applications will begin February 14, 2014. Apply by February 14, 2014 for best consideration.

The University of Maryland, College Park, actively subscribes to a policy of equal employment opportunity, and will not discriminate against any employee or applicant because of race, age, sex, color, sexual orientation, physical or mental disability, religion, ancestry or national origin, marital status, genetic information, or political affiliation, or gender identity and expression. Minorities and women are encouraged to apply.