POSITION: Tenure-track, 9-month academic faculty position (80% Research, 20% Teaching).

The Department of Bioagricultural Sciences and Pest Management at Colorado State University invites applications for a full-time, tenure-track Assistant Professor position in the genetics of complex traits focused on resistance to herbicides in plants. Colorado State University (CSU) provides a highly collaborative and supportive environment with opportunities to interact with scientists in other colleges on campus including those studying evolution (http://www.evolution.colostate.edu/) and to participate in the Program in Molecular Plant Biology (http://plant.biology.colostate.edu/), the Graduate Degree Program in Ecology (www.colostate.edu/Depts/GDPE/), and the Graduate Degree Program in Cell and Molecular Biology (http://www.colostate.edu/Depts/CMB/). Resources include the CSU Herbarium (http://herbarium.biology.colostate.edu/), the Natural Resource Ecology Laboratory (http://www.nrel.colostate.edu/), and Plant Growth Facilities (http://plantgrowthfacilities.colostate.edu/) and the Agricultural Research, Development and Education Center (http://www.colostate.edu/Orgs/ARDEC/). Associated with the university are the Central Plains Experimental Range (http://sgslter.colostate.edu/ars/default.asp) and the National Center for Genetic Resources Preservation (http://www.ars.usda.gov/Main/site_main.htm?modecode=54-02-05-00). For more information about CSU in general and the Department of Bioagricultural Sciences and Pest Management in particular, please visit the departmental website: http://bspm.agsci.colostate.edu/.

RESPONSIBILITIES:

- Develop a productive, externally funded, interdisciplinary research program in plant evolutionary genetics with a focus on herbicide resistance. Research should emphasize the evolution of herbicide resistance in weeds of importance to Colorado’s wheat-based dryland cropping systems. Research is expected to include application of genome-wide approaches to elucidate mechanisms of herbicide resistance and develop strategies for resistance management.
- Contribute to the department’s teaching program through development of an effective graduate course in resistance and resistance management of weeds, insects, and plant pathogens to pesticides and to participate effectively in other graduate and/or undergraduate teaching in areas of expertise.
- Become an integral part of the College of Agricultural Sciences plant genomics program, and collaborate with faculty in the department and college and university.
- Actively advance the department’s commitment to diversity and multiculturalism through research, teaching and outreach with relevant programs, goals and activities.

QUALIFICATIONS:

- Required:
  - A Ph.D. in biology or an allied field
  - Publications in peer-reviewed journals
  - Research experience in the genetics of complex traits
- Preferred
  - Demonstrated ability to creatively address important ecological and evolutionary questions and integrate fundamental and applied research
  - Broad familiarity or interest in pesticide resistance and resistance management.
- Desirable
  - Experience in teaching and outreach
  - Post-doctoral research experience
  - Success in securing extramural, competitive funding
  - Demonstrated interest in fostering diversity
**SALARY:** Commensurate with experience and competitive with peer institutions.

**POSITION AVAILABLE:** As soon as December 15, 2013.

To apply, submit a single compiled pdf file including 1. a concise cover letter that addresses evidence for qualifications, 2. a current curriculum vitae (CV) including names and contact information for three references; 3. a statement of research interests and how those interests relate to herbicide resistance (2 page maximum), and 4. a statement of teaching interests and qualifications (1 page maximum). This file should be emailed to Maggie.Hirko@colostate.edu. Include pdfs of up to three representative publications. References of semi-finalists will be sent instructions by email for submitting letters. Applications will be accepted until the position is filled; however, for full consideration, applications should be submitted by August 28, 2013. The application materials of semi-finalists, excluding letters of reference, may be made available for review by the department’s faculty.

**UNIVERSITY AND LOCAL ENVIRONMENT:** Colorado State University, which has a total enrollment of over 26,500 full-time students, is located in Fort Collins, 60 miles north of Denver. The community of about 140,000 is situated along the beautiful front range of the Rocky Mountains. Other major employers in the community are Hewlett-Packard, LSI Logic, Celestica, Agilent Technologies, Advanced Energy, Anheuser-Busch, and Poudre Valley Hospital. There are also many state and federal research agencies in Fort Collins that contribute to the intellectual environment of the university. The University of Colorado at Boulder, the University of Colorado at Denver, the University of Denver, and the University of Wyoming in Laramie are all within a one-hour drive. In addition to the many and varied cultural activities sponsored by the university, the community offers a center for performing arts, a symphony orchestra, repertory theater, choral society, and dance company. The city operates an indoor Olympic-size pool and two ice arenas, other indoor pools, five public golf courses, and sponsors, through its Parks and Recreation Department, a cornucopia of leisure-time activities. Rocky Mountain National Park and Roosevelt National Forest are within 30 miles of Fort Collins. Fort Collins has an excellent school district and is considered one of the best places in the U.S. to raise a family. Finally, Fort Collins is a perennial in the top 10 best places to live.

Colorado State University does not discriminate on the basis of race, age, color, religion, national origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual orientation, or gender identity or expression. Colorado State University is an equal opportunity/equal access/affirmative action employer fully committed to achieving a diverse workforce and complies with all Federal and Colorado State laws, regulations, and executive orders regarding non-discrimination and affirmative action. The Office of Equal Opportunity is located in 101 Student Services.

Colorado State University is committed to providing a safe and productive learning and living community. To achieve that goal, we conduct background investigations for all final candidates being considered for employment. Background checks may include, but are not limited to, criminal history, national sex offender search and motor vehicle history.