

The Department of Horticulture (www.hrt.msu.edu) in the College of Agriculture and Natural Resources at Michigan State University (MSU) invites applications for an Assistant Professor, nine-month tenure-track position (80% research, 20% teaching) in plant polyploid genomics, genetics, and breeding. The incumbent will develop an extramurally funded research program in the genomic and genetic aspects of plant polyploidy, and lead the national and internationally recognized MSU blueberry and strawberry breeding programs. Teaching responsibilities include instruction at the graduate and/or undergraduate level in plant breeding, genetics and genomics to support the Horticulture and Plant Breeding, Genetics and Biotechnology curriculums.

Research responsibilities include fundamental and applied research in polyploidy genetics, genomics, and germplasm development to support blueberry and strawberry breeding, cultivar development, and release. The successful candidate will be expected to procure competitive external funding, direct graduate student research, publish in peer-reviewed journals, and participate in departmental, college and university committees and activities. Engagement in multi-disciplinary collaborations with horticulturists, physiologists, plant pathologists, entomologists, food scientists, molecular biologists and stakeholders (e.g., producers) to address issues of scientific and economic importance is also expected. The offer will include a competitive start-up package, and the salary is commensurate with the candidate's experience. A health, dental and retirement benefits program is included.

Qualifications:

- A Ph.D. in Plant Breeding and Genetics, or a related plant science discipline
- Postdoctoral experience is preferred
- Evidence of scholarly productivity
- Proficiency in plant polyploid genomics and genetics
- Experience with applied plant breeding methods
- Experience with a breeding program management is desired
- Excellent oral and written communication skills

Plant Sciences at MSU: MSU is a global leader in basic and applied plant science research, with over 150 faculty members engaged in research ranging from sustainable agriculture and ecology to breeding, genomics and biochemistry. State-of-the-art facilities are available for DNA sequencing, genotyping, gene expression analysis, bioinformatics support, plant transformation, biochemical and imaging analysis, and greenhouse-, growth chamber-, and field-based plant growth research.

Application Procedure: Qualified applicants should submit a letter of application, a summary of research accomplishments and future research objectives, a description of teaching interests, a current resume, and contact information for at least three references online at <https://jobs.msu.edu>. Select Faculty/Academic Staff and apply to posting 9228. Review of applications will begin August 15, 2014 and will continue until the position is filled. Questions can be directed to Dr. Amy Iezzoni, Search Committee Chair (iezzoni@msu.edu). Questions on submitting applications through <https://jobs.msu.edu> can be directed to hrt@msu.edu.

MSU is an affirmative action, equal-opportunity employer. MSU is committed to achieving excellence through a diverse workforce and inclusive culture that encourages all people to reach their full potential. The University actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities.