Cluster Hire in Quantitative and Computational Plant Sciences

The plant science departments at Michigan State University are inviting applications for six tenure-track positions at the Assistant/Associate/Full Professor level for individuals using quantitative/computational approaches involving large-scale “omic” datasets in model, algal, horticultural/agronomic crops, or ecological systems at the basic and/or applied level. These positions are part of MSU’s Global Impact Initiative that will recruit 100 top-level researchers to MSU over the next five years (see http://research.msu.edu/global-impact). MSU is world renowned for plant science research and we are seeking candidates that employ large-scale or systems approaches to address compelling research questions in plant science that will strengthen and complement on-going research on campus. Areas of interest include, but are not limited to Epigenetics/Epigenomics, Phytobiome/Metagenomics, Quantitative Genomics/Genetics, Phylogenomics, Population Genomics, Synthetic Biology, and Systems Biology. Experience in computational, bioinformatic, or statistical analysis of large-scale “omic” datasets is required. Candidates with experience and interest in computational method development to process, analyze, and interpret large-scale plant “omic” datasets including phenomics data are especially encouraged to apply. Successful applicants will contribute to undergraduate and/or graduate teaching and maintain an externally-funded research program. Applicants should have a strong record of accomplishments and publications.

Depending on candidate interest and research expertise, appointments for these positions may be singly or jointly in two or more departments/programs on campus including the departments of Biochemistry & Molecular Biology, Horticulture, Forestry, Plant Biology, Plant, Soil, & Microbial Sciences, Computational, Mathematics, Science & Engineering, the DOE Plant Research Laboratory and MSU AgBioResearch. Information about the initiative and these positions can be found at http://clusterhire2015.plantbiology.msu.edu.

To apply, applicants should provide curriculum vitae, summary of research accomplishments and future research objectives, brief description of teaching philosophy and goals, and a list of three references in a single PDF document to plantgenomics@plantbiology.msu.edu. Candidates also must submit an application for this position through the MSU Human Resources site at http://jobs.msu.edu/ (posting #2109).

The review of applications will begin November 13, 2015 and continue until suitable candidates are identified. Questions regarding this position may be emailed to Search Chair at plantgenomics@plantbiology.msu.edu.