Position: Post-doctoral Research Associate
Location: University of Minnesota, Department of Agronomy and Plant Genetics
Research Area: Maize Genomics
Qualifications: Ph.D. in Genomics, Bioinformatics, Applied Quantitative Genetics, Plant Breeding, or related field. Strong programming and data management skills are preferred as well as excellent written and oral communication skills.

A post-doctoral position is available in the field of genomics applied to maize as part of an NSF Plant Genome project "Dissecting natural mechanisms of genome content variation and the impact on phenotypic variation". The candidate will be responsible for leading computational analyses related to understanding diversity in the maize pan-genome. The research associate is expected to analyze large datasets and lead preparation and publication of peer-reviewed manuscripts that present research findings from the project.

Experience working with next-generation sequence data, quantitative genetics or statistical modeling and analysis of large data sets is required. Prior experience analyzing complex omics data is desirable. Ideal candidates will be highly motivated to publish, able to lead an independent research project, have documented ability to successfully complete research publications, and clearly describe skills that they have to offer and skills that they would like to acquire during their tenure as a post-doctoral researcher. Expertise in maize genetics or similar and documented ability to coordinate collaborative research is highly desirable.

Apply by September 30, 2017 for full consideration, but applications will be reviewed until the position is filled. For inquires about the position and research focus, please contact Candice Hirsch (cnhirsch@umn.edu; (612) 301-9522). To apply, send a letter of application, a full curriculum vita, and contact information for three references to Candice Hirsch (cnhirsch@umn.edu).