

Postdoc Scholar Position

The Jinliang Yang Lab (jyanglab.com) is seeking for enthusiastic individuals to join the lab in the Department of Agronomy and Horticulture at University of Nebraska-Lincoln. The starting dates are flexible with a preference for fall, 2017.

The Yang Lab focuses on bridging the gap between genotypes and phenotypes. At a broader scale, we are keen to integrate various large-scale biological datasets such as phenomics, genomics, transcriptomics, methylomics data and functional annotations to boost the power of Genome-Wide Association Studies (GWAS) and Genomic Selection (GS).

We are looking for a candidate who will develop statistical approaches to enhance genomic selection by leveraging existing genomics data in maize and apply the developed approaches to conduct empirical genomic selection using UNL's state-of-the-art greenhouse facility (<http://innovate.unl.edu/greenhouse-innovation-center>).

The ideal candidate will be familiar with at least one coding language, i.e. R or python, and be proficient in at least one of the areas, i.e. quantitative/population genetics, statistical genomics or bioinformatics. To be successful in this role, the candidate should hold a PhD degree or equivalent in genetics, genomics, plant sciences or related area. If interested, please send a cover letter and the most recent resume to Dr. Jinliang Yang (jyang21@unl.edu).

The University of Nebraska-Lincoln (UNL) seeks to achieve a working and learning environment that is open to all people. Diversity is the hallmark of great institutions of learning and has long been one of the strengths of our society. Dignity and respect for all in the UNL community is the responsibility of each individual member of the community. The realization of that responsibility across the campus is critical to UNL's success. For UNL's non-discrimination information, see <http://www.unl.edu/equity/notice-nondiscrimination>.