University of Nebraska-Lincoln
Institute of Agriculture and Natural Resources
Position Announcement

May 29, 2018

Post Doctoral Research Associate – Computational Biology
Department of Agronomy and Horticulture

The University of Nebraska-Lincoln, Institute of Agriculture and Natural Resources invites applications for a Post-Doctoral Research Associate position in the Libault Lab at the UNL Center for Plant Science Innovation (PSI, http://www.unl.edu/psi/), Department of Agronomy and Horticultrue (https://agronomy.unl.edu/). The postdoctoral associate will work on bioinformatics or computational biology, genomics, epigenetics, and gene regulatory networks to compare the responses of different crop species to both biotic and abiotic stresses. Using next generation sequencing datasets, the candidate will focus on a comparative analysis of these responses between crop species, at the level of the same single plant cell type, the root hair cell. This project presents opportunities to work in a collaborative environment with computational and molecular biologists. University of Nebraska provides a stimulating atmosphere with excellent facilities including bioinformatics facilities and colleagues for high-quality research in agricultural and plant sciences.

Applicants must have a Ph.D. in Bioinformatics, Genomics, or a closely related field at the time of hiring. Ability to manage large-scale sequencing data is essential. Practical experience of next-generation sequencing data analysis, computational systems biology and data integration, and solid knowledge in plant genomics, evolution, gene expression/regulation and biological networks are highly desirable. Proven skills in programming (Linux/Unix environments) and algorithm design are also desirable. A background in molecular and plant biology is preferred. Preference will be given to self-motivated candidates with evidence of publications, excellent communication skills, an ability to work well in a team environment, and strong interest in crop improvement. Salary is commensurate with experience and qualifications.

To view details of the position and make application, go to http://employment.unl.edu, requisition F_180062. Click “Apply to this Job” and complete the information form. Attach a letter of interest explaining candidate’s research interests and how they fit with this position; curriculum vitae; contact information for three professional references, including phone numbers and emails; and three selected publications. Review of applications begins July 16, 2018 and will continue until the position is filled or the search is closed.

As an EO/AA employer, qualified applicants are considered for employment without regard to race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, marital status, and/or political affiliation. See http://www.unl.edu/equity/notice-nondiscrimination