

**Postdoctoral Position on improving abiotic stress tolerance in crops**

**University of Nebraska-Lincoln**

**Department of Biochemistry and Center for Plant Science Innovation, Lincoln, NE USA**

The Glowacka Lab at the University of Nebraska-Lincoln ([www.glowackalab.com](http://www.glowackalab.com)) seeks an enthusiastic postdoctoral research associate to conduct research on improving abiotic stress tolerance in crops involving investigation of natural variations of photosynthesis and synthetic approaches. The more tolerant crops would give the opportunity to obtain sustainable yield and to help meet the world's needs for food and fuel.

The advertised position will involve investigation of the natural variation of photosynthesis under stresses to identify new genetic sources and molecular mechanisms associated with tolerance. The successful candidate will apply recent advances in photosynthesis research and crop bioengineering for study and improvement of crops.

**EDUCATION & EXPERIENCE:** Prospective candidates need a PhD in plant biology, plant genetics, plant biotechnology or a closely related discipline. Demonstration of the skills in one or more of the following areas of photosynthesis research is required: molecular biology and genetics, the gas exchange systems and use of available bioinformatics resources. The duties of this position require that the incumbent have a strong background in plant physiology, be broadly knowledgeable of photosynthesis and plant molecular biology and/or GWAS, QTL mapping. Good oral and written communication skills coupled with the ability to work independently and cooperatively are required.

**PROPOSED START DATE:** Start date is flexible.

**SALARY:** Commensurate with qualifications and experience.

**APPOINTMENT STATUS:** 2 years, contingent on performance. After a period of 2 years appointment depends on future funding. Own source of financial support highly desirable.

**APPLICATION PROCESS:** For more information about the position and to apply please contact Katarzyna Glowacka at [kglowacka2@unl.edu](mailto:kglowacka2@unl.edu). The application should contain a letter of application, resume/CV, and three professional references including phone number and e-mail address.

*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>.*