KANSAS STATE UNIVERSITY | College of Agriculture
Department of Agronomy
Crop, Soil, and Range Sciences

GRA Position # 1002 – Plant Breeding & Genetics

Position	Graduate Research Assistant (Ph.D.), 0.5 time
Location	Kansas State University Department of Agronomy Throckmorton Plant Sciences Center Manhattan, KS 66506-5501
Position Description	The candidate will conduct foundational research related to deep learning for genomic prediction of quantitative traits in plant and animal breeding programs. Projects will include the use of genome simulators, deep learning, statistics, and formal analysis. The candidate will have the opportunity to pursue additional collaborative projects with Kansas State University breeding programs in sorghum, wheat, soybean, and pearl millet.
Qualifications	B.S. in genetics, plant science, mathematics, computer science, or other closely related field. Ideal candidates will have strong backgrounds in genetics/plant science, knowledge of linear algebra, and experience programming in R and/or Python. Candidates should demonstrate strong written and oral communication skills, self-motivation, creativity, and discipline.
Stipend	Annual Ph.D. stipend is $38,842. Graduate Research Assistants are considered Kansas residents for tuition purposes and are responsible for paying tuition and fees.
How to Apply	Applicants should send a statement of educational and career objectives, resume, transcripts (TOFEL scores for international applicants), and three references to: Dr. Aaron Kusmec Assistant Professor E-mail: amkusmec [at] ksu [dot] edu Further information about graduate studies at KSU Department of Agronomy can be found at: http://www.agronomy.ksu.edu or by contacting Robert Berry at rwb7@ksu.edu
Date Available	Summer 2027 - Screening of applicants begins immediately and will continue until position is filled.

Kansas State University is an Equal Opportunity Employer. All applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender, gender identity, age, national origin, disability or status as a protected veteran.