



Virginia State University

Position Announcement Research Associate/Postdoctoral Fellow – Plant Breeding and Genetics

Position Number:
Position Type: Full-time Research Associate
Salary: \$43,000-46,000, commensurate with qualifications and experience
Benefits: Included
Closing Date: Open until filled

Agricultural Research Station at Virginia State University (VSU) invites applications for a Postdoctoral Fellow or a Research Associate position. This is a non-faculty exempt, 100% research position with 12-month appointment renewable depending upon performance and funding. The successful candidate will be a highly self-motivated team member of the established and nationally recognized soybean/edamame breeding and genetics program. He/she will work independently and cooperatively with the project leader, research manager, specialists/technicians, students and collaborators. The candidates will also have the opportunity to be considered for another full-time research associate position with both academic and technical duties if interested.

Duties and Responsibilities: The major responsibility is to implement a research project that is funded by an NSF BHCU-EiR grant. The project will involve biological and genomic characterization of seed filling, seed composition (protein, oil, fatty acids, amino acids, sugars, etc.), agronomic and yield traits in edamame and mature soybeans. The individual will conduct research on soybean/edamame breeding and genetics, assist and report to the project leader in all aspects of the research program. The research activities will include trait phenotyping, GWAS, QTL and candidate gene identification, evaluation and selection of promising lines, and application of novel technologies to variety improvement. The duties will include but not limited to: experiment design and implement, data collection and analysis, result presentation and publication, and participation in grant proposal writing. Coordination of research activities and supervision of students and hourly employees are also expected.

Required Qualifications: PhD in plant breeding and genetics or related fields, or MSc with equivalent ability and experience of at least three years of work experience in the field is required. The incumbent should have received extensive training and have hands-on experience in applied and basic research, experimental design and implementation, laboratory experiments and field trials, data collection and statistical analysis, QTL mapping, GWAS and DNA marker application, effective communication skills in both verbal and written English. Experience in soybean research and demonstrated ability in scientific publication will be plus.

HOW TO APPLY: Please prepare your application package including: 1) a cover letter addressing interest and research plans, 2) resume, 3) academic transcripts, and 4) a list of three references (name, official address, phone number, and email address) and email to Dr. Guo-Liang Jiang (gjiang@vsu.edu), VSU Agricultural Research Station, M.T. Carter Building, P.O. Box 9061, Petersburg/South Chesterfield, VA 23806.

For more information, contact Dr. Guo-Liang Jiang, Phone: (804)524-5953 and Email: gjiang@vsu.edu.

Virginia State University is a land-grant institution, committed to affirmative action, equal opportunity and diversity of its faculty, staff and students. Women and minorities are encouraged to apply.