Postdoctoral associate position in soybean genomics

A new postdoctoral associate position is available at the Danforth Plant Science Center in St Louis, MO. The incumbent will join a multi-disciplinary research team working on discovering genes regulating soybean seed quality traits and illustrating gene/genetic/transcriptional regulatory networks underlying their associated seed reserve production and interaction with other seed traits for soybean seed quality improvement. Both integrative big-data analysis/mining (of mainly genome and transcriptome sequencing, phenotyping and genetic data) and wet-lab approaches are employed. A Ph.D. in biological sciences or crop science is required. Research experience or strong training in molecular biology, quantitative genetics and genomics, systems biology, molecular evolution, large-scale data analysis and/or genome editing techniques are desirable, but not required. Additional qualifications include strong scientific thinking, effective writing and project leadership skills. The position is available immediately until filled. For additional information about the research, please see https://www.ars.usda.gov/people-locations/person/?person-id=43793 or contact yong-qiang.an@ars.usda.gov