

Postdoctoral associates/research scientists at Danforth Plant Science Center, Saint Louis, Missouri.

Yong-Qiang Charles An (USDA-ARS) lab located at the Danforth Plant Science Center, Saint Louis, MO, in collaboration with Dilip Shah at Danforth Center, has immediate openings for multiple postdoctoral/research scientists. The candidate will join a multi-disciplinary research team to 1). develop genomics and data science technologies and tools for soybean QTL gene discovery and molecular breeding 2). apply inter-disciplinary approaches to understand molecular basis and genomic diversity underlying seed quality traits and their relationship with other agronomic traits for soybean seed quality and yield improvement.

The positions are ideal for candidates with strong interest in cross-disciplinary research and/or combining traditional biology and crop sciences with data sciences for biological discovery and crop genetic improvement. Training and experience in quantitative genetics, genomics, soybean genetics and breeding, molecular evolution, seed biology, primary metabolism, molecular biology, technology development, transgenic biology, genome editing, computational biology, AI and large-scale data analysis are desirable, but not required. US citizenship is not required. Salary is commensurate with experience. For additional information about the positions, please see <https://www.ars.usda.gov/people-locations/person/?person-id=43793> or contact [yong-qiang.an@ars.usda.gov](mailto:yong-qiang.an@ars.usda.gov).

Related publications: [Goettel, W., \*et.al.\* Nature Communication, 2022](#); [Zhang, H., \*et.al.\* BMC Genomics, 2022](#)