



**Fayetteville State University
College of Arts and Sciences
Department of Biological Sciences**

Postdoctoral Fellowship Position

Description:

A Postdoctoral Fellowship position is available at the Department of Biological Sciences, Fayetteville State University in Fayetteville, NC. The position is funded by a grant from the Department of Defense (DOD) and is for up to 3 years (subject to a yearly review of performance). Highly motivated individuals with a background in genomics, genetics, and statistics and a good record of publications are encouraged to apply. Women and minority individuals are strongly encouraged to apply.

The successful candidate will work to develop comprehensive genetic maps of quantitative trait loci (QTL) for value added trait in soybean seeds, with a focus on seed isoflavones, protein, and oil contents.

The following skills are desired in the candidate:

- Design and carry out of quantitative genetic experiments in a lab setting and in the field
- Analysis of results from quantitative genetic experiments
- Strong experience in statistical methods applied to plant genetics and genomics: construction of genetic linkage maps, QTL mapping methods, etc.
- Experience working with statistical genomics and other software such as JoinMap, QTL Cartographer, SAS, JMP, etc.
- Ability to work in a team, collaborate with other faculties and postdocs in other universities and supervise undergraduate and graduate students within the department.
- Excellent communication and organizational skills.

How to Apply:

Candidates for the position must have a Ph.D. in plant breeding, genetics, molecular biology, plant biology, plant physiology, bioinformatics, or genomics and strong oral and written communication skills. The position is available immediately. Applications will be accepted until the position is filled. Salary is commensurate with experience plus benefits. Candidates should send an application, CV, cover letter, a one page statement of purpose, and three letters of references to Dr. Abdelmajid Kassem.

Dr. Abdelmajid Kassem
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Fayetteville State University is committed to equality of educational opportunity and does not discriminate against applicants, students, or employees based on race, color, national origin, religion, gender, age, or disability. Moreover, Fayetteville State University values diversity and actively seeks to recruit talented students, faculty and staff from diverse backgrounds. This position is subject to the successful completion of an employment background check. An employment background check includes an employment verification, reference checks, criminal background check (if applicable), license verification (if applicable) and credit history check (if applicable).