Position: MS Graduate Research Assistant, Cereal Grains Breeding & Genetics

Program: https://www.clemson.edu/cafis/research/peedee/breeding_genetics.html

Start Date: August 2021 (Fall semester)

Location: Plant & Environmental Sciences Department
Pee Dee Research & Education Center
Florence, SC 29506

The student will reside in Clemson, SC in the first year of the graduate program to fulfill course requirements. Primary field and laboratory research will take place at the Clemson Pee Dee Research & Education Center, which is a 2,300 acre site located in Florence, SC that is positioned in the heart of SC agriculture: https://goo.gl/maps/JYx5n9i4qrhwePeb7.

Job Responsibilities: The student will be working on a thesis topic related to improvement of genomic prediction accuracy to increase the efficiency of the wheat cultivar development program. The student will gain valuable knowledge in conventional plant breeding and will work closely with a postdoctoral researcher to learn computation genomics. Conventional breeding training and experience will consist of field trial research design and management, hands-on breeding activities, and statistical analysis. Publishing results and presenting at national meetings are both expected.

Qualifications: A B.S. degree in breeding, genetics, genomics, bioinformatics, biology, or related field. Prospective students should have a strong interest in plant breeding and genomics to support cultivar and hybrid development.

Stipend & Fees: An annual stipend starts at $22,000. Tuition is covered.

Additional Details: Optional graduate student housing is available on-site at the Pee Dee Research and Education Center upon request and approval. Lodging off-site in or near the Florence area is allowed.

City of Florence: http://www.cityofflorence.com/
https://www.facebook.com/cityofflorence/

How to Apply: Email Rick Boyles (PhD, Assistant Professor) at rboyles@clemson.edu. Find full details at https://www.applyweb.com/clemsong/index.ftl.