Position: Breeding & Genetics PhD Graduate Research Assistant

Program: [Link to program details](https://www.clemson.edu/cafls/research/peedee/breeding_genetic.html)

Start Date: January 2021 (Spring 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: [Google Maps](https://goo.gl/maps/JYx5n9i4qrhwePeb7).

Job Responsibilities:
The student will have flexibility to select a dissertation project of interest within the scope of cereal grains breeding & genetics, preferably working on wheat cultivar development strategies that involve genetic mapping and/or genomic prediction. The student will design and conduct field research trials, assist in seasonal breeding activities, and analyze large phenotypic and genomic datasets. Publishing research results and presenting at national meetings are both required.

Qualifications:
A B.S. degree in breeding and genetics, genomics, computational biology, bioinformatics, or related field. Prospective students should have a strong interest in conducting applied research in 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: [Website](http://www.cityofflorence.com/)
[Facebook](https://www.facebook.com/cityofflorence/)

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