CLEMSON UNIVERSITY

Position	Breeding & Genetics PhD Graduate Research Assistant
Program	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:* 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:* 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.

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