Ph. D student position in Plant molecular biology and biotechnology

The Department of Biology at UNCG offers graduate programs leading to the Master of Science (MS) in Biology and Doctor of Philosophy (PhD) in Environmental Health Science degrees. The molecular biology and biotechnology lab at UNCG focuses on using molecular-genetic and biotechnological tools to improve desirable traits including yield, nutritional quality and stress resilience in economically important crops including underutilized/orphan crops such as teff (Eragrostis tef) and millets. These crops have a great potential to enhance food security due to their nutritional quality, health benefits, role in sustainable agriculture, and resilience to biotic and abiotic stresses relative to major cereals. Osena lab is also interested in identifying and importing novel traits from extremophiles to improve crops resilience to abiotic stresses including heat.

We are currently looking for Ph. D students for Fall 2020. The Ph. D program comes with full TA benefits and responsibilities. The successful candidate will focus on the identification and molecular characterization of traits regulating enhanced nutritional quality, stress resilience, and health benefit of underutilized crops. Experience in basic molecular biology/biotechnology techniques is a plus.

Please send your CV, one-page research statement and the names of three referees by email (alosena@uncg.edu) until the end of October 2019. The departmental deadline for submitting the application to the graduate studies is December 15, 2019. For details, please see the following link. https://biology.uncg.edu/graduate/apply/
The Osena lab website is here: https://biology.uncg.edu/osena-lab/