Clemson University: College of Agriculture, Forestry and Life Sciences: Plant & Environmental Sciences
Assistant Professor of Plant Breeding

Location: Charleston, SC

Clemson University invites applications for an Assistant Professor of Plant Breeding (Tenure Track) within the Department of Plant and Environmental Sciences in our College of Agriculture, Forestry and Life Sciences.

Appointment: 100% Research, 9-month Advances in biochemistry, metabolomics, metabolic engineering, and genomics sequencing for vegetable crop species are opening new and valuable research opportunities for plant breeding.

This vegetable breeding and genetics position will have responsibility for conducting innovative research exploring genetic/epigenetic/quantitative variation in plants and the association with phenotypic variation in traits relating to human health and nutrition and tolerance to biotic or abiotic stress. The successful candidate should have experience in accelerating crop improvement through genomics-enabled plant breeding. Possible outputs would include vegetable crops with new nutritional and health-promoting functions or improved nutrient bioavailability, better understanding of the chemistry of flavors and texture, or enhanced tolerance to biotic and abiotic stress.

Because this position is associated with Clemson's Advanced Plant Technology Program, candidates should be interested in forming collaborations with other faculty with complementary expertise in plant, nutritional, and food sciences, animal nutrition, and biotechnology among others. Appointee will be expected to develop an externally funded research program; release novel lines, germplasm or genetic stocks; supervise graduate students; and contribute to specialized courses, seminars, and team-taught courses, as well as to graduate training in plant breeding/plant genetics/genomics/plant molecular biology. We are seeking highly motivated individuals with strong research credentials. Strength in quantitative or metabolic genetics and bioinformatics is highly desirable.

For more information visit our websites: Advanced Plant Technology, https://www.clemson.edu/centers institutes/itg/departments/apt/ Coastal Research and Education Center, https://www.clemson.edu/cafls/research/coastal/ Department of Plant and Environmental Sciences, https://www.clemson.edu/cafls/departments/plant-environmental-sciences/

Salary: Competitive and commensurate with background and experience. An attractive fringe benefits package is available.

QUALIFICATIONS

• Ph.D. in plant breeding, plant genetics/genomics, or plant molecular biology
• Experience in research related to this position, either post-doctoral or pre-doctoral
• Evidence of ability to work with other researchers in interdisciplinary inquiry, secure extramural funds, and lead an innovative research/breeding program
• Postdoctoral or other relevant experience desirable
• Excellent oral and written communication skills

APPLICATION INSTRUCTIONS
Candidates are requested to submit a letter of application; detailed resume; a personal statement of research experience, leadership efforts, and contribution to diversity; copies of university transcripts; copies of one or two publications; and names and contact information for three references combined into a single file in pdf format through http://apply.interfolio.com/68348.

For full consideration, please apply by November 1, 2019. Applications will be reviewed as received and will continue until a suitable applicant is identified.

Inquiries regarding the position should be sent to Dr. Stephen Kresovich at skresov@clemson.edu.

Clemson University is an AA/EEO employer and does not discriminate against any person or group on the basis of age, color, disability, gender, pregnancy, national origin, race, religion, sexual orientation, veteran status or genetic information. Clemson University is building a culturally diverse faculty and staff committed to working in a multicultural environment and encourages applications from minorities and women.

Apply Here: http://www.Click2Apply.net/9czc9ksx68kww93p

PI113865674