

NORTH CAROLINA STATE UNIVERSITY

POSITION ANNOUNCEMENT

RESEARCH ASSOCIATE (NON-TENURE TRACK)

Sweetpotato and Potato Breeding and Genetics Program

Department of Horticultural Science, NC State University, Raleigh, NC 27695-7609

Appointment and Salary: This is a 12-month full-time position for one year with renewal for four additional years, contingent upon performance. Salary will be commensurate with experience, health insurance and retirement benefits provided.

Deadline for Applications/ Start Date: August 22, 2014, or until a suitable candidate is identified. This position is available immediately.

Qualifications: MS with 5 years experience; or Ph.D. (preferred) in Plant Breeding, Genetics or related field with at least three years of experience. The successful candidate must have a strong desire to assist with the development of a modern sweetpotato breeding program capable of integrating traditional, genomic and phenomic approaches to germplasm improvement and variety development. Significant managerial, project management, and practical breeding experience are highly desirable.

Position Overview: The candidate selected for this position will report to the leader of the sweetpotato and potato breeding and genetics program. You will lead and coordinate a project focused on the development of improved processing sweetpotatoes. We are seeking a highly motivated, organized and independent breeder familiar with modern breeding methods. You will be a good communicator capable of coordinating a multidisciplinary project.

Our project team consists of academic and industry colleagues working in breeding and molecular genetics, crop cultural management, food science, post harvest physiology, and agricultural engineering. Our goal is to develop and release improved processing sweetpotatoes, and to establish integrated crop production and processing technologies for the sweetpotato industry.

Major Responsibilities: Specific activities will include, but are not limited to, coordinating and conducting sweetpotato breeding activities, developing and analyzing conventional and marker-assisted breeding experiments, collaborating with ongoing cultural management studies; designing and executing field and laboratory trials, working with food science cooperators to quantify storage root constituents via NIRS, GC-MS and HPLC-MS, collecting, analyzing and presenting data, completing reports, preparing grant proposals, networking effectively with domestic and international partners, and presenting and publishing results in peer reviewed and trade journals.

Physical Demands: Longer hours may be necessary during growing season with significant amounts of time spent in the field at experiment station and on-farm field sites. Ability to work with field equipment and lift over 50 lbs. occasionally.

Application: Apply online at <https://jobs.ncsu.edu> under position number (in process). Applicants should include a cover letter detailing your experiences and qualifications relating to this position; resume, copies of transcripts, and names and contact information for three references. For more information contact to: Dr. Craig Yencho, Department of Horticultural Science, NC State University, Raleigh, NC 27695, Email: Craig_Yencho@ncsu.edu, Phone (919) 513-7417; Fax (919) 515-2505.

Work Location: The work base is located on-campus, Monday-Friday, 40 hours/week. Occasional overnight travel will be necessary.

Necessary Licenses or Certifications: Driver license needed. No other special licenses or certifications needed.