Position Description
Department of Horticultural Science
North Carolina State University

Position: Assistant Professor – Breeding and Molecular Genetics of Blueberries and Specialty Crops

Appointment: 80% Research, 20% Academic, 12 month, tenure track
Department of Horticultural Science

Location: The North Carolina State University
Department of Horticultural Science
Raleigh, North Carolina

Position Available: October 1, 2014

Qualifications: Ph.D. degree in Horticulture, Crop Science, Genetics, Plant Biology or related field with experience in plant breeding, molecular genetics and/or applied genomics. The successful candidate must have a strong desire to develop a modern blueberry and other fruit/specialty crop breeding program that integrates traditional and genomics-based approaches to develop improved germplasm and new varieties. He/she will have demonstrated research productivity through publications in relevant refereed journals, and an existing record of, or strong potential for, successful grant procurement. It is essential that the incumbent conduct team-oriented research, exhibit exceptional leadership abilities, and demonstrate effective written and verbal communication skills.

Postdoctoral experience is preferred.

Responsibilities: North Carolina is a major producer of blueberries in the country with an estimated annual value of over $71,000,000. The candidate will be expected to 1) develop a nationally and internationally recognized research and breeding program focusing primarily on blueberry and other fruit/specialty crops as needed, 2) use traditional and genomic-based approaches to develop new varieties for North Carolina and southeastern US growers; 3) provide intellectual and strategic support to projects working to integrate high throughput phenotyping and genomic-based breeding approaches into crop development; 4) teach one 3-cr. course per year, or the equivalent number of short courses, in small fruit production, plant breeding or applied genomics; 5) establish collaborative partnerships with faculty based at NCSU, as well as with other universities, federal agencies and the private sector; 6) provide input to NC commodity industries on blueberry and other fruit/specialty crops and participate in annual field days and commodity meetings; 7) establish a rigorous, nationally, and internationally recognized, extramurally funded research program; 8) publish research results in relevant peer reviewed publications; 9) maintain a dynamic web presence, and 10) chair and serve on graduate student committees.
**Application:** Applicants should apply online at [https://jobs.ncsu.edu](https://jobs.ncsu.edu) (reference position number 00000169). The position description is online at [https://jobs.ncsu.edu/postings/37016](https://jobs.ncsu.edu/postings/37016). Attach a cover letter and CV to the online applicant profile, and include the names and contact information for at least three references. For more information, contact Dr. John Dole, Professor and Head, Department of Horticultural Science, Box 7609, NC State University, Raleigh, NC 27695-7609; Phone: 919-515-3131; Fax: 919-513-3191; Email: john_dole@ncsu.edu or Dr John Williamson; Chair of Search Committee; 919-515-5366, john_williamson@ncsu.edu. Review of applications will begin July 30, 2014, and continue until an acceptable candidate is identified.

**AA/EOE:** Minority candidates are encouraged to apply. NC State welcomes all persons without regard to sexual orientation. Persons with disabilities requiring accommodations in the application and interview process please call (919) 515-3148. Final candidates are subject to criminal and sex offender background checks. Some vacancies also require credit or motor vehicle checks. If highest degree is from an institution outside of the U.S., final candidates are required to have their degree verified at www.wes.org. Degree must be obtained prior to start date. NC State University participates in E-Verify. Federal law requires all employers to verify the identity and employment eligibility of all persons hired to work in the United States.

**Application Deadline:** July 30, 2014, or until an acceptable candidate is identified.