

Short Description

Research Associate – Functional Genomics in Wheat. A Postdoctoral Research Associate position is available in the Crop Genomics Program within the Soil and Crop Sciences Department at Colorado State University. The position is a full-time, twelve-month administrative professional appointment with 100% research responsibilities. The successful applicant will design and conduct research to identify and test candidate genes for drought tolerance, and pest and herbicide resistance in wheat using TILLING and other functional genomics approaches. Ph.D. in Genetics, Plant Breeding, Biology, Biochemistry, or related field is required. Solid training and experience in molecular genetics techniques and functional genomics are required. Bioinformatics skills are required, including BLAST homology searches, DNA and protein sequence alignments, and knowledge of use of various genome databases and software programs to design target probes for candidate genes. Knowledge of biochemical pathways and wheat genetics are preferred. Excellent English communication skills and effective interpersonal skills are required. To apply, send a letter of application (including a statement of interest in the position and clear documentation of qualifications), a curriculum vitae or résumé, copies of university transcripts, and arrange for three letters of professional recommendation to be sent to: Lorraine Voss, Department of Soil and Crop Sciences, Colorado State University, Fort Collins, CO 80523-1170, 970-491-6501, -0564 (phone, fax), lorraine.voss@colostate.edu. Applications will be considered until the position is filled; applicants should submit completed applications by July 30, 2009, for full consideration. For questions regarding this position, please contact Dr. Nora Lapitan (Nora.Lapitan@Colostate.Edu). Information on the Crop Genomics Program and the Soil and Crop Sciences Department may be found at: <http://www.soilcrop.colostate.edu/lapitan/home.html> and <http://www.colostate.edu/Depts/SoilCrop/>. Colorado State University is an EO/AA employer.

Colorado State University conducts background checks on all final candidates.