Anticipated Post-Doctoral Position  
Application of Genomic Selection in Wheat Breeding  
Washington State University, Pullman, WA

Description of Research Opportunity:  
This project will enhance our ability to develop successful winter wheat cultivars by applying the new technologies of phenomics and genomics, thereby leading to enhanced sustainability of wheat production. Advancement of technology has allowed major breakthroughs in high-throughput phenotyping and genotyping in wheat. We are looking for a post-doctoral associate to assist the wheat breeders in applying current knowledge and past research to selection of superior wheat cultivars. Post-doctoral associates will integrate high-throughput phenotypic and genotypic data into the genomic selection process. There are also opportunities to conduct novel research on genomic selection efficiency, GWAS, and other research topics as interests allow. This is a great opportunity for research flexibility in experiencing and exploring the broad research fields of genomics and phenomics as applied to plant breeding.

Desired Qualifications:  
PhD in biology, crop science, plant breeding, or genetics, with an interest in applied field based plant breeding and genetics.

Contact:  
Please contact Dr. Arron Carter for more details about this opportunity. He can be reached at ahcarter@wsu.edu. He will also be at WSU’s booth at the ASA Graduate Student Forum (Table 19) on Monday, Nov. 16th, from 11:00 am to 1:00 pm and Nov. 17th from 3:00 to 4:00 pm.

Apply:  
This opportunity is an anticipated opportunity. Please check the WSU jobs page at https://www.wsujobs.com/ over the next two months for official posting of this position.