Postdoctoral Research Associate (Louisiana State University)

The Sugarcane Genetics Laboratory of the School of Plant, Environmental and Soil Sciences is seeking a highly motivated postdoctoral research associate (RA). The RA will conduct research integrating molecular/quantitative genetics and genomics approaches with multitude of phenotypic and NGS data generated with germplasm resources within the breeding program to identify causal variants (and target genes) for various agronomic traits. The overall aim of the research is to develop trait markers for use in marker-assisted breeding, and deploy gene editing strategies to create desirable natural variation. The RA is required to lead manuscript preparation and present research findings in relevant conferences/symposia. The RA must be able to work independently as well as possess good communication skills to work in a collaborative research team involving a molecular biologist/geneticist, breeders, a pathologist, and other students/researchers. The RA should be willing to work long hours as needed.

Candidates with a Ph.D. in molecular/quantitative genetics, molecular biology or a related field are encouraged to email a research statement, an updated CV, and the names of three references to Niranjan Baisakh (nbaisakh@agcenter.lsu.edu). Applicants must have documented experience in quantitative genetics, statistical genomics and/or gene editing. Candidates with prior working experience in polyploid crops will be given preference.