Texas A&M AgriLife Research, Weslaco (http://weslaco.tamu.edu/) is seeking a highly motivated plant breeder to lead a vegetable improvement program utilizing the latest in genomics and phenomic technologies. The breeder is responsible for discovering and implementation of fundamental knowledge of vegetable physiological processes, biochemical pathways and molecular interactions leading to strengthening the connections between genotypes and phenotypes with the overall objectives of improving quality parameters and high-efficiency production under diverse production environments.

The incumbent will use innovative technologies to develop nutritious vegetables that are highly desirable by current dietary requirements, with improved appearance, superior flavor and enhanced tolerance to biotic and abiotic stresses. He/she will lead the effort to develop superior vegetable cultivars in a program incorporating the latest molecular breeding tools such as marker-assisted selection, genomic selection, high-throughput genotyping by sequencing, genome-wide association studies, and metabolomics to improve trait phenotyping and breeding efficiency. In addition to collaborations within AgriLife scientists, this position offers a great opportunity to work collaboratively with the AgriLife Genomics and Bioinformatics Laboratory which operates state-of-the art high throughput DNA marker and next generation sequencing facility (txgen.tamu.edu).

Texas A&M AgriLife Research (http://agriliferesearch.tamu.edu) is the state’s premier research agency in agriculture, natural resources, and life sciences. A member of The Texas A&M University System, AgriLife Research collaborates with the Texas A&M University College of Agriculture and Life Sciences, the Texas A&M AgriLife Extension Service, and many others to help fulfill the A&M System’s land-grant mission of teaching, research, extension, and service.

Interested candidates should submit a cover letter, curriculum vitae, a statement of research interest and experiences, a statement of what motivates you to be a part of this program and the names of three references online to https://greatjobs.tamu.edu/. Review of applications will begin October 15, 2013 and will continue until the position is filled.

Please refer to NOV #: 07128. Only applications submitted online will be considered.

For additional information contact
Dr. Juan Landivar, Search Committee Chair
361-265-9201 or jalandivar@ag.tamu.edu.

All inquiries are Confidential

The Texas A&M University System and Texas A&M AgriLife Research are equal opportunity employers.