

# Workshop

Thursday, January 12, 1:00-5:00 PM; Heep Center 440

## "Association Analyses of Genotypes and Phenotypes Using GAPIT and TASSEL 5.0"

*Presented By:*

***Dr. Shichen Wang***

Bioinformatics Scientist, Texas A&M AgriLife Research

Shichen Wang is a Bioinformatics Scientist in AgriLife Genomics and Bioinformatics Service. He has extensive experiences working in high-throughput sequencing data analysis, such as de novo genome/transcriptome assembly, genome-wide variation discovery, and RNAseq et al. Before joining Texas A&M, Dr. Wang was working mostly with wheat at Kansas State University. He developed the wheat 90K genotyping assay, as well as the first version of Exon-Capture assay for hexaploid wheat, both of which have been broadly used in wheat genomic studies.

***Dr. Shuyu Liu***

Associate Professor in Wheat Genetics, Texas A&M AgriLife Research –  
Amarillo

Shuyu Liu, is an Associate Professor in Wheat Genetics located at Texas A&M AgriLife Research at Amarillo Center. He has been working on gene/QTL mapping using bi-parental and association mapping for yield, its components, disease and pest resistances. High throughput molecular marker development, validation and application in wheat genetics, genomics and breeding.

**\*\* Open to All but RSVP required to Yan Yang [yy13sz14cz@tamu.edu](mailto:yy13sz14cz@tamu.edu) so she can send demo files to participants. Please install R (R-3.3.1-win), R Studio-0.99.902, TASSEL 5.0 on your computer before the workshop.\*\***