

Structural Genomics Workgroup Co-Chair Candidate.

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I was recently transferred to the USDA, ARS, SPA, Crop Systems Research Laboratory (CSRL), Plant Stress and Germplasm Development Research in Lubbock, TX (Jun. 2012). Before relocating, I worked at the USDA-ARS, PWA, Cotton Research Station in Shafter CA. As a Research Geneticist in the CSRL, Plant Stress and Germplasm Development Research in Lubbock, TX, I conduct laboratory, greenhouse, and field experiments on cotton breeding, genetics, and genomics. My research emphasizes on the responses of plants to thermal and water stress, and disease resistance. I use traditional and molecular approaches to development appropriate germplasm to reduce the impact of the stress on cotton yield and product quality. With application of molecular markers, I determine genome linkage relationships with important agronomic, fiber quality and disease resistance traits. I would be happy to serve as a Co-Chair of the Structural Genomics Workgroup to increase knowledge of the cotton genome for the benefit of the global community and to facilitate global communication, collaboration, and education regarding the cotton genome.