

Summer Research Program for Teachers 2018

The 2018 STARS Summer Research Program for Teachers included six science educators from Dallas-Fort Worth and surrounding areas. This eight-week program gave teachers an opportunity to work side-by-side with a faculty host in a research laboratory. It consisted of activities, seminars, and an individualized research project that contributed to the advancement of science. The teachers were able to showcase and share these advancements during the end-of-program scientific poster session.



Rebecca Bottin

CM Rice Middle School

Mentor: [Miriam Osterfield, Ph.D.](#)

The Shape of Things - Protein Localization in *Zaprionus davidi* Egg Chambers



Phillip Jones

North Mesquite High School

Mentor: [Avneesh Chhabra, M.D.](#)

Quantifying Differences in Soft Tissue and Girth in Common Hip Conditions of Femoroacetabular Impingement Versus Controls



Abbey Keeton

Richland High School

Mentor: [Elizabeth Goldsmith, Ph.D.](#)

MEK RASopathy Mutant Protein Expression and Purification



Denise Lopez

Amon Carter Riverside High School

Mentor: Woo-Ping Ge, Ph.D.
Fate Mapping of Postnatal Pericytes



Marcelo Migoni

Raul Quintanilla Sr. Middle School

Mentor: [Jian Xu, Ph.D.](#)
Targeting the Metabolic Vulnerabilities of Myeloid Leukemias



Lisa Phillips

Prestwick STEM Academy

Mentor: [Connie Hsia, M.D.](#)
Effect of Growth Factors on Canine Lung Growth and Remodeling After Pneumonectomy