The 2022 STARS Summer Research Program for Teacher included four teachers from Dallas-Fort Worth and surrounding areas. This 8-week program gave teachers an opportunity to work side-by-side with a faculty host. 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.

**Aaron Chila**  
Harlingen School of Health Professions  
Mentor: Ralph Mason, Ph.D.  
Evaluating the Efficacy of a Combination Treatment Against Kidney Cancer in a Mouse Model

**Cory Hamilton**  
Greenhill School  
Mentor: Joel Elmquist, D.V.M., Ph.D.  
The Role of Anchor in Energy Homeostasis in Drosophila Melanogaster and the Application of Fly Metabolism to the Middle School Classroom

**Emma DeVine**  
Greenhill School  
Mentor: Joel Elmquist, D.V.M., Ph.D.  
The Role of Anchor in Energy Homeostasis in Drosophila Melanogaster and the Application of Fly Metabolism to the Middle School Classroom

**Jasmine Jones**  
Skyline High School  
Mentor: Li Liu, Ph.D.  
Investigating Heme Targeting Treatments of Abdominal Breast Tumors in Mice

**Woodrow Wilson High School**  
Mentor: Tian Qin, Ph.D.  
Synthesis of BCP Bisboronate