

STARS Summer Research Program for Teachers 2024

The 2024 STARS Summer Research Program for Teacher included seven 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.



Julia Drake

Plano West Senior High
School

Mentor: [Ralph Mason,
Ph.D.](#)

Evaluating the Addition of a
Novel Vascular Disrupting
Agent To Treatment for Renal
Cell Carcinomas



Nancy Dunning

Townview School of
Helath Professions

Mentor: [Michael Reese,
Ph.D.](#)

A computational approach to
predict the structure of ERK7
protein-protein interactions



Felipe Monroy

Uplift Williams
Preparatory – Middle
School

Mentor: [Samuel
Achilefu, Ph.D.](#)

Informatics: Unveiling An
Analytics Dashboard for
Cancer Research and Science
Education



Beth Rollow

McKinney North High
School

Mentor: [Joel Elmquist,
D.V.M., Ph.D.](#)

Lcorl Expression in
Glutamatergic Neurons
Regulates Systemic
Metabolism