Aaron Anderson
Alex W. Spence Middle School
Host: Chalermchai Khemtong, PhD
The Effect of Exogenous Lactate Pool Size on Myocardial Metabolism of Pyruvate: A 13C NMR Isotopomer Study

Patricia Dailey
Sunset High School
Host: Rashmin C. Savani, MD
IL1-beta and Hyaluronan as Biomarkers of Bronchopulmonary Dysplasia in Preterm Infants

Bryan Bolster
Bryan Adams High School
Host: Nancy Monson, PhD
Antibody genetics of myelin basic protein reactive B cells

Nina Mai
H. Grady Spruce High School
Host: Padmakar Kulkarni, PhD
18F-Labeled Hydroxyquinoline: An Imaging Agent for Alzheimer’s Plaques

Elliot Charles
Sunset High School
Host: Orhan K. Oz, MD, PhD
Development of a PET Imaging Probe for Noninvasive Assessment of β-Cell Mass Change

Marissa Church
Young Women’s Leadership Academy
Host: Peter Michaely, PhD
LDL and VLDL Uptake in Fibroblast Cells
Lisa O’Connor  
Birdville Center of Technology & Advanced Learning  
Host: Weichun Lin, PhD  
Mammalian PEN-2 expression in the central nervous system

Brian Torres  
South Garland High School  
Host: Xiankai Sun, PhD  
Enhancing the β-cell Mass Imaging Signal Readout by Multivalent Probe Design

Charise Romeo  
L.G. Pinkston High School  
Host: Kathryn Davis, PhD  
The Role of Adipocyte Size in Facial Aging

Lorene Sandifer  
Seagoville High School  
Host: Michelle Gill, MD, PhD  
IgE Cross-Linking Induces IL-1β and IL-23 Secretion in Human Monocytes

Scott Sharp  
Bishop High School  
Host: Nicolai van Oers, PhD  
The development of mycobacterial strains expressing high levels of M. tuberculosis-encoded efflux pumps

Brook Varner  
Woodrow Wilson High School  
Host: Kent Hamra, PhD  
FLPO- Conditional Mutant Recombinase Gene