

<b>POSTER STAND POSITION</b>	<b>First Name</b>	<b>Last Name</b>	<b>Affiliation</b>	<b>Abstract Title</b>
<b>1</b>	Kshounish	Bhadra-Bhaduri	Southern Methodist University	High School Science Fairs: Post-highschool student c
<b>2</b>	Tyler	Harrison	Texas Lutheran University	TLU Optical Spectroscopy Research Lab: „Ä&lt;em>S
<b>3</b>	Seunghyeon	Lee	KIS Jeju	Consensus Dynamics in Multi-Agent Systems Consic
<b>4</b>	Osvaldo	Salas	Austin College	Utilizing Machine Learning to Characterize Transien
<b>5</b>	Cristian	Bahrim	Lamar University	Retention of Radiation on a Reflective Glass Surface
<b>6</b>	Marharyta	Baravok	University of Texas at Arlington	Antimatter Containment Chamber: Measurements an
<b>7</b>	Arjan	Suri	Texas Christian University	Analyzing Dynamical Differences Between Vaccinate
<b>8</b>	Ruhani	Ahluwalia	Southern Methodist University	Neurotransmitter Sensing with Graphene Quantum D
<b>9</b>	Jake	Ballard	University of Houston	Modeling Directed Motion in Active Microswimmers
<b>10</b>	Annitta	George	The university of Texas at San Antonio	Hydrodynamic and electro-mechanical characterizati
<b>11</b>	Anthony	Gerg	Texas Christian University	Quantifying Spatial Heterogeneity of Syncytial Cells
<b>12</b>	Devansh	Matham	Texas Christian University	Synthesis and Characterization of &alpha;-GaOOH M
<b>13</b>	Gabriel	McCarthy	Texas Christian University	Structural and Practical Identifiability Analysis of Mo
<b>14</b>	Md	Mohsin	University of Texas at San Antonio	Oscillating electrical signal propagation along microt
<b>15</b>	Himish	Paul	Texas Christian University	NIRvana in Bioimaging: Crafting Biocompatible Gra
<b>16</b>	Melodee	Seifi	The University of Texas at Dallas	Determining an Equivalent Circuit Model for DNA EI
<b>17</b>	Diya	Vashani	Texas Christian University	Luminous Odyssey: NGQDs Light the Way for Alzhei
<b>18</b>	Muhammad	Siddique	Texas Tech University	Comparison of Effects of Propofol, Sevoflurane and I
<b>19</b>	Ellin	Zhou	Jericho High School	5-Aminolevulinic Acid-Based(5-Ala) in the Treatment
<b>20</b>	Gan	Liang	Sam Houston State University	An In-situ Energy Dispersive X-ray Diffraction Measu
<b>21</b>	Ruben	Martinez	Texas Tech University	Temperature-Dependent Photovoltaic Study in Magn
<b>22</b>	Selena	Anderson	Texas State University	Electrical and magnetic characterization of Iron-Dope
<b>23</b>	John	Brannon	Texas Christian University	Role of Fe-Doping on ZnO's Morphology and Antibac
<b>24</b>	Jeffrey	Knoop	University of Texas at San Antonio	Non-Debye Behavior of the N&eacute;el and Brown f
<b>25</b>	Joshua	Torres	University of Central Oklahoma	Prediction of Magnetic Order and dimensionality in C

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26	Lizette	Sosa	University of Dallas	The Influencing factors of Sintering of Al <sub>2</sub> O <sub>3</sub> and YSZ
27	Christopher	St. Julian	Lamar University	Charge Transfer During H- Collisions with Au(111) S
28	Matthew	Caldarola	Texas A&M University	Integrated Photonics Characterization And Design Fo
29	Sahar	Delfan	Texas A&M University	Photonic Biosensor in Young Interferometer Configur
30	Richard	Kyung	CRG-NJ	Plasmonic Effects in Meta-materials to Enhance the I
31	Sean	Smith	University of Texas at Dallas	Heralded Generation of Correlated Photon Pairs fr
32	Neptune	Gainer	University of Texas at Arlington	Novel VUV Light Detection in a Pixelated Liquid Arg
33	Hannah	Lowrey	REU Student at Texas A&M Cyclotron	Modeling the Behavior of SONOS Devices Using Exp
34	Kara	Stogsdill	University of Texas at Arlington	Cooling Lithium in a Zeeman Slower for Neutrino Ma
35	Elizabeth	Veraa	Texas Tech University	Effects of Strong Electromagnetic Fields on Z0 Boson
36	Benjamin	Vines	University of Dallas	Irradiation of Zirconium-88 for purposes of Cross-se
37	Jenna	Glaze	Baylor University	The First Measurements of $\sigma_{8\gamma}$ with Type Ia S
38	Demi	Held	Austin College	Gravitational Lensing Signatures for Fuzzy Dark Mat
39	Seyed Javad (As	Jafarzadeh	University of Texas at Dallas	Wide Field Images Stellar Photometry
40	Ethan	Klarich	Texas Tech University Department of P	Revealing Cataclysmic Variable Superoutbursts: A
41	Nicholas	McClure	Texas Tech University	FlareFront: TESS insights into the Dwarf Nova ASAS
42	Jansyn	Pihl	Baylor University	The Effect of Weak Lensing on Supernova Ia Cosmo
43	Ishaan	Varshney	University of Texas at Arlington	Hydrodynamic Simulations of X-ray Bursts Winds
44	Dylan	Wallis	Baylor University	Improving Type Ia Supernovae Standardization With
45	Yunan	Xie	University of Texas at Dallas	An Integrated Pipeline for Cosmic Microwave Backg
46	Ezra	Acero	Texas Lutheran University	Surface Modified Gold Nanoparticles for Biomedical
47	John-Ryan	Lawrence	Texas A&M University Kingsville	Advancing Forensic Fingerprint Analyses
48	Matthew	Pyle	McMurry University	<em>Nonlinear effects in vibrating strings observed
49	Aaron	Salinas	Texas Lutheran University	Design and Fabrication of a New Measurement Setu
50	Luciano	Trejo-Ramirez	Texas Lutheran University	Improved Process for Fabrication of Bi-layer,Ã Pol