

Junior Division					
Last Name	First Name	School	Category	Project Name	Prize
Jopling	Madelyn	Renner	Engineering	From Trash To Treasure - Reclaiming Platinum From A Used Catalytic Converter	Grand Prize First Prize Ricoh sustainable Development Award Ricoh Sustainable Development Award National Society of Professional Engineers Innovative Engineering Award North Texas International Council on Systems Engineering Junior Division, 1st Place INCOSE Award
Rubinett	Andrew				Grand Prize
Fu	Justin				First Prize
Garber	Teddy	Frankford	Team Project - Life Sciences	Just A Tad Longer	
Myers	Erin	Hendrick	Behavioral and Social Science	Dress For Success	First Prize American Psychological Society Outstanding Research Psychology
Anderson	Samantha	Renner	Behavioral and Social Science	Silence Is Golden: The Effect Of Noise On Test Taking	Honorable Mention
Osborne	Morgan	Renner	Behavioral and Social Science	Are We Different?	Honorable Mention
Tharp	Dustin	Armstrong	Biochemistry	I C Vitamin C!	Honorable Mention
Strecker	Edward	Renner	Biochemistry	How Sweet It Is! Do Organisms Live Longer On Natural Or Refined Sugar?	Second Prize
Sharma	Sachien	Hendrick	Botany	Weeds Weeds, There Everywhere!	Honorable Mention
Ou	Derek	Renner	Botany	Green and Grassy	Honorable Mention
Taylor	Austin	Renner	Botany	H ₂ O ₂ - For Better Or Worse	Honorable Mention U.S. EPA Region 6 Junior Division Third Placd
Manivasagam	Sindhu	Rice	Botany	The Effect of CO ₂ on Plants	Second Place
Hsieh	Ellen	Robinson	Botany	Hurry Up! It's Time For You To Ripen	First Prize
Thomas	Nimmy	Wilson	Botany	"Water Works!"	Third Prize
Hall	Ivan	Bowman	Chemistry	Be Cool	Honorable Mention
Spraetz	Austin	Carpenter	Chemistry	Hazard In The Litter Box	Honorable Mention
Rodriguez	Ana	Hendrick	Chemistry	Tick Tock I've Got A Clock	Honorable Mention
Li	David	Rice	Chemistry	How The PH Level Affects The Electrical Conductivity Of Different Liquids	First Prize
Jain	Crystal	Schimelpfenig	Chemistry	How Do Sugar Densities Affect Refractive Index Of Water?	Second Prize
Dinsmore	Dana	Wilson	Chemistry	Flame Factor	Honorable Mention
Baio	Craig	Frankford	Computer Science	Connecting Wirelessly	Honorable Mention

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D'Souza	Neil	Haggard	Computer Science	ZZZZ...Zip It! The Role Of Content In Compression Efficiency & Investigation Of A Method To Improve Image Compression Ratio	First Prize Texas Instruments DSP Engineering Junior Division - Second Place
Chang	Julie	Rice	Computer Science	WLAN In The Household	Second Prize Texas Instruments DSP Engineering Junior Division - Third Place
Ram	Vivek	Robinson	Computer Science	RFID - Reliable Enough?	Rockwell Collins Leadership Association Third Place
Ables	Chelsea	Armstrong	Earth & Space Science	Caves Rock	Honorable Mention
Kurkowski	Michelle	Frankford	Earth & Space Science	Raindrops Keep Falling On My Head: A Comparison of Acid Rain Levels In Different Areas Of The U.S.	First Prize American Meteorological Society, North Texas Chapter Junior Division First Place Water Environment Association of Texas Junior Division Third Place
Bharadwaj	Vybhavi	Renner	Earth & Space Science	Foggy Colors	Second Prize
Bennett	Jennifer	Rice	Earth & Space Science	Ocean Wave Power	Honorable Mention
Li	Ruth	Rice	Earth & Space Science	Momentum And Angle Effects Of Meteors	Association for Women Geoscientists Excellence in Geoscience
Mistry	Ragini	Rice	Earth & Space Science	How Earthquakes And Oceanography Can Affect A Tsunami	First Prize Southwest Airlines Junior Division Earth & Space First Place
Sharma	Prateek	Rice	Earth & Space Science	Studying The Effects Of Earth's Thining Atmosphere	Honorable Mention
Fremerman	Priya	Frankford	Engineering	Pump It Up	Honorable Mention Water Environment Association of Texas Junior division Second Place
King	Gillian	Murphy	Engineering	All Strung Out	Honorable Mention
Murzyn	Christopher	Renner	Engineering	Too Hot For Solar Power	Honorable Mention U.S. EPA Region 6 Junior Division Third Placd
Bhattacharya	Prateek	Rice	Engineering	Effects Of Flow Rate Of Water, Armature Size, And Magnetic Flux, On Hydroelectric Generation	Honorable Mention
Bane	Eric	Schimelpfenig	Engineering	Evaluation Of Propeller Designs For Wind Turbines	Honorable Mention
Mahre	Andrew	Wilson	Engineering	Of Corse, Velocity Matters! - Year 2	Second Prize
Rehkemper	Stanton	Wilson	Engineering	Where The Rubber Meets The Load	Third Prize North Texas International Council on Systems Engineering Junior Division, 2nd Place INCOSE Award
Hatridge	Clay	Frankford	Environmental Science	Spin To Win: A Study of Pollution's Effect On Hydroelectric Power	Honorable Mention Water Environment Association of Texas Junior Division First Place

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Yu	Philip	Rice	Environmental Science	Cleaning Up Oil Spills Using Different Types of Sorbents	Third Prize National Oceanic and Atmospheric Administration NOAA
Faubert	Madeleine	Schimelpfenig	Environmental Science	Hot Colors	Second Prize
Alvarenga	Maria	Wilson	Environmental Science	RX For The Acid Rain Effect	Honorable Mention National Oceanic Atmospheric Administration NOAA
Meyers	Taylor	Murphy	Mathematics	Roll Em'Up	Honorable Mention
Shidate	Miri	Rice	Mathematics	Patterns In Dimensions	Honorable Mention
Dewey	Ryan	Robinson	Mathematics	The Power Of PI	Honorable Mention
Roth	Evan	Frankford	Medicine & Health	Down It! Effects Of Calcium Supplements On The Bones Of Gallus Domesticus	First Prize
Gunnels	Mallory	Renner	Medicine & Health	The Effect Of Creatine Supplementation On Planaria Regeneration	Third Prize The Cooper Institute Exercise/Health/Nutrition - Junior Second Place
Mathiak	McKenna	Rice	Medicine & Health	The Effects Of Smoking On Coagulability	Honorable Mention U.S. Department of Health & Human Services Healthy People 2010
Mak	Boston	Robinson	Medicine & Health	Pain In The Backpack	Second Prize American Industrial Hygiene Association, N. Texas Section Junior Division 1st Place
Footitt	Rachel	Hendrick	Microbiology	I'm Never Brushing My Teeth Again	Third Prize
Johnson	Travis	Wilson	Microbiology	Shock Treatment	Honorable Mention
Moreno	Nicole	Armstrong	Physics	Which Pitch Is Which? A Study Of Temperature On Pitch Of Stringed Instruments	Honorable Mention
Johnson	Tyler	Hendrick	Physics	Viscosity Of Liquids	Honorable Mention
Zhou	Janet	Renner	Physics	Tsunami Protector	Honorable Mention
Raman	Hari	Rice	Physics	Absorb Or Reflect - A Study On RFID Tagging	Texas Instruments DSP Engineering Junior Division First Place
Zhang	Janice	Rice	Physics	The Effect Of Additives On Refraction	Honorable Mention
Poorman	Megan	Robinson	Physics	Can You Hear Me Now?	Third Prize
Chambers	Chester				
Stelly	Aaron	Bowman	Team Project - Life Sciences	Why Don't You Slide	Honorable Mention
Golem	Lindsay				
Yarborough	Stephanie	Frankford	Team Project - Life Sciences	Now You See It ... Now You Don't - Altering The Rate Of Decomposition	Honorable Mention
Potter	Sam				
Clanton	Jonathan	Robinson	Team Project - Life Sciences	Think Before You Drink	Honorable Mention
Davis	Russell				
Chancellor	Perry	Armstrong	Team Project - Physical Sciences	William's Apple Split	First Prize U.S. Metric Association Best Use of SI Metric System
Marrow	Hunter				
Bull	Jonathan	Armstrong	Team Project - Physical Sciences	The Compressibility's Of Different Types Of Wood	Honorable Mention

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Bryant Diggs	Jonathan Chayton	Bowman	Team Project - Physical Sciences	Swimming With Sound	Third Prize
Amin Howard Makanji	Daniel Justin Chirag	Frankford	Team Project - Physical Sciences	Blown Away	Honorable Mention
Coburn Gonzalez	Jarvis Daniel	Frankford	Team Project - Physical Sciences	Superconductivity: A Cool Solution To A Hot Problem	Honorable Mention
Feng Sachdeva	Michelle Maya	Frankford	Team Project - Physical Sciences	Calling Lead: The Effect Of Disassembly On ROHS Compliance	Honorable Mention
Gopal Hoskins	Vineet Chase	Haggard	Team Project - Physical Sciences	The Tone Of Water	Acoustical Society of America Outstanding Junior Acoustical Project
Goodhartz Gupta	Nick Varud	Schimelpfenig	Team Project - Physical Sciences	Braking Is Fun	Honorable Mention
Walker Wan	Brett Jason	Schimelpfenig	Team Project - Physical Sciences	Sandbaggin For Dummies	Honorable Mention
Sloan Lee	Christina Stacy	Wilson	Team Project - Physical Sciences	Heat Islands II: Where Is The Heat Stored?	Third Prize

Senior Division					
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Nanney	Jeff	PESH	Mathematics	Discrete Dynamical Systems In Directed Graphs	Grand Prize First Prize MU Alpha Theta Best Use of Modern Mathematics United States Army Outstanding Achievement in Math
Heacock	Colleen	Clark	Zoology	Is That Gas Buggin' You?	Grand Prize First Prize
Lookmanjee	Nabeel	Clark	Botany	Purifying A Toxic Soup	Grand Prize First Prize Dallas-Fort Worth Chapter of ACHMM Best Senior Project for Hazardous Materials Manage Terracon Senior Division First Place Water Environment Federation Water Prize Water Environment Association of Texas Senior Division First Place United States Army Outstanding Achievement in Botany
Goreczky	Sophia	Shepton	Engineering	LISSA - Light Intensity And Sonar Sensing Assistant	Grand Prize First Prize Texas Instruments DSP Engineering Senior Division - Second Place International Society for Optical Engineering Best Optical Science & Engineering Project United States Army Outstanding Achievement in Engineering National Society of Professional Engineers Innovative Engineering Award
Balasubramanian	Sai	Jasper	Behavioral and Social Sciences	Behavioral Experiments With RIM-/-Mice In Morris Water Maze To Determine Plasticity In Presynaptic Terminals And Spatial Learning Capabilities	First Prize United States Army Outstanding Achievement in Life Sciences
Wang	Kerry	PSHS	Behavioral and Social Sciences	Pure Pwnage II	Third Prize Institute of Industrial Engineers, Dallas Outstanding Project in Industrial Engineering
Wynne	Marika	Vines	Behavioral and Social Sciences	A Study Of Short Term Memory As Affected By Learning Styles	Second Prize
Zeng	Xin	PESH	Behavioral and Social Sciences	Hypnopeadia	Honorable Mention
Cravens	Adam	Clark	Biochemistry	Antioxidants In Fruits	Honorable Mention

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Johnson	Ashley Ann	PSHS	Biochemistry	DNA On A Budget. A Study Of Electrophoresis And Plant DNA	Third Prize
Lu	Amanda	Jasper	Biochemistry	Popeye's Secret Weapon: The Effect Of Spinach On Improving Immune Responses	Second Prize Longhorn Institute of Food Technologists Senior Division 1st Place Winner
Shah	Perini	PSHS	Biochemistry	BubRi's Role On Abnormal Chromosome Segregation	Honorable Mention
Xu	Louisa	PSHS	Biochemistry	Analysis Of Interactions Between HIV-I TAT and TRAP Using FRET Microscopy	First Prize
Duke	Zachary	Clark	Botany	Smokin' Seeds: The Effects Of Smoke On Seed Growth	Third Prize
Shepherd	Nicole	PSHS	Botany	Sand Dunes: The Dirty Truth	Second Prize
Ying	Jeremy	Vines	Botany	Rads, Radishes, and Radiation	Honorable Mention
Abramov	Semen	PWSH	Chemistry	Separation Of Single-Walled Carbon Nanotubes By Gel Electrophoresis	Honorable Mention
Fatemi	Parastou	PESH	Chemistry	The Synthesis And Analysis Of A Para-Wurster's Crown Ether With High Oxidation Potential	Honorable Mention
Israni	Vinita	Vines	Chemistry	From Money To Matter	Third Prize
Bastani	Osbert	Jasper	Computer Science	A Study Of Secure Computation	Honorable Mention Rockwell Collins Leadership Association Second Place
Haines	Carter	PESH	Computer Science	Artificial Intelligence: Learning From Your Mistakes	Second Prize Raytheon Company, Intelligence & Information Systems, Ga Senior Division First Place
Hwang	Eric	PSHS	Computer Science	Effectiveness Of Anti-Worm Defenses On The Propagation Of Computer Worms In A Network Simulation	Honorable Mention
Liu	David Gao	Williams	Computer Science	WMA Vs DAC: Comparing Audio Codecs Based On File Size, Quality, And Usefulness	Third Prize Acoustical Society of America Outstanding Senior Acoustical Project
Toupal	Ronnie	Clark	Computer Science	The Study Of Algorithm Efficiency On License Plate Recognition	First Prize Intel Excellence in Computer Science Award United States Army Outstanding Achievement in Computer Sciences
Ha	Gabriel	PSHS	Earth & Space Science	Colorful Storm	Honorable Mention American Meteorological Society Outstanding Achievement Atmospheric Exhibit
Manchanda	Kshitij	Clark	Earth & Space Science	Mars Methane Mystery	Honorable Mention

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Reames	Larissa	PSHS	Earth & Space Science	North Atlantic Hurricanes In The Past And Next Thirty Years	Honorable Mention American Meteorological Society, North Texas Chapter Senior Division First Place American Meteorological Society Outstanding Achievement Atmospheric Exhibit
Freeman	Isaac	Clark	Engineering	Seeing The Light: Testing The Overall Efficiency Of Various Types Of Light Bulbs	Honorable Mention U.S. Navy & Marine Corps Senior Division Distinguished Achievement North Texas International Council on Systems Engineering Senior Division, 1st Place INCOSE Award
Kinra	Sonia	PSHS	Engineering	Keep Your Cool: A Second Year Study Of Residential Heating & Air Conditioning Energy Efficiency	Honorable Mention
Kuo	Kane	Shepton	Engineering	The Fuel Cell And Paragong Method	U.S. Navy & Marine Corps Senior Division Distinguished Achievement
Lanka	Theja	PESH	Engineering	Charge Injection Gated Carbon Nanotube Transistors	Honorable Mention Texas Instruments DSP Engineering Senior Division - Third Place YSEA 11th Grader in Computer, Engineering, Physics, Chemistry
Ram	Vijay	Clark	Engineering	Fishy Business...	U.S. Air Force Senior Division Winner
Tamil	Jessica	Jasper	Engineering	Imitating Plant Energy Conversion: Organic Vs. Inorganix Photovoltaic Cells	Honorable Mention
Chattopadhyay	Arhana	PESH	Environmental Science	Computational Design Of A Novel Pathway For Methanol Synthesis	First Prize Ricoh Sustainable Development Award Ricoh Sustainable Development Award United States Army Outstanding Achievement in Chemistry
Kapoor	Tarang	Clark	Environmental Science	Ocean Energy	Honorable Mention
Rose	Johnathon	PSHS	Environmental Science	The Application Of A Balanced Inductance Bridge Circuit In Incorporation With Scanning Methods In The Study Of Topsoil Interpretation	Third Prize
Yassine	Asil	Shepton	Environmental Science	"Oh, The Weather Outside Is Frightful" Year II	Honorable Mention American Meteorological Society Outstanding Achievement Atmospheric Exhibit
Huang	Alexander	Vines	Mathematics	Shortcut-Exploration Of Straight-Skeleton Construct Methods For The Single-Complete-Straight-Cut Conjecture In Origami Using Topological Analysis And Computational Geometry Programming In Excel	Third Prize U.S. Navy & Marine Corps Senior Division Distinguished Achievement
Wang	Daniel	PSHS	Mathematics	Group Structure Within The Generalized $3x+1$ Dynamical Systems	Second Prize MU Alpha Theta Best Use of Modern Mathematics
Hayden	Dallas	Shepton	Medicine & Health	Naughty Knots, Don't Unravel On Me	Honorable Mention The Cooper Institute Exercise/Health/Nutrition - Senior Third Place

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Lavine	Jason	PSHS	Medicine & Health	Linking Erectile Dysfunction To Alzheimer's Disease	Honorable Mention U.S. Department of Health & Human Services Healthy People 2010
Sethuraman	Shilpa	Clark	Medicine & Health	Do Vegetarians Lose Out On Protein?	Third Prize The Cooper Institute Exercise/Health/Nutrition - Senior First Place
Zhang	Nannan	PSHS	Medicine & Health	Cardiovascular Stress From Video Games? Level 3	Second Prize Dallas County Medical Society Senior Division - Third Place Medicine
Mallepally	Niharika	Clark	Microbiology	The Antibiotic Effects Of Coconut Water	Third Prize
Subramanian	Abirami	Clark	Microbiology	Cell Growth: The Effects Of Radiation From Universally Used Devices On Amoeba	Honorable Mention
Chang	Christina	Jasper	Physics	A Novel Method To Reduce Cell Phone Radiation	Honorable Mention Rockwell Collins Leadership Association First Place American Society of Safety Engineers Senior Division Winner North Texas International Council on Systems Engineering Senior Division, 2nd Place INCOSE Award American Industrial Hygiene Association, N. Texas Section Senior Division 1st Place
Chatterjee	Korok	Clark	Physics	Silicon Illuminated: The Relationship Of The Conductivity Of Silicon With Electromagnetic Radiation	Second Prize U.S. Navy & Marine Corps Senior Division Distinguished Achievement
Smith	Kelsey	Clark	Physics	Tuning In	Honorable Mention Acoustical Society of America Outstanding Senior Acoustical Project U.S. Navy & Marine Corps Senior Division Distinguished Achievement
Sofman	Marianna	PESH	Physics	Physics Can Prove Mathematics: A Second Year Study	First Prize United States Army Outstanding Achievement in Physics YSEA 11th Grader in Computers, Engineering, Physics, Chemistry
Herrington Hsieh	Lisa Wilson	PWSH	Team Project - Life Sciences	The Effect And Potential Application Of Cholesterol-Lowering Agents And Natural Substances On Human Prostate Cancer And Its Mechanism Of Action	Honorable Mention
Lee Ghiya	Seungah Stuti	Clark	Team Project - Life Sciences	What's Up With Your Milk? A Study Of Photochemistry In Milk	Honorable Mention
Lin Montgomery	Debra Kristen	PSHS	Team Project - Life Sciences	Caffeine... The Best Part Of Wakin' Up?	Honorable Mention
McGee Pyle Venable	Katie Sara Keele	Williams	Team Project - Life Sciences	Self-Tanner: Cost, Is It Everything?	Second Prize
Mullins Kauffman Stelly	Perry Eric Brian	PESH	Team Project - Life Sciences	Wat'r You Filtering? The Sequel	Water Environment Association of Texas Senior Division - Second Place

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Tekle Spencer Adkison	Robel Bryan Brandon	Clark	Team Project - Life Sciences	Is Lassie Faster Than Air Bud?	Honorable Mention
Wu Stoughton	Michael Stephanie	Shepton	Team Project - Life Sciences	A Study Of The Effects Of Hydroxyvrea And N-Acetyl Cysteine On The Sickle Red Blood Cell	Third Prize
Zhao Lin	Dawn Karen	Shepton	Team Project - Life Sciences	Manipulation Behind The Scenes	First Prize American Psychological Society Outstanding Research Psychology
Akhavanzadeh Do Patel	Arvin Lisa Veena	PESH	Team Project - Physical Sciences	Why Birds Don't Have Big Butts: An Study Of Aerodynamics	Honorable Mention
Brenner Li Kavi	Matthew Michael Arjun	Shepton	Team Project - Physical Sciences	Nanocrete: A Study Of The Effect Of Carbon Nanotubes On The Structural Integrity Of Cement	Third Prize ASM International Foundation Best Materials Engineering Project U.S. Metric Association Best Use Of SI Metric System
Patro Padhi Araiza	Ankita Tapannita Matthew	Clark	Team Project - Physical Sciences	"Deep Impact" On Dirty Snowballs: A Study Of Comets	Honorable Mention
Ram Venkatraman	Ananth Aran	Clark	Team Project - Physical Sciences	Developing A Control Methodology For Efficient Tinting Of Electrochromic Windows	Second Prize U.S. EPA Region 6 Senior Division First Place
Shung Lashgari	Dustin Yasha	Clark	Team Project - Physical Sciences	Out Of The Frying Pan. Into The Tank.	First Prize U.S. EPA Region 6 Senior Division Second Place
Oom	Jonathan	Clark	Zoology	Utilization Of Electrical Fields On Silkworms	Honorable Mention