

2002 ExxonMobil Texas Science & Engineering Fair Winners List

Place	Name	School	Hometown	Title	Special Awards
<b>Junior - Grand Prizes</b>					
<b>Grand Prize-Life Science</b>	<b>Russell Burrows</b>	<b>Barbara Bush Middle School</b>	<b>San Antonio</b>	<b>The Buzz on Bees: The Effects of Nicotine on the Consumption of Alcohol by the Apis Mellifera - A second year study on Honey Bees as an Ethanol Model</b>	
<b>Grand Prize-Physical Science</b>	<b>Ashley Woodall</b>	<b>Austin Academy for Excellence</b>	<b>Rowlett</b>	<b>The Physics of Mallet Percussion: The Search for an Alternate Wood</b>	

**Junior - Behavioral/Social Sciences**

1st Place	Audrey Achilles	Travis Middle School	Irving	What Does Handwriting REALLY Say?	Scientific American Award (+subscription)
2nd Place	Christopher Corley	Midway Middle School	Waco	Prescribing Laughter	Lockheed Martin Award for Outstanding Science Project
3rd Place	Lauren Hirsch	Armstrong Middle School	Richardson	Family Feud: The Relationship Between Obsessive-Compulsive Disorder and Birth Order	
Honorable Mention	Drew Duhon	Branch Crossing Junior High	The Woodlands	Can You Name Them In A Row?	
Honorable Mention	Elizabeth Payson	Midway Middle School	McGregor	What's Geoffery's Favorite Color?	

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**Junior - Biochemistry**

1st Place	Carter Hallmark	All Saints Episcopal School	Brownsboro	Enzyme Power	Lockheed Martin Award for Outstanding Science Project
2nd Place	William Castro	Dwight Eisenhower Middle Sch	San Antonio	Cell Volume Control...How Sweet it is!	
3rd Place	Jeff Stein	Benjamin Franklin M.S.	Dallas	Zip It or Bag It	
Honorable Mention	Kenneth Taliaferro	Stephen F. Austin	Bryan	Food Calories	
Honorable Mention	Ross Tolleson	College Station Middle School	College Station	Forage Quality Of a Native vs. an Introduced Grass Species	

**Junior - Botany**

1st Place	Jason Lavine	Wilson Middle School	Plano	From Diapers to Dirt Year II: Using Super Absorbent Polymer to Improve Crop Yield	Scientific American Award (+subscription) -and- Lockheed Martin Award for Outstanding Science Project
2nd Place	John Baumhardt	Crockett Middle School	Amarillo	The Grass Is Always Greener: Depending On Water Use	
3rd Place	Michael Montelongo	Desert View	El Paso	Recycling Lint- Effects on Growing Plants	
Honorable Mention	Michael Shak	Miller Int.	Lubbock	Are Herbicides Defeating The Purpose	
Honorable Mention	Zach Dotray	Christ the King School	Pasadena	Plant Reflectance	

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Junior - Chemistry

1st Place	Everette Kreider	Stinson Middle School	Helotes	Comparing The Thermal Transport Properties Of Water And Ethylene Glycol	Lockheed Martin Award for Outstanding Science Project
2nd Place	Arreanna Rostosky	The John Cooper School	Houston	Crystal Criteria	
3rd Place	Christine Gerbode	Lanier	Houston	Black Magic: Will It Last?	
Honorable Mention	Beau Bervard	Lincoln	College Station	Sizzling Nuts	
Honorable Mention	Chris Cralle	College Station Middle School	San Angelo	Chemical Composition of the United States Penny	

Junior - Computer Science

1st Place	Brandon Jackson	Lovelady Junior High	Lovelady	Can Anyone Build A Matcgbx Computer?	Lockheed Martin Award for Outstanding Science Project
2nd Place	Michael Matushek	Frankford Middle School	Dallas	A Better Zipper: A Study of Two Data Compression Algorithms	
3rd Place	Jacob Darby	Three Arrows Academy	Plano	For Heat Sinks, Silver Takes the Gold!	
Honorable Mention	Adelina Solis	T. H. Rogers	Houston	Word Wise	
Honorable Mention	Karen Kucker	Bailey Middle School	Austin	The Creation and Endurance of a PC	

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**Junior - Earth and Space Sciences**

	Lila Tetzlaff	T.H. Rogers	Houston	Down by the Seashore	Association for Women Geoscientists Award
1st Place	Lindsay Greenup	Eastwood Knolls	El Paso	Testing Soils for Strength	
2nd Place	Mary Kennedy	Crockett Junior High	Fair Oaks Ranch	Shake, Rattle and Roll: The Effects of an Earthquake on Small Structures	Lockheed Martin Award for Outstanding Science Project
3rd Place	Tyler Snedden	Branch Crossing	The Woodlands	Effect of Soils and Surfaces On Water Runoff and Flooding	
Honorable Mention	Eric Weissling	Canyon Middle	New Braunfels	The Eyes in Space	
Honorable Mention	Nicole Walker	Cummings Middle	Brownsville	The Ecliptic Witness	
Other	Elizabeth Turner	Branch Crossing	The Woodlands	The Orbital Trajectory of Saturn	Office of Naval Research Award -and- Eastman Kodak Photographic Award (+camera)

**Junior - Engineering**

1st Place	Steven Mo	Pershing Middle School	Houston	Natural Periods of Buildings	U.S. Metric Association Award
2nd Place	Jenna Schmeier	Blalack Middle School	Carrollton	Caution: High Decibel Area - A 2nd Year Study	Herbert Hoover Young Engineer Award -and- Lockheed Martin Award for Outstanding Science Project
3rd Place	Courtney Rafes	Gene Pike Middle School	Ponder	The Not So Big Bang	
Honorable Mention	Corene Sullivan	Barbara Bush Middle School	San Antonio	The Cycles of Resonance	

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**Junior - Environmental Sciences**

1st Place	Eric Gonzales	Hobby Middle School	San Antonio	Is Synthetic Motor Oil Environmentally Safer Than Petroleum Motor Oil	Lockheed Martin Award for Outstanding Science Project
2nd Place	Kathryn Ehrhart	Heritage Middle	Grapevine	How Clean is the Air we Breathe	
3rd Place	Wesley Hong	Barbara Bush	San Antonio	Yeast- A Filtration Agent for Heavy Metals	
Honorable Mention	Kelly McDermott	Frankford	Dallas	Good Vibrations	
Honorable Mention	Rachel Preston	Keystone School	San Antonio	Hypoxia Tolerance and Acclimation in Water Organisms	
Other	Yoshio Pineda	Cummings Middle	Brownsville	Rio Grande and Vegetation: The Improvement to Plantations?	TX A&M Young Ecologist Award

**Junior - Gerontology**

1st Place	Amy Taffet	Lanier Middle School	Houston	Mom, There is Enough Light	
2nd Place	Taylor Turpin	Mexia Junior High	Tehuacana	Who Let the Dogs Out?	
3rd Place	Michael Herzik	Hobby Middle School	San Antonio	The Effect of Chunking of Information on the Number of Recalled Information from each Age Group	Lockheed Martin Award for Outstanding Science Project

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**Junior - Math**

1st Place	Rancy Li	T. H. Rogers	Houston	Roll, Roll, Roll Your Dice	Scientific American Award (+subscription)
2nd Place	Robyn Allen	Eisenhower M.S.	San Antonio	The Bubbles of Plato	Lockheed Martin Award for Outstanding Science Project
3rd Place	Karthik Bhandari	Travis Elementary	Mineral Wells	Fractals And Music	
Honorable Mention	Corina Lopez	Perkins Middle School	Brownsville	Temperature Bouncers	
Honorable Mention	Thomas Miller	Lake Air Middle School	Waco	Probability Pinball	

**Junior - Medicine and Health**

1st Place	Micah Jue	Lakeview middle School	The Colony	Up In Smoke, Year II	Lockheed Martin Award for Outstanding Science Project
2nd Place	Zachary Kearn	Omar N. Bradley	San Antonio	Is Chlorination All Washed Up?	
3rd Place	Thomas Kinzeler	Crockett Jr. High	Crockett	Mail Carrying Disease	
Honorable Mention	Rocio Rocha	Ysleta	El Paso	The Lungs Vital Capacity	
Honorable Mention	Ryan Shill	Carpenter	Plano	The Effect Of Cell Phone Design On RF Radiation To The Head	
Other	Nicholas Meacham	Ranchland Hills Middle School	El Paso	Lungs on Fire!	U.S. Public Health Service Award

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**Junior - Microbiology**

1st Place	Elise Miller	William James Middle	Fort Worth	Antibiotic Resistance: A Crack in the Wall	Lockheed Martin Award for Outstanding Science Project
2nd Place	Emily Hsu	DeWitt Perry Middle School	Carrollton	The Lord of the Seas	
3rd Place	Cullen Galow	Brenham Jr. High School	Brenham	Killer Worms: The Effect of Anthelmintics in Decreasing Hookworm Occurrence in Capra hircus (Goats)	
Honorable Mention	Erica Goven	Liberty Christian School	Carrollton	Handle with Care	
Honorable Mention	Margaret Tankard	O. Henry Middle School	Austin	Water Clarity vs. Microscopic Life	

**Junior - Physics**

1st Place	Ashley Woodall	Austin Academy for Excellence	Rowlett	The Physics of Mallet Percussion: The Search for an Alternate Wood	Scientific American Award (+subscription) -and- Lockheed Martin Award for Outstanding Science Project
2nd Place	Joseph Rosenthal	The John Cooper School	The Woodlands	Water: Why Is It Waving At You?	
3rd Place	Rupak Chakraborty	First Colony	Missouri City	What a Drag?!	
Honorable Mention	Barney Canson	Mashall Junior High		How Does Temperature Affect a Magnet	
Honorable Mention	Christopher Seelinger	COLLEYVILLE MIDDLE SCHOOL	Colleyville	Properties of Magnetic and Diamagnetic Material	
Other	Reginald Lloyd	St. Peters Prince	San Antonio	The Effect of Flashing Lights in Video Games on Short Focus Distance	Office of Naval Research Award

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<b>Junior - Team Projects</b>					
1st Place	Nicole Wen	Keystone School	San Antonio	Guard Cell Response to the Visible Spectrum in an Electromagnetic Environment	Lockheed Martin Award for Outstanding Science Project
1st Place	Sasha Rohret	Keystone School	San Antonio	Guard Cell Response to the Visible Spectrum in an Electromagnetic Environment	Lockheed Martin Award for Outstanding Science Project
1st Place	Stephanie Hicks	Keystone School	San Antonio	Guard Cell Response to the Visible Spectrum in an Electromagnetic Environment	Lockheed Martin Award for Outstanding Science Project
2nd Place	Ahmed Atik	Harmony Science Academy	Houston	Project GSS	
2nd Place	Daniel Joseph	Harmony Science Academy	Houston	Project GSS	
2nd Place	Ryan Lambert	Harmony Science Academy	Houston	Project GSS	
3rd Place	Barbara Ekerdt	Murchison	Austin	Can Different Colored Flower Petal Extracts Be Used as pH Indicators?	
3rd Place	Vanessa Hart	Murchison	Austin	Can Different Colored Flower Petal Extracts Be Used as pH Indicators?	
Honorable Mention	Eric Zimmerman	Murchison Middle School	Austin	aMAZEing MICE	
Honorable Mention	Nathan Trenholm	Murchison Middle School	Austin	aMAZEing MICE	
Honorable Mention	Jessica Wilson	Tahoka Middle School	Tahoka	Waste Not: Phase II	
Honorable Mention	Melissa Campbell	Tahoka Middle School	Tahoka	Waste Not: Phase II	

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<b>Junior - Zoology</b>					
1st Place	Russell Burrows	Barbara Bush Middle School	San Antonio	The Buzz on Bees: The Effects of Nicotine on the Consumption of Alcohol by the Apis Mellifera - A second year study on Honey Bees as an Ethanol Model	Scientific American Award (+subscription) -and- Lockheed Martin Award for Outstanding Science Project
2nd Place	Nicole Shepherd	Schimelpfenig MS	Plano	Kill Them Before They Kill You: A look at the effects of citronella oil, peppermint oil and tea tree oil on the mosquito(Culex sp.)in the three stages	
3rd Place	Meredith Parr	Clint Small	Austin	Soil Preferences of Worms	
Honorable Mention	Katie Gaston	William James	Benbrook	The Scoop on Poop	
Honorable Mention	Nicole Mathis	Tejeda Middle School	San Antonio	Animal Heart Rates	

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<b>Senior - Grand Prizes</b>					
<b>Grand Prize</b>	<b>Alice Chai</b>		<b>Plano</b>	<b>Data Detectives: A Study of CRC Polynomials</b>	
<b>Grand Prize</b>	<b>Mengfei Huang</b>		<b>Houston</b>	<b>Mutant Flies and Brain Genes</b>	
<b>Grand Prize</b>	<b>Saujan Sivaram</b>		<b>Houston</b>	<b>Study of Single Crystal Carbon Nanotubes</b>	

**Senior - Behavioral/Social Sciences**

1st Place	Michael Buhrmester	Plano Senior High School	Plano	"We Find the Defendant..." Jury Bias in the Courtroom	Lockheed Martin Award for Outstanding Science Project
2nd Place	Nandita Chopra	Tom C. Clark High School	San Antonio	The Phenomenon of Phi and it	
3rd Place	David Schulze	Tom C. Clark High School	San Antonio	How Relaxation Affects Personality	
Honorable Mention	Jennifer Malin	Clear Lake High School	Houston	Nothing But the Truth	
Honorable Mention	Veronica Glass	Seguin High School	McQueeney	Innate Receptiveness Between Genders	

**Senior - Biochemistry**

1st Place	Arpan Satsangi	Northside Health Careers HS	San Antonio	Osteoblast Response to Phospholipid Modified Titanium Surface	Lockheed Martin Award for Outstanding Science Project
2nd Place	Lane Haygood	Andrews High School	Andrews	Rats on Drugs	
3rd Place	Chang Kim	Bellaire High School	Houston	The Effects of Ginseng on Lung Cancer Cell Growth	
Honorable Mention	Brett Snider	Jasper High School	Plano	The Gas is Always Cleaner on the Pressured Side	
Honorable Mention	Rosa Lafer-Sousa	Keystone School	San Antonio	Engineering a Molecular Motor From RNA Polymerase and DNA	

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<b>Senior - Botany</b>					
1st Place	Andrew Kung	Plano Senior High School	Plano	Green Sweep	Lockheed Martin Award for Outstanding Science Project
2nd Place	Jessica Clay	Academy for Science & Health	Conroe	Rubisco in C3, C4, and CAM Plants	
3rd Place	Kevin Gao	John B. Connally	Austin	Bactericidal activity in vitro of Chihuahuan desert plants and a synergistic approach to overcoming broad-spectrum antibiotic resistance	
Honorable Mention	Candice Weiner	Keystone	Luling	The Role of Mature Leaf Position on Stomatal Development in New Leaves in Response to Carbon Dioxide Levels	
Honorable Mention	Maricela Castillo	Academy of Science and Technol	The Woodlands	Expression of a Jellyfish Gene in Arabidopsis	

**Senior - Chemistry**

1st Place	Dianna Spence	Plano Senior High School	Plano	Echinacea: A Natural Antibiotic? A 4th year study	
2nd Place	Yu Cao	Clear Brook	Friendswood	?? AN ANTI-CANCER TREE ?? (Phase III)	UTA Dept. of Chemistry and Biochemistry, "Promising Chemist Award" (+\$500) -and- Lockheed Martin Award for Outstanding Science Project
3rd Place	Gregory Gellene II	Frenship High School	Lubbock	This Greenhouse Gas Is No Laughing Matter	
Honorable Mention	Albert Wu	Keystone School	San Antonio	Leachate from Pressure Treated Wood is More Dangerous than Previously Thought	
Honorable Mention	Kristin Spurrell	Stony Point	Round Rock	The Gravimetric Determination of Phosphorus in Plant Food	

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Senior - Computer Science

1st Place	James Reggio	Liberty Christian School	Flower Mound	IP Load Balancing Web Serving Cluster Implementations for Dummies	Intel Excellence in Computer Science Award (+\$200) -and- Lockheed Martin Award for Outstanding Science Project
2nd Place	Greg Duffy	Williams High School	Plano	BrainPower: Artificial Intelligence in the Electric Power Industry	Office of Naval Research Award
3rd Place	Seth Mayland	James Bowie High School	Austin	Programming Super Mario Bros. In C & C++	
Honorable Mention	Geoffrey Evans	Bellaire HS	Houston	Breaking Steganographic Encryption	
Honorable Mention	Ira Nathan Cole	Andrews High School	Andrews	One Stop Shop for Formulas	

Senior - Earth and Space Sciences

1st Place	Addie Nickle	Navasota High School	Navasota	Wonder Worms: Comparing the Effects of Eisenia feitda, Pheretima hawayana, and Dendrobaena veneta on the Prolificacy of	
2nd Place	Khannan Athreya	Keystone	San Antonio	The Effect of Gravity upon Leaf Senescence, Hormone Effectiveness, and Stress Response in Plants	Lockheed Martin Award for Outstanding Science Project
3rd Place	Daniel Betten	Richardson Homeschool Assoc.	Richardson	Are There Certain Jet Stream Patterns That Affect Tornado Formation and Location?	American Meteorological Society Award
Honorable Mention	Mili Desai	Dunbar HSEP	Fort Worth	The Effect of Large Mass Asteroids on the Dynamics of the Kirkwood Gaps: A Computer Simulation	
Honorable Mention	Miranda Ha	Plano Senior High School	Plano	From Visible to Invisible: A Closer Look at the Infrared Spectrum	

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<b>Senior - Engineering</b>					
1st Place	Chandra Little	Bellaire Senior High School	Houston	Seabed Pipelines: Slipping or Sinking?	
2nd Place	Rachelle Rafes	Northwest High School	Ponder	May The Gyroscopic Forces Be With You	
3rd Place	Alfiero Alfieri	James Bowie High School	Austin	0-300 In Under 60 Seconds	Lockheed Martin Award for Outstanding Science Project
Honorable Mention	Brooks Willig	Cornerstone Christian School	San Angelo	Project Green Power	Army Award for Engineering
Honorable Mention	Sheala Crawford	LBJ High School	Johnson City	The Incubator Any One Can Afford	
Other	Blake Gettig	Seguin High School	Seguin	More Power To You : Boosting Engine Efficiency Through The Use Of Coated Engine Parts	Office of Naval Research Award

**Senior - Environmental Sciences**

1st Place	Brooks Kaufman	Keystone School	San Antonio	The Relationship Between Susceptibility to Insecticides and Circadian Rhythms in <i>Drosophila melanogaster</i>	Intel Excellence in Environmental Science Award (+\$200)
2nd Place	Devi Chalasani	Plano West Senior High School	Plano	The Power of Garbage	Lockheed Martin Award for Outstanding Science Project
3rd Place	Douglas Wyatt	Connally HS	Austin	Effect of UV Irradiation on Untreated Water	Stockholm Junior Water Prize
Honorable Mention	Elizabeth Guerrero	Olton High School	Olton	Advancing Agriculture: Finding the Equilibrium Between Environmental Ozone and Atmospheric Carbon Dioxide	
Honorable Mention	Nathan Wright	O'Donnell	Lamesa	Creating Collagen Gelatin Aerosols	
	Dean Tuck	Plano Senior High School	Plano	All Washed Up Part V: The implementation of a hydroponics wetland filtrations system	TX A&M Young Ecologist Award

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<b>Senior - Gerontology</b>					
1st Place	Muthiah Vaduganathan	Bellaire High School	Bellaire	The Physiologic Effect of the Vegetarian Diet	AARP Andrus Foundation Award (+\$100) -and- Lockheed Martin Award for Outstanding Science Project
2nd Place	Randolph Shelton	TX Ortho. & Sports Med Inst.	San Antonio	A Randomied, Controlled Study Evaluating the Effects of Increased Activity Level on the Changes Observed in Normal Human Self-Selected Pace Walking Ga	
3rd Place	Christine Kunesh	Vines High School	Plano	Continuous Creativity	

**Senior - Math**

1st Place	Alice Chai	Jasper High School	Plano	Data Detectives: A Study of CRC Polynomials	Army Awards Math and Computer Sciences Award
2nd Place	Diane Shao	Jasper HS	Plano	Circling Ellipses	Lockheed Martin Award for Outstanding Science Project
3rd Place	Jeremy Warshauer	San Marcos High School	San Marcos	Patterns in Polynomials	
Honorable Mention	Andrew Chiu	Bellaire High School	Houston	What Would You Do?	
Honorable Mention	Andrew Matteson	Randall	Amarillo	Mathematical Patterns of Hyperdimensional Space	

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Senior - Medicine and Health

1st Place	William Yarbrough	Newman Smith High School	Carrollton	Oh, Rats!! It	Lockheed Martin Award for Outstanding Science Project
2nd Place	Josephine Thinwa	Stony Point High School	Round Rock	Pungent Antibiotic	
3rd Place	Risheng Xu	Clements High School	Sugar Land	Characterization of Live Oak Pollen Allergens	
Honorable Mention	Amber Todora	John Jay	San Antonio	Immunohistochemical Visualization of O6-Methylguanine-DNA Methyltransferase Transgene In Spontaneous Hepatocellular Carcinoma	
Honorable Mention	Julian Hong	Ronald Reagan	San Antonio	Restraining Restenosis: The Natural Way-Year 2	

Senior - Microbiology

1st Place	Laura Hartman	China Spring High School	China Spring	The Quest for a "Magic Bullet" - A Five Year Study	Lockheed Martin Award for Outstanding Science Project and Army Award for Life Sciences
2nd Place	Junjay Tan	John B. Connally	Austin	Searching for Transformation Inhibitors of Crown Gall Disease	
3rd Place	Todd Blumberg	Plano Senior High School	Plano	The Antimicrobial Properties of Breast Milk: A Third Year Study	
Honorable Mention	Amanda Hartman	China Spring High School	China Spring	Microwave Madness - Media Hype or Scientific Fact	
Honorable Mention	Jasdeep Mangat	Keystone School	San Antonio	The Presence of Heat and Antibiotic Resistant Bacteria in Food	

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<b>Senior - Physics</b>					
1st Place	Saujan Sivaram	Clear Brook High School	Houston	Study of Single Crystal Carbon Nanotubes	Army Award for Best Overall Project
2nd Place	Jacob Stolarski	Int'l School of the Americas	San Antonio	Reduction of Protection from Laser Eyewear with Ultrashort Exposure	Lockheed Martin Award for Outstanding Science Project
3rd Place	Kathleen Hanson	Clear Brook High School	Webster	Music With Impact	Office of Naval Research Award-and UTA COS, Dept of Physics Best Design, Construction&Analysis Award (500)
Honorable Mention	Chirag Bhatia	Dunbar High School	Fort Worth	Chaos of three particles of unequal mass in a one-dimensional self-gravitating system: A computer simulation	
Honorable Mention	Gissel Acevedo	Porter	Brownsville	Active Galactic Nuclei	

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<b>Senior - Team Projects</b>					
1st Place	Hanh Nguyen	Connally	Austin	Bird Populations as Indicators of Gulf Coast Environmental Quality	
1st Place	Sam Keyburn	Connally	Austin	Bird Populations as Indicators of Gulf Coast Environmental Quality	Army Award for Environmental Sciences
2nd Place	Erin Jennings	Garland High School	Garland	Magnetoplasmdynamics: Creating Ion Propulsion	Lockheed Martin Award for Outstanding Science Project
2nd Place	Matthew Leonard	Garland High School	Rowlett	Magnetoplasmdynamics: Creating Ion Propulsion	Lockheed Martin Award for Outstanding Science Project
2nd Place	Zachary Parvin	Garland High School	Garland	Magnetoplasmdynamics: Creating Ion Propulsion	Lockheed Martin Award for Outstanding Science Project
3rd Place	Daniel Gude	Keystone School	San Antonio	The Relationship Between Hypoxia, Hyperoxia, Lifespan and Heat Shock Protein Formation	
3rd Place	Mark Havel	Keystone School	San Antonio	The Relationship Between Hypoxia, Hyperoxia, Lifespan and Heat Shock Protein Formation	
3rd Place	Zachary Ozer	Keystone School	San Antonio	The Relationship Between Hypoxia, Hyperoxia, Lifespan and Heat Shock Protein Formation	
Honorable Mention	Kimberly Gifford	Bowie	Austin	The Effect of Varying Durations of Rotational Time on Artemia franciscana	
Honorable Mention	Tracy Austria	Bowie	Austin	The Effect of Varying Durations of Rotational Time on Artemia franciscana	
Honorable Mention	Jennifer Atchison	Liberty-Eylau High School	Texarkana	The Truth About Lying	
Honorable Mention	Leonard Green	Liberty-Eylau High School	Wake Village	The Truth About Lying	
Honorable Mention	Traci Waller	Liberty-Eylau High School	Texarkana	The Truth About Lying	

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<b>Senior - Zoology</b>					
1st Place	Mengfei Huang	Bellaire High School	Houston	Mutant Flies and Brain Genes	Lockheed Martin Award for Outstanding Science Project
2nd Place	Therese Catanach	Bishop Lynch	Allen	Variations in Leafhopper Populations	
3rd Place	Michael Navarre	Williams High School	Plano	Operation: Olfaction	Office of Naval Research Award
Honorable Mention	Anton Lukyanenko	Lubbock High	Lubbock	3D Stochastic Model of Ca <sup>2+</sup> Cycling Within a Heart Cell	
Honorable Mention	Kristin Duncan	Texas Military Institute	Fair Oaks Ranch	Is the Use of Various Types of Fungicides in South Central United States Affecting the Life Expectance of the Monarch Butterfly ( <i>Danaus plexippus</i> )?	Conservation International Award in Biodiversity
Other	Meghan Harlow	LBJ High School	Spice Wood	A Touch of a Lifetime	TX Veterinary Medical Assc. Auxiliary Award (+\$100 Scholarship)

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Special Awards: UTA

	Alice Chai	Jasper High School	Plano	Data Detectives: A Study of CRC Polynomials	UTA COS Deans Award; \$10,000 each
	Michael Buhrmester	Plano Senior High School	Plano	We Find the Defendant... Jury Bias in the Courtroom	UTA COS Deans Award; \$10,000 each
	Greg Duffy	Williams High School	Plano	BrainPower: Artificial Intelligence in the Electric Power Industry	Presidents Science & Tech Awards; \$10,000 each
	Hanh Nguyen	John B. Connally	Austin	Bird Populations as Indicators of Gulf Coast Environmental Quality	Presidents Science & Tech Awards; \$10,000 each
	Junjay Tan	John B. Connally	Austin	Searching for Transformation Inhibitors of Crown Gall Disease	Presidents Science & Tech Awards; \$10,000 each
	Muthiah Vaduganathan	Bellaire High School	Bellaire	The Physiologic Effect of the Vegetarian Diet	Presidents Science & Tech Awards; \$10,000 each
	Alfiero Alfieri	James Bowie High School	Austin	0-300 In Under 60 Seconds	Presidents Science & Tech Awards; \$10,000 each

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Special Awards: A&M Commerce

	Ira Nathan Cole	Andrews High School	Andrews	One Stop Shop for Formulas	Texas A & M Commerce; \$10,000 each
	Kimberly Wallace	Andrews High School	Andrews	Estrogen for Invertebrates?	Texas A & M Commerce; \$10,000 each
	Maurise Guillen	Harlingen	La Feria	Determination of Lead in Residential and Surface Waters	Texas A & M Commerce; \$10,000 each
	James Gonzales	Health Careers High School	San Antonio	A Study of Toxicity and Reduced Absorption Effects of Motor Oil on Snow Pea: Elucidating the Mechanism	Texas A & M Commerce; \$10,000 each
	Mathew Tesch	Northwest High School	Trophy Club	Is It a Knot or Not? A Study of Knot Theory	Texas A & M Commerce; \$10,000 each
	Laura Hartman	China Spring High School	China Spring	The Quest for a "Magic Bullet" - A Five Year Study	Texas A & M Commerce; \$10,000 each
	Tashina Cooper	Nocona High School	Nocona	How Clean is too Clean	Texas A & M Commerce; \$10,000 each
	Teresa Catanach	Bishop Lynch	Allen	Variations in Leafhopper Populations	Texas A & M Commerce; \$10,000 each
	Michael Navarre	Williams High School	Plano	Operation: Olfaction	Texas A & M Commerce; \$10,000 each
	Eric Singletary	Lee High School	Midland	Synopsis of Regeneration in the Lower Eumetazoa	Texas A & M Commerce; \$10,000 each