

2009 SPECIAL AWARD WINNERS

<u>DIV</u>	<u>AWARD</u>	<u>CATEGORY</u>	<u>FIRST NAME</u>	<u>LAST NAME</u>	<u>TITLE</u>	<u>SCHOOL</u>
<u>ALUMNI CLUB OF MIT</u>						
9TH	1ST	ENGINEERING	STEPHANIE	MALLARD	REMOVING DUST FROM SOLAR PANELS	ACAD OF SCI & TECHNOLOGY
JR	1ST	ENGINEERING	AUSTIN	KOSIN	A. R. P. A. AUTONOMOUS ROBOTIC PERSONAL ASSISTANT	McCULLOUGH JUNIOR HIGH
SR	1ST	ENGINEERING	NATALIE	MARSHALL	SLIPPERY SHIPS SLICE HULL RESISTANCE BARRIERS	ACAD FOR SCI & HEALTH PROF
<u>AMERICAN CHEMICAL SOCIETY-GREATER HOUSTON SECTION</u>						
9TH	WINNER	CHEMISTRY	NEERJA	AGGARWAL	EXPLORING ELECTROLYSIS	HIGHTOWER HS
9TH	WINNER	CHEMISTRY	KARA	HARRINGTON	CONVERSION OF ETHANOL BY ACID HYDROLYSIS	HARMONY SCI ACAD BEAUMONT
JR	WINNER	CHEMISTRY	NICHOLAS	MCCOY	TESTING THE WATERS: HYDROGEN FROM ELECTROLYSIS	McCULLOUGH JUNIOR HIGH
JR	WINNER	CHEMISTRY	ELLEN	WEINHEIMER	THE CHEMISTRY OF CRAYON CLEANUP	PRESBYTERIAN SCHOOL
SR	WINNER	CHEMISTRY	SUNIL	PAI	AFFORDABLE CYCLIC VOLTAMMETRY FOR HIGH SCHOOLS	KINKAID SCHOOL
SR	WINNER	CHEMISTRY	KERICKA	STAGG	INTRODUCING RUTHENIUM ATOMS TO ALLOPURINOL	BARBARA JORDAN HS FOR CAREERS
<u>AMERICAN INDUSTRIAL HYGIENE ASSOCIATION-GULF COAST SECTION</u>						
SR	1ST	ENVIR SCI	LI	BOYNTON	USING BIOLUMINESCENT BACTERIA TO DETECT WATER CONTAMINANTS	BELLAIRE HS
SR	1ST	ENGINEERING	PALOMA	RODRIGUEZ	GONE WITH THE SUN	GEORGE WASHINGTON CARVER HS
SR	1ST	MEDICINE/HEALTH	JIAWEN (JENNY)	WEI	KLF4 VS. KLF4A: WHICH ONE CAN FIGHT PANCREATIC CANCER?	BELLAIRE SENIOR HS
<u>AMERICAN INSTITUTE OF CHEMICAL ENGINEERS, SOUTH TEXAS SECTION</u>						
9TH	WINNER	ENERGY/TRANS	MARK	BERGMAN	BAMBOO	WALTRIP HS
JR	WINNER	BIOC/MICRO	RITA	SONKA	OSMOSIS THROUGH A SEMI-PERMEABLE MEMBRANE	KNOX JUNIOR HIGH
SR	WINNER	CHEMISTRY	KATHY	LIN	MATHEMATICAL MODELING OF HOMOGENEOUS AZEOTROPES	CLEAR LAKE HS
SR	WINNER	PHYSICS & ASTRO	JOHN	ROBERTS	GAS WALL II	ACAD OF SCI & TECHNOLOGY
<u>AMERICAN METEOROLOGICAL SOCIETY-HOUSTON CHAPTER</u>						
9TH	1ST	EARTH/SPACE SCI	ARIANNA	BARRERA	WHAT TYPE OF ROOF WILL WITHSTAND HURRICANE WINDS BEST?	ACAD FOR SCI & HEALTH PROF
9TH	2ND	EARTH/SPACE SCI	VISHAL	DUVVURU	HOT N' COLD HURRICANES	ACAD OF SCI & TECHNOLOGY
9TH	3RD	ENGINEERING	CHANDIKA	SILVA	WIND ENERGY	FRIENDSWOOD HS
JR	1ST	ENVIR SCI	WYATT	TRAVIS	HURRICANE INTENSITY AND GLOBAL WARMING	SEABROOK INTERMEDIATE
JR	2ND	ENGINEERING	COLTON	MACK	EFFECTIVENESS OF BREAKWALLS AGAINST STORMSURGES	SARTARTIA MS
JR	3RD	EARTH/SPACE SCI	JASMIN	GILDERT	FLOOD WATCH	WESTBROOK INTERMEDIATE
SR	1ST	ENGINEERING	SANDHYA	THIYAGARAJAN	GONE WITH THE WIND	TRAVIS HS
SR	2ND	ENERGY/TRANS	STANCEY	MOORE	ALTERNATIVE ENERGY - WIND	GEORGE WASHINGTON CARVER HS
SR	3RD	ENERGY/TRANS	ABBY	DE ALBA	CHANNELING THE SUN	ACAD OF SCI & TECHNOLOGY
<u>AMERICAN PHYSICAL SOCIETY, TEXAS SECTION</u>						
JR	HM	ENGINEERING	NOELLETES	ABRAHAM	REMOTE CONTROL SOCCER BALL	THE RUBICON ACAD
<u>AMERICAN SOCIETY FOR QUALITY, SECTION 1405</u>						
9TH	1ST	COMPUTER SCI	DOUGLAS	TURK	COOKIE SCIENCE	ACAD OF SCI & TECHNOLOGY
9TH	2ND	ANIMAL SCI (ZOOLOGY)	ALYSSA	BYRD	PEPPERMINT EXTRACTS EFFECT ON PLANARIAN	ACAD FOR SCI & HEALTH PROF
9TH	3RD	ENERGY/TRANS	LAUREN	SCHMIDT	BLADE MODIFICATIONS OF SAVONIUS WIND TURBINES	ACAD OF SCI & TECHNOLOGY
JR	1ST	ANIMAL SCI (ZOOLOGY)	ELEANOR	JOHNSON	EXTRAORDINARY EXISTENCE	McCULLOUGH JUNIOR HIGH
JR	2ND	BIOC/MICRO	POOJA	PRASAD	ARE YOU USING THE RIGHT SWEETENER?	T. H. ROGERS MS EDUC CNTR

2009 SPECIAL AWARD WINNERS

JR	3RD	ENVIR SCI	VENKATASAI	KATTA	PURE IT SAFE DRINKING WATER	T. H. ROGERS MS EDUCATION
SR	1ST	ENGINEERING	KONRAD	WERZNER	F.M. RADIO WAVE POWER	BELLAIRE HS
SR	2ND	PHYSICS & ASTRO	GREG	POE	MUONS: DOWN HERE VERSUS UP THERE	TRAVIS HS
SR	3RD	MEDICINE/HEALTH	KSHITIJ	DESAI	ABLATING THE NATURAL TROPISM OF AAV-2 NANOPARTICLES	DEBAKEY HS FOR HEALTH PROF
<u>AMERICAN SOCIETY OF INDIAN ENGINEERS</u>						
9TH	1ST	ENGINEERING	CHRISTIAN	URBINA	CARBON NANOTUBES	HARMONY SCI ACAD HOUSTON
9TH	2ND	ENGINEERING	JONATHAN	ZAPATA	HURRICANE DAMAGE	CLEAR BROOK HS
9TH	3RD	ENGINEERING	DOUGLAS	REYES	CARBON PAPER	HARMONY SCI ACAD HOUSTON
JR	1ST	ENGINEERING	ALLISON	SCATES	SOLAR WATER HEATER MADE FROM RECYCLED MATERIALS	HARMONY SCHOOL OF EXCELLENCE
JR	2ND	ENGINEERING	TYLER	GREGORY	SOLAR WATER DESALINATION	McCULLOUGH JUNIOR HIGH
JR	3RD	ENGINEERING	MEHMET	CIVELEK	HHO BOOSTER: A MORE EFFICIENT ENGINE	HARMONY SCHOOL OF SCI
SR	1ST	ENGINEERING	KONRAD	WERZNER	F.M. RADIO WAVE POWER	BELLAIRE HS
SR	2ND	ENGINEERING	ANDREW	NASSRALLA	NITINOL TITAN	ACAD FOR SCI & HEALTH PROF
SR	3RD	ENGINEERING	NERIMAN	CAVDAR	THERMAL TRANSPORT PHENOMENA IN NANOFLUIDS	HARMONY SCI ACAD HOUSTON
<u>AMERICAN SOCIETY OF MATERIALS INTERNATIONAL</u>						
9TH	1ST	ENGINEERING	MATTHEW	INMAN	POROUS CONCRETE: IT RAINS, IT PORES	ACAD OF SCI & TECHNOLOGY
9TH	2ND	CHEMISTRY	CLAUDIA	POZOS	HOW EASILY DOES METAL CORRODE?	ACAD FOR SCI & HEALTH PROF
9TH	3RD	CHEMISTRY	BRIDGET	MUELLER	FIBERS AND SOLVENTS	CLEAR CREEK HS
JR	1ST	PHYSICS & ASTRO	TOMMY	LACEY	MAGNETS, TEMPERATURE AND YOU	McCULLOUGH JUNIOR HIGH
JR	2ND	CHEMISTRY	NADIA	ZULFA	WHO BURNED FOIL?	ALBRIGHT MS
JR	3RD	PHYSICS & ASTRO	HAYDEN	HARDEGREE	ABRASION RESISTANCE OF KAYAK MATERIALS	WESTBROOK INTERMEDIATE
SR	1ST	PHYSICS & ASTRO	JOHN	ROBERTS	GAS WALL II	ACAD OF SCI & TECHNOLOGY
SR	2ND	CHEMISTRY	JEANETTE	FERRARA	FINDING THE FRAGILITY OF SWIMSUIT FIBERS PART II	ACAD OF SCI & TECHNOLOGY
SR	3RD	PHYSICS & ASTRO	GINA	CIANCONE	WHICH MATERIAL MOST EFFECTIVELY KEEPS AN ATTIC COOL?	CLEAR LAKE HS
<u>AMERICAN SOCIETY OF MECHANICAL ENGINEERS, SOUTH TEXAS SECTION</u>						
SR	1ST	ENERGY/TRANS	PIN-WEN	WANG	THE LITTLE TURBINE THAT COULD	BELLAIRE SENIOR HS
SR	1ST	PHYSICS & ASTRO	WILLIAM	MROSKO	PROPELLER DIMENSIONS & THE IMPACT ON THRUST & STATIC AIR SPEED	ACAD FOR SCI & HEALTH PROF
SR	1ST	PHYSICS & ASTRO	JOHN	ROBERTS	GAS WALL II	ACAD OF SCI & TECHNOLOGY
<u>AMERICAN SOCIETY OF SAFETY ENGINEERS, GULF COAST CHAPTER</u>						
SR	1ST	PHYSICS & ASTRO	MICHAEL	ROCKEY	SORRY OFFICER I COULDN'T HEAR YOU	FRIENDSWOOD HS
<u>AMERICAN STATISTICAL ASSOCIATION-HOUSTON AREA CHAPTER</u>						
9TH	WINNER	MATHEMATICS	LEON	LIN	SYNC!	HARMONY SCHOOL OF EXCELLENCE
JR	WINNER	MATHEMATICS	KEVIN	KUSCH	THE BETTER PIECE OF PI	McCULLOUGH JUNIOR HIGH
SR	WINNER	MATHEMATICS	KUNAL	ABICHANDANI	POND SCUM TO ENERGY INDEPENDENCE	CLEAR LAKE HS
<u>AMERICAN WATER WORKS ASSOCIATION-TEXAS SECTION & WATER ENVIRONMENT ASSOCIATION OF TEXAS</u>						
9TH	1ST	ENGINEERING	GORDON	KWONG	STORM DRAINS: WHICH DESIGN IS THE MOST EFFICIENT?	CLEAR LAKE HS
9TH	2ND	CHEMISTRY	NEERJA	AGGARWAL	EXPLORING ELECTROLYSIS	HIGHTOWER HS
9TH	3RD	ENVIR SCI	RYAN	DURHAM	WATER, WATER EVERYWHERE . . . BUT IS IT SAFE TO DRINK?	ACAD FOR SCI & HEALTH PROF
JR	1ST	ENGINEERING	MAUTISUM	SAMANA	HYDROELECTRIC POWER	HARMONY SCI ACAD HOUSTON

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JR	2ND	ENVIR SCI	VENKATASAI	KATTA	PURE IT SAFE DRINKING WATER	T. H. ROGERS MS EDUCATION
JR	3RD	CHEMISTRY	NILAY	PATEL	ELECTROLYSIS IN DIFFERENT TYPES OF WATER	PAUL REVERE MS
SR	1ST	ENVIR SCI	RUCHIT	NAGAR	TOXICITY AND REMEDIATION OF ARSENIC IN WATER	KINKAID SCHOOL
SR	2ND	ENVIR SCI	CAMERON	STRONG	GETTING CARRIED AWAY III	ACAD OF SCI & TECHNOLOGY
SR	3RD	ENVIR SCI	ALYKHAN	BANDALI	WATER REMEDIATION WITH A PHOTOCATALYTIC REACTOR II	KINKAID SCHOOL

ENGINEERING, SCIENCE & TECHNOLOGY COUNCIL OF HOUSTON

SR	WINNER	COMPUTER SCI	SAMANTHA	JOSEPH	GENETIC ALGORITHMS IN YOUR WORLD	HARMONY SCI ACAD HOUSTON
SR	WINNER	CHEMISTRY	KATHY	LIN	MATHEMATICAL MODELING OF HOMOGENEOUS AZEOTROPES	CLEAR LAKE HS
SR	WINNER	PHYSICS & ASTRO	GREG	POE	MUONS: DOWN HERE VERSUS UP THERE	TRAVIS HS
SR	WINNER	ENGINEERING	COREY	ROSS	INSPECTRO GADGET: POLARIZING LIGHT TO TEST CARBON NANOTUBES	HARMONY SCI ACAD HOUSTON
SR	WINNER	EARTH/SPACE SCI	DANIEL	ROCKEY	SUBSTRATA SAVINGS	FRIENDSWOOD HS
SR	WINNER	COMPUTER SCI	SRIKRISHNA	RAGHAVAN	PERFORMANCE ANALYSIS OF THE WALSH-HADAMARD TRANSFORM	ACAD OF SCI & TECHNOLOGY
SR	WINNER	ENERGY/TRANS	BRIAN	STUTZMAN	WAVE ENERGY EXTRACTION II	MAGNOLIA WEST HS
SR	WINNER	ENGINEERING	DEEMA	ALTAHER	RELIABILITY OF SEISMIC BASE ISOLATION SYSTEMS II	ST. AGNES ACAD
SR	WINNER	ENERGY/TRANS	JUSTIN	KOCH	EARTH, FIRE, AIR	ACAD OF SCI & TECHNOLOGY
SR	WINNER	EARTH/SPACE SCI	MEAGAN	THIBODAU	A WELL OF A PROBLEM	ACAD OF SCI & TECHNOLOGY

ENTOMOLOGICAL SOCIETY OF AMERICA

SR	1ST	SENIOR	KARTHIK	SETHURAMAN	FIGHT THE BITE! THE PATHOLOGY OF THE FIRE ANT	WILLIAM P. CLEMENTS HS
SR	1ST	SENIOR	MINESH	PATEL	FIGHT THE BITE! THE PATHOLOGY OF THE FIRE ANT	WILLIAM P. CLEMENTS HS

GEOPHYSICAL SOCIETY OF HOUSTON

9TH	1ST	EARTH/SPACE SCI	ROWANNE	CONWAY	OPTIMIZING RADON DE-MULTIPLE EFFICIENCY	ACAD OF SCI & TECHNOLOGY
JR	1ST	EARTH/SPACE SCI	WILLIAM	LARSEN	RADIO ROCK: A STUDY OF STONES	T. H. ROGERS MS EDUC CNTR
SR	1ST	ENERGY/TRANS	JUSTIN	KOCH	EARTH, FIRE, AIR	ACAD OF SCI & TECHNOLOGY

GREATER HOUSTON DENTAL SOCIETY

9TH	1ST	BIOC/MICRO	JESSICA	WEEMS	ANTIOXIDANTS VS. BACTERIA	ACAD FOR SCI & HEALTH PROF
9TH	2ND	BIOC/MICRO	POOJA	SALHOTRA	IS YOUR MOUTHWASH EFFECTIVE?	ST. JOHN'S SCHOOL
9TH	3RD	MEDICINE/HEALTH	ALEXIS	BARRERA GARCIA	SUGAR RUSH	JOHN REAGAN HS
JR	1ST	BIOC/MICRO	POOJA	PRASAD	ARE YOU USING THE RIGHT SWEETENER?	T. H. ROGERS MS EDUC CNTR
JR	1ST	BEH/BIOC/MEDHEAL	MAYA	WELCH	WHICH WHITENER WORKS	BILLY BAINES MS
JR	1ST	BEH/BIOC/MEDHEAL	REBECCA	SMITH	WHICH WHITENER WORKS	BILLY BAINES MS
JR	2ND	BEH/BIOC/MEDHEAL	MARIAH	COOPER	WHICH SODA EFFECTS YOUR TEETH THE MOST	LAKE OLYMPIA MS
JR	2ND	BEH/BIOC/MEDHEAL	REBECCA	JOHNSON	WHICH SODA EFFECTS YOUR TEETH THE MOST	LAKE OLYMPIA MS
SR	1ST	MEDICINE/HEALTH	DANICA	LAPID	ANTIBIOTICS, ALTERNATIVELY	ACAD OF SCI & TECHNOLOGY

GREATER HOUSTON PEST CONTROL ASSOCIATION

9TH	1ST	LIFE SCI	JUAN	JARAMILLO	MICE RUNNING OUT OF HOME	C. W. NIMITZ 9TH GRADE CENTER
9TH	1ST	LIFE SCI	GUSTAVO	MORALES LARA	MICE RUNNING OUT OF HOME	C. W. NIMITZ 9TH GRADE CENTER
9TH	1ST	LIFE SCI	KAREN	HERNANDEZ	MICE RUNNING OUT OF HOME	C. W. NIMITZ 9TH GRADE CENTER
JR	1ST	ANIMAL SCI (ZOOLOGY)	ANDREW	GOMEZ	SQUIRMIN' WORMS	MCCULLOUGH JUNIOR HIGH
SR	1ST	ANIMAL SCI (ZOOLOGY)	NASIR	ADAYA	DRUNKEN DROSOPHILA	TRAVIS HS

2009 SPECIAL AWARD WINNERS

GULF COAST ENVIRONMENTAL AFFAIRS GROUP

9TH	1ST	ENERGY/TRANS	MARK	BERGMAN	BAMBOO	WALTRIP HS
9TH	2ND	ENVIR SCI	ARTI	ALAGAPPAN	SPILLSORPTION!	CLEAR LAKE HS
9TH	3RD	ENVIR SCI	MICHELLE	HARRIS	BOATS AND BARNACLES	CLEAR CREEK HS
JR	1ST	ENERGY/TRANS	MARION	HAMMETT	JATROPHA: FLOWER POWER	McCULLOUGH JUNIOR HIGH
JR	1ST	BEH/BIOC/MEDHEAL	KELLY	SHEEHY	DANGEROUSLY DIRTY DAPHNIA	McCULLOUGH JUNIOR HIGH
JR	1ST	BEH/BIOC/MEDHEAL	MADIE	PLUM	DANGEROUSLY DIRTY DAPHNIA	McCULLOUGH JUNIOR HIGH
JR	2ND	ENVIR SCI	JAMIE	MCCULLOUGH	GOING GREEN WITH PLASTIC	FRIENDSWOOD JUNIOR HS
JR	2ND	BOT/ENVSCI/ZOO	MADDY	OLINGER	CATASTROPHIC COAST	McCULLOUGH JUNIOR HIGH
JR	2ND	BOT/ENVSCI/ZOO	KALEIGH	OLMSTED	CATASTROPHIC COAST	McCULLOUGH JUNIOR HIGH
JR	3RD	ENVIR SCI	JACOB	NEFF	CLEANING OIL SPILLS AT SEA	CLIFTON MS
JR	3RD	PHYSICAL SCI	KRISTEN	HAGAN	BARRIER BREAKDOWN	McCULLOUGH JUNIOR HIGH
JR	3RD	PHYSICAL SCI	LAURYN	ALTENA	BARRIER BREAKDOWN	McCULLOUGH JUNIOR HIGH
SR	1ST	ENERGY/TRANS	TRAVIS	MCGRATH	THE FRIED RIDE	TRAVIS HS
SR	2ND	ENVIR SCI	ALYKHAN	BANDALI	WATER REMEDIATION WITH A PHOTOCATALYTIC REACTOR II	KINKAID SCHOOL
SR	3RD	ENERGY/TRANS	DAVID	LEBSACK	THE WAR ON GAS MILEAGE II	ACAD OF SCI & TECHNOLOGY

GULF COAST SAFETY AND TRAINING GROUP

9TH	WINNER	BEHAVIORAL/SOCIAL SCI	ERIN	THORNTON	HOW COMMON DISTRACTIONS AFFECT REACTION TIME	ACAD OF SCI & TECHNOLOGY
JR	WINNER	BEH/BIOC/MEDHEAL	ALEC	BURNS	HAND SANITIZERS: ARE YOU PROTECTED?	ST. ANTHONY OF PADUA CATH SCHOOL
JR	WINNER	BEH/BIOC/MEDHEAL	BENJAMIN	BROUSSARD	HAND SANITIZERS: ARE YOU PROTECTED?	ST. ANTHONY OF PADUA CATH SCHOOL
JR	WINNER	BEH/BIOC/MEDHEAL	AUSTIN	FREDRICKSON	WAKE UP AND SAVE YOUR FAMILY	MAGNOLIA JUNIOR HS
JR	WINNER	BEH/BIOC/MEDHEAL	MATT	BAKER	WAKE UP AND SAVE YOUR FAMILY	MAGNOLIA JUNIOR HS

HARRIS COUNTY MEDICAL SOCIETY

9TH	1ST	MEDICINE/HEALTH	ANJALI	KUMAR	MEDICAL NONCOMPLIANCE	CLEAR LAKE HS
9TH	WINNER	MEDICINE/HEALTH	MIN	BI	AFFECTS OF ESTROGEN ON GAP JUNCTION	CLEAR LAKE HS
9TH	WINNER	MEDICINE/HEALTH	JAKE	KORNBLAU	HERBAL CHEMOTHERAPY	CLEAR CREEK HS
9TH	WINNER	MEDICINE/HEALTH	NEHA	REDDY	CAMPTOTHECIN ANALOG EFFECTS ON TUMOR CELL LINES	BELLAIRE SENIOR HS
JR	1ST	MEDICINE/HEALTH	MIKE	PECHANEC	MORE BANG FOR YOUR NUT	McCULLOUGH JUNIOR HIGH
JR	WINNER	MEDICINE/HEALTH	JAKE	JARES	SPF: SCIENCE OR MARKETING?	TRAFTON ACAD
JR	WINNER	MEDICINE/HEALTH	CINDY	ONYEKWELU	PRESERVATIVES	HARMONY SCHOOL OF SCI
JR	WINNER	MEDICINE/HEALTH	NICHOLAS	PIGNATELLI	BUTTER VITAMIN E RANCIDITY	TRAFTON ACAD
SR	1ST ()	MEDICINE/HEALTH	LILLIAN	WANG	DOES THE PERCENTAGE OF PEG IN LIPOSOMES EFFECT LEAKAGE?	HARMONY SCI ACAD HOUSTON
SR	1ST ()	MEDICINE/HEALTH	MANPREET	KAUR	PROTECTING YOURSELF FROM UVA: HERBS-VS-CHEMICALS PART 2	CLEAR BROOK HS
SR	WINNER	MEDICINE/HEALTH	KSHITIJ	DESAI	ABLATING THE NATURAL TROPISM OF AAV-2 NANOPARTICLES	DEBAKEY HS FOR HEALTH PROF
SR	WINNER	MEDICINE/HEALTH	SAAM	MOTAMEDI	MOLECULAR SURGERY OF ALZHEIMER'S USING NANOTECHNOLOGY	CLEAR LAKE HS

HEALTH PHYSICS SOCIETY

9TH	1ST	ENGR/PHYSICALSCI	SEAN	KIM	NUCLEAR SHIELDING	HARMONY SCHOOL OF EXCELLENCE
9TH	1ST	ENGR/PHYSICALSCI	LEELAND	SWANSON	NUCLEAR SHIELDING	HARMONY SCHOOL OF EXCELLENCE
JR	1ST	EARTH/SPACE SCI	WILLIAM	LARSEN	RADIO ROCK: A STUDY OF STONES	T. H. ROGERS MS EDUC CNTR

2009 SPECIAL AWARD WINNERS

SR	1ST	SENIOR	CYNTHIA	TRUONG	RADIANT RADISHES	CLEAR LAKE HS
SR	1ST	SENIOR	SHASHIKA	RODRIGO	RADIANT RADISHES	CLEAR LAKE HS
<u>HOUSTON AREA DIETETIC ASSOCIATION</u>						
9TH	1ST	MEDICINE/HEALTH	KATIE	MITCHELL	ACIDIC & ALKALINE STRENGTH OF LACTIC ACID BUFFERS	ACAD OF SCI & TECHNOLOGY
9TH	2ND	MEDICINE/HEALTH	JAKE	KORNBLAU	HERBAL CHEMOTHERAPY	CLEAR CREEK HS
JR	1ST	BIOC/MICRO	DIVYA	KOMPELLA	GREEN SUSTAINABLE LIVING WITH HOME-MADE YOGURT	ST. ANTHONY OF PADUA CATH SCHOOL
JR	2ND	MEDICINE/HEALTH	MIKE	PECHANEC	MORE BANG FOR YOUR NUT	McCULLOUGH JUNIOR HIGH
SR	1ST	BIOC/MICRO	LAUREL	BINGMAN	TROUBLE WITH TRYPSIN II: COOKING SAFER SOY	ACAD OF SCI & TECHNOLOGY
SR	2ND	MEDICINE/HEALTH	JEROME	JEEVARAJAN	TURMERIC: THE CANCER KILLER?	CLEAR LAKE HS
<u>HOUSTON ASTRONOMICAL SOCIETY</u>						
9TH	1ST	EARTH/SPACE SCI	ARIANA	KAVANDI	CELESTIAL SEEDS	CLEAR LAKE HS
JR	1ST	PHYSICS & ASTRO	ROBERTO	DAILEY	FIRE!	McCULLOUGH JUNIOR HIGH
SR	1ST	COMPUTER SCI	FENI	VARUGHESE	GRAVITATIONAL SIMULATION	ALIEF HASTINGS HS
<u>HOUSTON GEOLOGICAL SOCIETY</u>						
9TH	1ST	EARTH/SPACE SCI	ROWANNE	CONWAY	OPTIMIZING RADON DE-MULTIPLE EFFICIENCY	ACAD OF SCI & TECHNOLOGY
JR	1ST	ENVIR SCI	EUGENIA	VASILYEVA	MEDIA APPLICATIONS FOR WATER SITUATIONS	WESTBROOK INTERMEDIATE
SR	1ST	ENVIR SCI	RUCHIT	NAGAR	TOXICITY AND REMEDIATION OF ARSENIC IN WATER	KINKAID SCHOOL
<u>HOUSTON INTELLECTUAL PROPERTY LAW ASSOCIATION</u>						
9TH	WINNER	MATHEMATICS	LEON	LIN	SYNC!	HARMONY SCHOOL OF EXCELLENCE
SR	WINNER	ENGINEERING	KONRAD	WERZNER	F.M. RADIO WAVE POWER	BELLAIRE HS
<u>INTEL CORPORATION</u>						
SR	WINNER	COMPUTER SCI	BEN	BRAUN	ROOTS III: ENCRYPTION WITH ROOTS	FRIENDSWOOD HS
<u>I-SWEEP INTERNATIONAL SCIENCE FAIR</u>						
JR	WINNER	ENGINEERING	KATHERINE	ROSELIUS	COOL ROOFING - HOT!	HARMONY SCHOOL OF EXCELLENCE
JR	WINNER	CHEMISTRY	CHRISTIE	YOCHIM	SHRINKING FABRICS	McCULLOUGH JUNIOR HIGH
JR	WINNER	ENERGY/TRANS	SILVIA	CAAMANO	THE ALTERNATE ENERGY: ETHANOL	HARMONY SCI ACAD HOUSTON
JR	WINNER	ENERGY/TRANS	LOGAN	DOBBE	FUEL FOR THOUGHT - ONE MAN'S TRASH IS ANOTHER MAN'S TREASURE	SEABROOK INTERMEDIATE
SR	WINNER	ENVIR SCI	LI	BOYNTON	USING BIOLUMINESCENT BACTERIA TO DETECT WATER CONTAMINANTS	BELLAIRE HS
SR	WINNER	SENIOR	JIAYI	KONG	ENERGY'S ORCHARD	ACAD OF SCI & TECHNOLOGY
SR	WINNER	SENIOR	BRYNN	UMBACH	ENERGY'S ORCHARD	ACAD OF SCI & TECHNOLOGY
SR	WINNER	PHYSICS & ASTRO	LYRIC	GILLETT	A NOVEL METHOD FOR MEASURING SONOLUMINESCENT SPECTRA	CORNERSTONE HIGH HOMESCHOOL
SR	WINNER	PHYSICS & ASTRO	JOHN	ROBERTS	GAS WALL II	ACAD OF SCI & TECHNOLOGY
SR	WINNER	ENGINEERING	NERIMAN	CAVDAR	THERMAL TRANSPORT PHENOMENA IN NANOFUIDS	HARMONY SCI ACAD HOUSTON
SR	WINNER	ENERGY/TRANS	JUSTIN	KOCH	EARTH, FIRE, AIR	ACAD OF SCI & TECHNOLOGY
SR	WINNER	ENERGY/TRANS	DAVID	LEBSACK	THE WAR ON GAS MILEAGE II	ACAD OF SCI & TECHNOLOGY
SR	WINNER	ENERGY/TRANS	BRIAN	STUTZMAN	WAVE ENERGY EXTRACTION II	MAGNOLIA WEST HS
<u>JACOBS</u>						
9TH	WINNER	MATHEMATICS	JASON	STUTZMAN	MATHEMATICAL MODELING OF HUMAN SARS CORONAVIRUS	MAGNOLIA WEST HS
9TH	WINNER	CHEMISTRY	NEERJA	AGGARWAL	EXPLORING ELECTROLYSIS	HIGHTOWER HS

2009 SPECIAL AWARD WINNERS

9TH	WINNER	ENVIR SCI	KYLE	CALKIN	BIOREMEDIATION AND LIVING ORGANISMS	ACAD FOR SCI & HEALTH PROF
9TH	WINNER	ENVIR SCI	MICHELLE	DUNN	DESTRUCTING DIESEL, SAVING SEA LIFE	ACAD OF SCI & TECHNOLOGY
9TH	WINNER	ENGR/PHYSICALSCI	OLIVER	QUINTERO	FROM THE POND TO THE POWER PLANT	JOHN COOPER SCHOOL
9TH	WINNER	ENGR/PHYSICALSCI	HENRY	DEWING	FROM THE POND TO THE POWER PLANT	JOHN COOPER SCHOOL
JR	WINNER	ENGINEERING	TEJOS	SATISH	ESTIMATION OF FREQUENCY OF DIFFERENT STRUCTURES	FIRST COLONY MS
JR	WINNER	PHYSICS & ASTRO	TYLER	BRADLEY	HOOLED ON BARRIERS	SEABROOK INTERMEDIATE
JR	WINNER	ENERGY/TRANS	KISHORE	BALASUBRAMANIAN	IMPACT OF WATER TEMPERATURE AND INPUT ON ELECTROLYSIS	HARMONY SCI ACAD HOU. NW
JR	WINNER	MEDICINE/HEALTH	NICK	MOTAMEDI	CAREFUL IT'S TOO BRIGHT! AGING AFFECT THE RETINA?	WESTBROOK INTERMEDIATE
JR	WINNER	BEH/BIOC/MEDHEAL	ALLISON	VAN CLEVE	SCENTS WHEN DO YOU CONCENTRATE?	MCCULLOUGH JUNIOR HIGH
JR	WINNER	BEH/BIOC/MEDHEAL	CAITLIN	CURRAN	SCENTS WHEN DO YOU CONCENTRATE?	MCCULLOUGH JUNIOR HIGH
SR	WINNER	ENGINEERING	RICHARD	TRAN	CARBON NANO FILTRATION	HARMONY SCI ACAD HOUSTON
SR	WINNER	PHYSICS & ASTRO	LYRIC	GILLETT	A NOVEL METHOD FOR MEASURING SONOLUMINESCENT SPECTRA	CORNERSTONE HIGH HOMESCHOOL
SR	WINNER	ENVIR SCI	LI	BOYNTON	USING BIOLUMINESCENT BACTERIA TO DETECT WATER CONTAMINANTS	BELLAIRE HS
SR	WINNER	SENIOR	QUINN	MANLEY	GIVING 110%	TRAVIS HS
SR	WINNER	SENIOR	NICK	DARROH	GIVING 110%	TRAVIS HS
SR	WINNER	BIOC/MICRO	JOHN	JEEVARAJAN	TRADITIONAL MEDICINE VS. MODERN MEDICINE	CLEAR LAKE HS

KBR

JR	WINNER	ENGINEERING	SEAN	UDDIN	WHICH CAR WILL PRODUCE THE MOST DRAG	HARMONY SCI ACAD HOU. NW
JR	WINNER	ENGINEERING	CHRISTOPHER	WESTON	GEOMETRIC SMASH	QUAIL VALLEY MS
JR	WINNER	ENVIR SCI	GEETANJALI	VASHIST	HOW TO MAKE PAPER FROM RECYCLED PAPER	HARMONY SCI ACAD HOUSTON N W
JR	WINNER	ENVIR SCI	EUGENIA	VASILYEVA	MEDIA APPLICATIONS FOR WATER SITUATIONS	WESTBROOK INTERMEDIATE

KRISHEN FOUNDATION FOR ARTS & SCIENCES

JR	WINNER	PLANT SCIENCE	ALLISON	MARTIN	A STUDY OF ALGAE GROWTH	MCCULLOUGH JUNIOR HIGH
JR	WINNER	PHYSICS & ASTRONOMY	KYLE	SIKORA	TOO MUCH TIME FOR HOLOGRAMS	KNOX JUNIOR HIGH
JR	WINNER	CHEMISTRY	NICHOLAS	MCCOY	TESTING THE WATERS: HYDROGEN FROM ELECTROLYSIS	MCCULLOUGH JUNIOR HIGH
9 TH	WINNER	MATHEMATICS	JASON	STUTZMAN	MATHEMATICAL MODELING OF HUMAN SARS CORONAVIRUS	MAGNOLIA WEST HIGH SCHOOL
9 TH	WINNER	PHYSICS & ASTRONOMY	MICHAEL	MCGRAW	WHEEL WIDTHS VERSUS SPEED	CLEAR LAKE HIGH SCHOOL
9 TH	WINNER	CHEMISTRY	NEERJA	AGGARWAL	EXPLORING ELECTROLYSIS	HIGHTOWER HIGH SCHOOL
SR	WINNER	MEDICINE/HEALTH	JIAWEN (JENNY)	WEI	KLF4 VS KLF4A: WHICH ONE CAN FIGHT PANCREATIC CANCER?	BELLAIRE SENIOR HIGH SCHOOL
SR	WINNER	PHYSICS & ASTRONOMY	LYRIC	GILLETT	A NOVEL METHOD FOR MEASURING SONOLUMINESCENT SPECTRA	CORNERSTONE HIGH HOMESCHOOL
SR	WINNER	CHEMISTRY	SUNIL	PAI	AFFORDABLE CYCLIC VOLTAMMETRY FOR HIGH SCHOOLS	KINKAID SCHOOL
SR	WINNER	MATHEMATICS	STEPHANIE	TZOUANAS	SOLAR ENERGY: HAVE YOU SEEN THE LIGHT?	CLEAR LAKE HIGH SCHOOL

MARINE TECHNOLOGY SOCIETY

9TH	1ST	ENVIR SCI	MICHELLE	HARRIS	BOATS AND BARNACLES	CLEAR CREEK HS
9TH	2ND	ENVIR SCI	MICHELLE	DUNN	DESTRUCTING DIESEL, SAVING SEA LIFE	ACAD OF SCI & TECHNOLOGY
JR	1ST	ENERGY/TRANS	MITCHELL	GRAHAM	EFFECT OF SURFACE PROPERTIES ON BOAT EFFICIENCY	WESTBROOK INTERMEDIATE
JR	2ND	ENGINEERING	MEGHAN	MISTRY	SWIFT AS SHARKS	SEABROOK INTERMEDIATE
SR	1ST	ENGINEERING	NATALIE	MARSHALL	SLIPPERY SHIPS SLICE HULL RESISTANCE BARRIERS	ACAD FOR SCI & HEALTH PROF
SR	2ND	ENERGY/TRANS	BRIAN	STUTZMAN	WAVE ENERGY EXTRACTION II	MAGNOLIA WEST HS

2009 SPECIAL AWARD WINNERS

MOTHERS FOR CLEAN AIR

9TH	WINNER	BIOC/MICRO	MATTHEW	SCHREIBER	KILLING BACTERIA WITH NATURAL CLEANING AGENTS	ACAD OF SCI & TECHNOLOGY
9TH	WINNER	ENGR/PHYSICALSCI	OLIVER	QUINTERO	FROM THE POND TO THE POWER PLANT	JOHN COOPER SCHOOL
9TH	WINNER	ENGR/PHYSICALSCI	HENRY	DEWING	FROM THE POND TO THE POWER PLANT	JOHN COOPER SCHOOL
JR	WINNER	ENERGY/TRANS	LOGAN	DOBBE	FUEL FOR THOUGHT - ONE MAN'S TRASH IS ANOTHER MAN'S TREASURE	SEABROOK INTERMEDIATE
JR	WINNER	PHYSICAL SCI	WILLIAM	ROBINSON	THE MOST RELIABLE SOURCE OF ENERGY	SOUTHMORE INTERMEDIATE
JR	WINNER	PHYSICAL SCI	NOE	GALVAN	THE MOST RELIABLE SOURCE OF ENERGY	SOUTHMORE INTERMEDIATE
SR	WINNER	ENVIR SCI	ALYSSA	VOGEL	WIND CAN YOU BREATHE EASIER	CLEAR LAKE HS
SR	WINNER	SENIOR	JASMINE	SANDHU	LETS KICK SOME MAJOR ELECTRICITY BUTT!	HARMONY SCHOOL OF EXCELLENCE
SR	WINNER	SENIOR	MARNEET	KAUR	LETS KICK SOME MAJOR ELECTRICITY BUTT!	HARMONY SCHOOL OF EXCELLENCE

RICE UNIVERSITY ENGINEERING ALUMNI

SR	1ST	ENERGY/TRANS	BRIAN	STUTZMAN	WAVE ENERGY EXTRACTION II	MAGNOLIA WEST HS
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RICE UNIVERSITY GEORGE R. BROWN SCHOOL OF ENGINEERING

SR	1ST	ENERGY/TRANS	CAMERON	THOMAS	BIOFUEL	HARMONY SCI ACAD HOUSTON
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SCHLUMBERGER SUGARLAND TECHNOLOGY CENTER

9TH	WINNER	PHYSICS & ASTRO	ALLISON	BURNETT	ATTRACTION ACTION	MAGNOLIA WEST HS
JR	WINNER	PHYSICS & ASTRO	BRIANNA	MCCRAY	THE HEAT IS ON	DREW ACAD
SR	WINNER	PHYSICS & ASTRO	WILLIAM	MROSKO	PROPELLER DIMENSIONS& THE IMPACT ON THRUST & STATIC AIR SPEED	ACAD FOR SCI & HEALTH PROF

SOCIETY OF AMERICAN MILITARY ENGINEERS

9TH	1ST	ENGINEERING	GORDON	KWONG	STORM DRAINS: WHICH DESIGN IS THE MOST EFFICIENT?	CLEAR LAKE HS
JR	1ST	ENGINEERING	COLTON	MACK	EFFECTIVENESS OF BREAKWALLS AGAINST STORMSURGES	SARTARTIA MS
SR	1ST	ENGINEERING	DONOVAN	HAACKE	WINDMILL PROPELLER PITCH	CLEAR LAKE HS

SOCIETY OF PETROLEUM ENGINEERS-GULF COAST SECTION

JR	3RD	CHEMISTRY	ERIC	FRIS	CORRODED METALS DECODED	McCULLOUGH JUNIOR HIGH
SR	1ST	ENERGY/TRANS	JUSTIN	KOCH	EARTH, FIRE, AIR	ACAD OF SCI & TECHNOLOGY
SR	2ND	ENERGY/TRANS	NIKHIL	KAPUR	AN ANALYSIS AND APPLICATION OF STIRLING ENGINES	HIGHTOWER HS

SOCIETY OF PLASTICS ENGINEERS-SOUTH TEXAS SECTION

JR	1ST	PHYSICS & ASTRO	HAYDEN	HARDEGREE	ABRASION RESISTANCE OF KAYAK MATERIALS	WESTBROOK INTERMEDIATE
JR	2ND	ENVIR SCI	JACOB	NEFF	CLEANING OIL SPILLS AT SEA	CLIFTON MS
SR	1ST	ENVIR SCI	CAMERON	STRONG	GETTING CARRIED AWAY III	ACAD OF SCI & TECHNOLOGY
SR	2ND	ENGINEERING	BHAVESH	JOKHAKER	BUILDING WITH PLASTIC	HARMONY SCI ACAD HOUSTON
SR	3RD	CHEMISTRY	JEANETTE	FERRARA	FINDING THE FRAGILITY OF SWIMSUIT FIBERS PART II	ACAD OF SCI & TECHNOLOGY

SOCIETY OF WOMEN ENGINEERS - HOUSTON AREA SECTION

9TH	1ST	CHEMISTRY	KARA	HARRINGTON	CONVERSION OF ETHANOL BY ACID HYDROLYSIS	HARMONY SCI ACAD BEAUMONT
9TH	2ND	CHEMISTRY	NEERJA	AGGARWAL	EXPLORING ELECTROLYSIS	HIGHTOWER HS
9TH	3RD	ENERGY/TRANS	LAUREN	SCHMIDT	BLADE MODIFICATIONS OF SAVONIUS WIND TURBINES	ACAD OF SCI & TECHNOLOGY
9TH	HM	ENGINEERING	OLIVIA	MEYER	DEEP KNEE BENDS: MEASURING KNEE STRESS	ACAD FOR SCI & HEALTH PROF
9TH	HM	PHYSICS & ASTRO	HANNAH	ROSS	BATTLING THE SUN - WHAT IS YOUR BEST ARMOR?	ACAD FOR SCI & HEALTH PROF
JR	1ST	ENGINEERING	MEGHAN	MISTRY	SWIFT AS SHARKS	SEABROOK INTERMEDIATE

2009 SPECIAL AWARD WINNERS

JR	2ND	ENGINEERING	FRANCESCA	ROSSI	THE RELATIONSHIP BETWEEN RADIALS & RADIO RECEPTION	McCULLOUGH JUNIOR HIGH
JR	3RD	CHEMISTRY	NANCY	VIERA	SNAILHESIVE THE NEW GLUE	V. W. MILLER INTERMEDIATE
JR	HM	CHEMISTRY	BRIONY	PARKER	FABULOUS FELTING FOR FELTING FANATICS!	McCULLOUGH JUNIOR HIGH
JR	HM	PHYSICS & ASTRO	SHREYA	MANDAL	SAFEST DISTANCE BETWEEN HAIR AND HAIRDRYER	QUAIL VALLEY MS
SR	1ST	ENGINEERING	LAURA	BRADT	THE EFFECT OF TEMPERATURE ON BIODIESEL PRODUCTION	CLEAR BROOK HS
SR	2ND	CHEMISTRY	KATHY	LIN	MATHEMATICAL MODELING OF HOMOGENEOUS AZEOTROPES	CLEAR LAKE HS
SR	3RD	ENGINEERING	NERIMAN	CAVDAR	THERMAL TRANSPORT PHENOMENA IN NANOFUIDS	HARMONY SCI ACAD HOUSTON
SR	HM	MATHEMATICS	STEPHANIE	TZOUANAS	SOLAR ENERGY: HAVE YOU SEEN THE LIGHT?	CLEAR LAKE HS
<u>SWARALAYAM ARTS FORUM</u>						
JR	WINNER	BEHAVIORAL/SOCIAL SCI	FRANEISCA	SIMS	RAT OPERANT CONDITIONING TO PLAY PIANO NOTES	CLEAR LAKE INTERMEDIATE
SR	WINNER	PHYSICS & ASTRO	DAVID	COLDIRON	HOW TO MAKE A PIANO SING	ALIEF TAYLOR HS
<u>TEXAS A&M UNIVERSITY-GALVESTON</u>						
SR	1ST	EARTH/SPACE SCI	MEAGAN	THIBODAU	A WELL OF A PROBLEM	ACAD OF SCI & TECHNOLOGY
SR	WINNER	CHEMISTRY	KERICKA	STAGG	INTRODUCING RUTHENIUM ATOMS TO ALLOPURINOL	BARBARA JORDAN HS FOR CAREERS
<u>TEXAS CENTER FOR SUPERCONDUCTIVITY AND ADVANCED MATERIALS AND THE CENTER FOR MATERIALS CHEMISTRY</u>						
SR	1ST	ENERGY/TRANS	OLGA	VASILEVA	THE EFFECTS OF ENVIR. CONDITIONS ON THE PER. OF PV CELLS	ACAD OF SCI & TECHNOLOGY
SR	2ND	ENERGY/TRANS	PIN-WEN	WANG	THE LITTLE TURBINE THAT COULD	BELLAIRE SENIOR HS
SR	3RD	ENGINEERING	LAURA	BRADT	THE EFFECT OF TEMPERATURE ON BIODIESEL PRODUCTION	CLEAR BROOK HS
<u>TEXAS SOCIETY OF PROFESSIONAL ENGINEERS-GREATER HOUSTON CHAPTER</u>						
9TH	1ST	ENGINEERING	GORDON	KWONG	STORM DRAINS: WHICH DESIGN IS THE MOST EFFICIENT?	CLEAR LAKE HS
9TH	2ND	ENGINEERING	STEPHANIE	MALLARD	REMOVING DUST FROM SOLAR PANELS	ACAD OF SCI & TECHNOLOGY
9TH	3RD	ENGINEERING	CHANDIKA	SILVA	WIND ENERGY	FRIENDSWOOD HS
JR	1ST	ENGINEERING	CHRISTOPHER	WESTON	GEOMETRIC SMASH	QUAIL VALLEY MS
JR	2ND	ENGINEERING	TEJOS	SATISH	ESTIMATION OF FREQUENCY OF DIFFERENT STRUCTURES	FIRST COLONY MS
JR	3RD	ENGINEERING	ALLISON	SCATES	SOLAR WATER HEATER MADE FROM RECYCLED MATERIALS	HARMONY SCHOOL OF EXCELLENCE
SR	1ST	ENGINEERING	COREY	ROSS	INSPECTRO GADGET: POLARIZING LIGHT TO TEST CARBON NANOTUBES	HARMONY SCI ACAD HOUSTON
SR	2ND	ENGINEERING	SANDHYA	THIYAGARAJAN	GONE WITH THE WIND	TRAVIS HS
SR	3RD	ENGINEERING	DEEMA	ALTAHER	RELIABILITY OF SEISMIC BASE ISOLATION SYSTEMS II	ST. AGNES ACAD
<u>TEXAS TECH UNIVERSITY - DEPARTMENT OF PLANT AND SOIL SCIENCES</u>						
SR	1ST	PLANT SCI (BOTANY)	VANESSA	RIVERA	GREEN MACHINES	FRIENDSWOOD HS
SR	1ST	ENVIR SCI	ALYKHAN	BANDALI	WATER REMEDIATION WITH A PHOTOCATALYTIC REACTOR II	KINKAID SCHOOL
SR	2ND	PLANT SCI (BOTANY)	TASNIM	MOHAMED	COPPER BEANS	EISENHOWER HS
SR	2ND	ENVIR SCI	LI	BOYNTON	USING BIOLUMINESCENT BACTERIA TO DETECT WATER CONTAMINANTS	BELLAIRE HS
<u>THE SOCIETY OF HISPANIC PROFESSIONAL ENGINEERS</u>						
JR	1ST ()	ENGINEERING	AUSTIN	KOSIN	A. R. P. A. AUTONOMOUS ROBOTIC PERSONAL ASSISTANT	McCULLOUGH JUNIOR HIGH
JR	1ST ()	ENGINEERING	KENDALL	DANIELS	SAYONARA GRAVITY	ST. ANTHONY OF PADUA CATH SCHOOL
<u>U.S. NAVAL SCIENCE AWARDS PROGRAM - OFFICE OF THE CHIEF OF NAVAL RESEARCH</u>						
JR	WINNER	PHYSICS & ASTRO	HANNAH	GOETHE	REGATTA RACERS	SEABROOK INTERMEDIATE
JR	WINNER	PHYSICS & ASTRO	AARON	GRAEVE	THE SPEED OF LIGHT IN GELATIN II	ST. ANTHONY OF PADUA CATH SCHOOL

2009 SPECIAL AWARD WINNERS

JR	WINNER	ENGINEERING	MEGHAN	MISTRY	SWIFT AS SHARKS	SEABROOK INTERMEDIATE
JR	WINNER	ENERGY/TRANS	LOGAN	DOBBE	FUEL FOR THOUGHT - ONE MAN'S TRASH IS ANOTHER MAN'S TREASURE	SEABROOK INTERMEDIATE
JR	WINNER	ENERGY/TRANS	PRADHITH	KONDURI	A BRIGHT FUTURE	HARMONY SCHOOL OF EXCELLENCE
JR	WINNER	COMPUTER SCI	RISHI	SURESH	MEDICAL IMAGE COMPRESSION USING LOSS LESS ALGORITHM	WESTBROOK INTERMEDIATE
JR	WINNER	CHEMISTRY	NICHOLAS	MCCOY	TESTING THE WATERS: HYDROGEN FROM ELECTROLYSIS	MCCULLOUGH JUNIOR HIGH
JR	WINNER	PLANT SCI (BOTANY)	RYAN	DURAN	SPACE SEEDS VS. EARTH SEEDS	SEABROOK INTERMEDIATE
JR	WINNER	MEDICINE/HEALTH	HARLEEN	SINGH	ENERGY DRINKS, COFFEE, AND CAFFIENE PILLS IN ACTION!	HARMONY SCHOOL OF EXCELLENCE
SR	WINNER	MATHEMATICS	STEPHANIE	TZOUANAS	SOLAR ENERGY: HAVE YOU SEEN THE LIGHT?	CLEAR LAKE HS
SR	WINNER	ENGINEERING	NATALIE	MARSHALL	SLIPPERY SHIPS SLICE HULL RESISTANCE BARRIERS	ACAD FOR SCI & HEALTH PROF
SR	WINNER	PHYSICS & ASTRO	JOHN	ROBERTS	GAS WALL II	ACAD OF SCI & TECHNOLOGY
SR	WINNER	PHYSICS & ASTRO	GREG	POE	MUONS: DOWN HERE VERSUS UP THERE	TRAVIS HS
SR	WINNER	COMPUTER SCI	SAMANTHA	JOSEPH	GENETIC ALGORITHMS IN YOUR WORLD	HARMONY SCI ACAD HOUSTON
SR	WINNER	CHEMISTRY	KERICKA	STAGG	INTRODUCING RUTHENIUM ATOMS TO ALLOPURINOL	BARBARA JORDAN HS FOR CAREERS
SR	WINNER	MEDICINE/HEALTH	LOIS	KIM	RECIPE FOR THE PERFECT GLUCOSE LEVEL	CLEAR LAKE HS
SR	WINNER	ENVIR SCI	LI	BOYNTON	USING BIOLUMINESCENT BACTERIA TO DETECT WATER CONTAMINANTS	BELLAIRE HS
<u>UNITED SPACE ALLIANCE</u>						
SR	1ST	COMPUTER SCI	LIAM	MCMAHON	SYMBOLIC DIFFERENTIATION	ACAD OF SCI & TECHNOLOGY
SR	2ND	EARTH/SPACE SCI	SAMANTHA	GEYER	COSMIC BASEBALL	CLEAR LAKE HS
SR	3RD	COMPUTER SCI	SAMANTHA	JOSEPH	GENETIC ALGORITHMS IN YOUR WORLD	HARMONY SCI ACAD HOUSTON
9TH	WINNER	ANIMAL SCI (ZOOLOGY)	SAVANNAH	LOOPER	WEIGHING IN	CLEAR CREEK HS
9TH	WINNER	COMPUTER SCI	DOUGLAS	TURK	COOKIE SCIENCE	ACAD OF SCI & TECHNOLOGY
SR	WINNER	MEDICINE/HEALTH	JIAWEN (JENNY)	WEI	KLF4 VS. KLF4A: WHICH ONE CAN FIGHT PANCREATIC CANCER?	BELLAIRE SENIOR HS
SR	WINNER	EARTH/SPACE SCI	DANIEL	ROCKEY	SUBSTRATA SAVINGS	FRIENDSWOOD HS
<u>UNITED STATES ARMY</u>						
SR	WINNER	ENGINEERING	TAAHIR	AHMED	B-FIELD SHAPE AROUND A NON CIRCULAR COIL	CLEMENTS HS
SR	WINNER	ENVIR SCI	ALYKHAN	BANDALI	WATER REMEDIATION WITH A PHOTOCATALYTIC REACTOR II	KINKAID SCHOOL
SR	WINNER	MATHEMATICS	STEPHANIE	TZOUANAS	SOLAR ENERGY: HAVE YOU SEEN THE LIGHT?	CLEAR LAKE HS
SR	WINNER	MEDICINE/HEALTH	JIAWEN (JENNY)	WEI	KLF4 VS. KLF4A: WHICH ONE CAN FIGHT PANCREATIC CANCER?	BELLAIRE SENIOR HS
SR	WINNER	ANIMAL SCI (ZOOLOGY)	MEGAN	BROWN	FACTORS AFFECTING COLIC	ACAD OF SCI & TECHNOLOGY
<u>UNIVERSITY OF HOUSTON-CLEAR LAKE</u>						
9TH	1ST	BEHAVIORAL/SOCIAL SCI	SHELBY	DAVIS	DOES RACE DETERMINE FINGERPRINTS	ACAD FOR SCI & HEALTH PROF
JR	1ST	ENGINEERING	ZACHARY	HANZEL	PERPETUAL MOTION	HARMONY SCI ACAD BEAUMONT
SR	1ST	ENGINEERING	NATALIE	MARSHALL	SLIPPERY SHIPS SLICE HULL RESISTANCE BARRIERS	ACAD FOR SCI & HEALTH PROF
<u>UNIVERSITY OF HOUSTON-DOWNTOWN</u>						
9TH	WINNER	COMPUTER SCI	RABIA	GUNONU	MAGIC STICK	HARMONY SCI ACAD HOUSTON
JR	WINNER	BEHAVIORAL/SOCIAL SCI	TAYLOR	KLOCK	LEND ME A HAND	SEABROOK INTERMEDIATE
SR	WINNER	ENVIR SCI	LI	BOYNTON	USING BIOLUMINESCENT BACTERIA TO DETECT WATER CONTAMINANTS	BELLAIRE HS
<u>WEATHER RESEARCH CENTER</u>						
9TH	WINNER	EARTH/SPACE SCI	ARIANNA	BARRERA	WHAT TYPE OF ROOF WILL WITHSTAND HURRICANE WINDS BEST?	ACAD FOR SCI & HEALTH PROF

2009 SPECIAL AWARD WINNERS