

## 2009 SEFH Place Award Winners

<u>CATEGORY</u>	<u>PLACE</u>	<u>FIRST NAME</u>	<u>LAST NAME</u>	<u>TITLE</u>	<u>SCHOOL</u>	<u>DISTRICT</u>
<u>JUNIOR - INDIVIDUAL</u>						
ANIMAL SCI (ZOOLOGY)	1ST	COLEMAN	FULCHER	THE EFFECT OF TIME, MOON PHASE, & FEED TYPE ON DEER	WESTBROOK INTERMEDIATE	CLEAR CREEK ISD
ANIMAL SCI (ZOOLOGY)	HM	KENDALL	PALMER	MONKEY HEAR MONKEY LEARN 2	SEABROOK INTERMEDIATE	CLEAR CREEK ISD
ANIMAL SCI (ZOOLOGY)	2ND	ELEANOR	JOHNSON	EXTRAORDINARY EXISTENCE	McCULLOUGH JUNIOR HIGH	CONROE ISD
ANIMAL SCI (ZOOLOGY)	3RD	ANDREW	GOMEZ	SQUIRMIN' WORMS	McCULLOUGH JUNIOR HIGH	CONROE ISD
BEHAV/SOC SCI	1ST	MOHIT	AGARWAL	ULTIMATE TEST	HOLUB MS	ALIEF ISD
BEHAV/SOC SCI	HM	SARAH	FURAY	CAN YOU SPEAK SURRAY?	McCULLOUGH JUNIOR HIGH	CONROE ISD
BEHAV/SOC SCI	HM	FRANEISCA	SIMS	RAT OPERANT CONDITIONING TO PLAY PIANO NOTES	CLEAR LAKE INTERMEDIATE	CLEAR CREEK ISD
BEHAV/SOC SCI	2ND	KAREN	YEN	POSITIVE VS. NEGATIVE THINKING	WESTBROOK INTERMEDIATE	CLEAR CREEK ISD
BEHAV/SOC SCI	3RD	JOHN	HASH	PERCEPTION DETECTION	BILLY BAINES MS	FORT BEND ISD
BIOCHEM/MICROB	1ST	JENNIFER	RIEGER	GET THIS BUG OFF YOUR HORSE	McCULLOUGH JUNIOR HIGH	CONROE ISD
BIOCHEM/MICROB	2ND	RITA	SONKA	OSMOSIS THROUGH A SEMI-PERMEABLE MEMBRANE	KNOX JUNIOR HIGH	CONROE ISD
BIOCHEM/MICROB	3RD	KATHERINE	XIE	HAUGH TO: AN EXPERIMENT WITH EGGS	McCULLOUGH JUNIOR HIGH	CONROE ISD
CHEMISTRY	1ST	NICHOLAS	MCCOY	TESTING THE WATERS: HYDROGEN FROM ELECTROLYSIS	McCULLOUGH JUNIOR HIGH	CONROE ISD
CHEMISTRY	HM	ANJALI	SINGAL	VITAMIN C IN ORANGE JUICE	SIDNEY LANIER MS	HOUSTON ISD
CHEMISTRY	2ND	ELLEN	WEINHEIMER	THE CHEMISTRY OF CRAYON CLEANUP	PRESBYTERIAN SCHOOL	PRIVATE
CHEMISTRY	3RD	SMRUTI	RATH	SECRETS OF ELECTROCHEMICAL ENERGY	T. H. ROGERS MS EDUC. CNTR.	HOUSTON ISD
COMPUTER SCI	1ST	RISHI	SURESH	MEDICAL IMAGE COMPRESSION USING LOSS LESS ALGORITHM	WESTBROOK INTERMEDIATE	CLEAR CREEK ISD
COMPUTER SCI	2ND	CHARLOTTE	SHUFF	ONE "SORRY" ROBOT	HARMONY SCHOOL OF EXCELLENCE	CHARTER SCHOOL
COMPUTER SCI	3RD	JACOB	ROHAN	ARE THEY BOOSTING WHAT THEY'RE BOASTING	T. H. ROGERS MS EDUC. CNTR.	HOUSTON ISD
EARTH/SPACE SCI	1ST	CAMERON	FREDDE	JURASSIC PARK-A (AN INNOVATIVE BONE JACKETING EXPERIMENT)	SEABROOK INTERMEDIATE	CLEAR CREEK ISD
EARTH/SPACE SCI	HM	IAN	ENRIQUEZ	ROLLING AND SLIDING AWAY	SEABROOK INTERMEDIATE	CLEAR CREEK ISD
EARTH/SPACE SCI	2ND	WILLIAM	LARSEN	RADIO ROCK: A STUDY OF STONES	T. H. ROGERS MS EDUC. CNTR.	HOUSTON ISD
EARTH/SPACE SCI	3RD	HEATHER	YANG	DIGGIN' FOR SALT	STEPHEN F. AUSTIN MS	GALVESTON ISD
ENERGY/TRANS	1ST	CARLOS	RIVERO-LOPEZ	WIND ENERGY MAKES A BLADE OF DIFFERENCE	FIRST COLONY MS	FORT BEND ISD
ENERGY/TRANS	HM	PATRICK	MCDERMOTT	DRIVING IS A DRAG	McCULLOUGH JUNIOR HIGH	CONROE ISD
ENERGY/TRANS	HM	ARJUN	SARAVANAN	WHAT IS THE EFFECT OF TEMP ON A SOLAR CELL'S PERFORM.?	HARMONY SCI. ACAD HOUSTON N W	PRIVATE
ENERGY/TRANS	2ND	MARION	HAMMETT	JATROPHA: FLOWER POWER	McCULLOUGH JUNIOR HIGH	CONROE ISD
ENERGY/TRANS	3RD	MITCHELL	GRAHAM	EFFECT OF SURFACE PROPERTIES ON BOAT EFFICIENCY	WESTBROOK INTERMEDIATE	CLEAR CREEK ISD
ENGINEERING	1ST	DIVYA	KOYYALAGUNTA	LIGHT AFFECT ON INTERNAL RESISTANCE OF SOLAR CELL	WESTBROOK INTERMEDIATE	CLEAR CREEK ISD
ENGINEERING	HM	AUSTIN	KOSIN	A. R. P. A. AUTONOMOUS ROBOTIC PERSONAL ASSISTANT	McCULLOUGH JUNIOR HIGH	CONROE ISD
ENGINEERING	2ND	TEJOS	SATISH	ESTIMATION OF FREQUENCY OF DIFFERENT STRUCTURES	FIRST COLONY MS	FORT BEND ISD
ENGINEERING	3RD	FRANCESCA	ROSSI	THE RELATIONSHIP BETWEEN RADIALS & RADIO RECEPTION	McCULLOUGH JUNIOR HIGH	CONROE ISD
ENVIR SCI	1ST	ROBERT	CYPRUS	BEE GREEN	SARTARTIA MS	FORT BEND ISD
ENVIR SCI	HM	VENKATASAI	KATTA	PURE IT SAFE DRINKING WATER	T. H. ROGERS MS EDUCATION	HOUSTON ISD
ENVIR SCI	2ND	JAMIE	MCCULLOUGH	GOING GREEN WITH PLASTIC	FRIENDSWOOD JUNIOR HS	FRIENDSWOOD ISD
ENVIR SCI	3RD	ALEXANDER	SHERWOOD	EFFECT OF AERATION ON MICRO-ORGAN IN WEED-LADEN PONDS	HARMONY SCI. ACAD HOU. NW	PRIVATE
MATHEMATICS	1ST	KEVIN	KUSCH	THE BETTER PIECE OF PI	McCULLOUGH JUNIOR HIGH	CONROE ISD
MATHEMATICS	HM	STEPHEN	MCWILLIAMS	THE GREEN MONSTER	TRAFTON ACAD	PRIVATE
MATHEMATICS	HM	JOAN	ZHANG	EFFECT OF DIFFERENT GASOLINE FILL PATTERNS ON ANNUAL COST	WESTBROOK INTERMEDIATE	CLEAR CREEK ISD
MATHEMATICS	2ND	ELIZABETH	CRAFT	PI IN 2000 BC	SEABROOK INTERMEDIATE	CLEAR CREEK ISD

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MATHEMATICS	3RD	PRATYUSHA	PILLA	HURRICANE COST MODELS	WESTBROOK INTERMEDIATE	CLEAR CREEK ISD
MEDICINE/HEALTH	1ST	ERIKA	STORLI	THE EFFECTS OF DIF. TYPES OF TEA ON DAPHNIA HEART RATE	WESTBROOK INTERMEDIATE	CLEAR CREEK ISD
MEDICINE/HEALTH	2ND	DIANA	RUAN	FAT CELLS: ON THEIR WAY TO HELP TREAT DIABETES	T. H. ROGERS MS EDUC. CNTR.	HOUSTON ISD
MEDICINE/HEALTH	3RD	HANNAH	KELLY	SMOKING IS A DRAG	SPACE CENTER INTERMEDIATE	CLEAR CREEK ISD
PHYSICS & ASTRONOMY	1ST	KYLE	SIKORA	TOO MUCH TIME FOR HOLOGRAMS	KNOX JUNIOR HIGH	CONROE ISD
PHYSICS & ASTRONOMY	HM	JACOB	BROWN	THE LONGEST SLEEPER: MAXIMIZING THE SPIN TIME OF A YO-YO	JOHN COOPER SCHOOL	PRIVATE
PHYSICS & ASTRONOMY	HM	DEREK	JANAK	LIGHTNING IN A JAR!	FRIENDSWOOD JUNIOR HS	FRIENDSWOOD ISD
PHYSICS & ASTRONOMY	2ND	HANNAH	GOETHE	REGATTA RACERS	SEABROOK INTERMEDIATE	CLEAR CREEK ISD
PHYSICS & ASTRONOMY	3RD	SUNG KYUNG	CHO	HOT TEMPERED VEGGIES	STEPHEN F. AUSTIN MS	GALVESTON ISD
PLANT Sci (BOTANY)	1ST	ALLISON	MARTIN	A STUDY OF ALGAE GROWTH	McCULLOUGH JUNIOR HIGH	CONROE ISD
PLANT Sci (BOTANY)	2ND	BRADLEY	PATTON	HYDRO WHAT?	MAGNOLIA JUNIOR HS	MAGNOLIA ISD
PLANT Sci (BOTANY)	3RD	BRANDON	HARRIS	IVY AND JEW IN A SALTWATER STEW	McCULLOUGH JUNIOR HIGH	CONROE ISD

### NINTH - INDIVIDUAL

ANIMAL Sci (ZOOLOGY)	1ST	SAVANNAH	LOOPER	WEIGHING IN	CLEAR CREEK HS	CLEAR CREEK ISD
ANIMAL Sci (ZOOLOGY)	HM	KEITH	TAMBORELLO	FEATHERS . . . THE REAL STRENGTH	ACAD FOR SCI. & HEALTH PROF.	CONROE ISD
ANIMAL Sci (ZOOLOGY)	2ND	VICTORIA	DOBBIE	BLUE CATFISH ALIMENTARY CANAL PARASITIC BURDEN	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
ANIMAL Sci (ZOOLOGY)	3RD	ALYSSA	BYRD	PEPPERMINT EXTRACTS EFFECT ON PLANARIAN	ACAD FOR SCI. & HEALTH PROF.	CONROE ISD
BEHAV/SOC Sci	1ST	SHELBY	DAVIS	DOES RACE DETERMINE FINGERPRINTS	ACAD FOR SCI. & HEALTH PROF.	CONROE ISD
BEHAV/SOC Sci	HM	KIMBERLY	CORREIA	HOW BIG IS YOUR FOOTPRINT	HARMONY SCI. ACAD BEAUMONT	CHARTER SCHOOL
BEHAV/SOC Sci	HM	CATHERINE	LEENEY	MAKING MEMORIES	CLEAR CREEK HS	CLEAR CREEK ISD
BEHAV/SOC Sci	2ND	CAROL	CHAMPION	EFFECT OF COLOR AND FOOD ON SPATIAL MEMORY	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
BEHAV/SOC Sci	3RD	ERIN	THORNTON	HOW COMMON DISTRACTIONS AFFECT REACTION TIME	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
BIOCHEM/MICROB	1ST	CARRIE	LI	BEYOND BRAWN	BELLAIRE SENIOR HS	HOUSTON ISD
BIOCHEM/MICROB	HM	MATTHEW	SCHREIBER	KILLING BACTERIA WITH NATURAL CLEANING AGENTS	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
BIOCHEM/MICROB	2ND	SYDNEY	MITCHELL	GERM-A-PHOBE	CLEAR CREEK HS	CLEAR CREEK ISD
BIOCHEM/MICROB	3RD	POOJA	SALHOTRA	IS YOUR MOUTHWASH EFFECTIVE?	ST. JOHN'S SCHOOL	PRIVATE
CHEMISTRY	1ST	NEERJA	AGGARWAL	EXPLORING ELECTROLYSIS	HIGHTOWER HS	FORT BEND ISD
CHEMISTRY	HM	MELISSA	CASTILLO	OUR GOLDEN SUN	HIGHTOWER HS	FORT BEND ISD
CHEMISTRY	2ND	LORNA	O'NEILL	REDUCING SALT EMITTED BY WATER SOFTENERS	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
CHEMISTRY	3RD	KARA	HARRINGTON	CONVERSION OF ETHANOL BY ACID HYDROLYSIS	HARMONY SCI. ACAD BEAUMONT	CHARTER SCHOOL
COMPUTER Sci	1ST	DOUGLAS	TURK	COOKIE SCIENCE	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
COMPUTER Sci	2ND	POOJA	YESANTHARAO	E-DOCTOR	CLEAR LAKE HS	CLEAR CREEK ISD
COMPUTER Sci	3RD	BRYCE	REYNOLDS	SIM SYSTEM: ECOSYSTEM SIMULATOR	MAGNOLIA WEST HS	MAGNOLIA ISD
EARTH/SPACE Sci	1ST	VISHAL	DUVVURU	HOT N' COLD HURRICANES	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
EARTH/SPACE Sci	2ND	ROWANNE	CONWAY	OPTIMIZING RADON DE-MULTIPLE EFFICIENCY	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
EARTH/SPACE Sci	3RD	ARIANNA	BARRERA	WHAT TYPE OF ROOF WILL WITHSTAND HURRICANE WINDS BEST?	ACAD FOR SCI. & HEALTH PROF.	CONROE ISD
ENERGY/TRANS	1ST	LAUREN	SCHMIDT	BLADE MODIFICATIONS OF SAVONIUS WIND TURBINES	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
ENERGY/TRANS	HM	AMANDA	LEBSACK	PIEZOELECTRICS AS AN ALTERNATIVE ENERGY SOURCE	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
ENERGY/TRANS	HM	ERIN	WILLIAMS	ENERGY AND COST EFFICIENCY OF RESIDENTIAL WALLS	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
ENERGY/TRANS	2ND	ELIZABETH	HINCHLEY	THE GAS THAT LASTS	MAGNOLIA WEST HS	MAGNOLIA ISD
ENERGY/TRANS	3RD	SHEENA	MOHEBALIAN	BIODIESEL PERFORMANCE AT LOW TEMPERATURES	FRIENDSWOOD HS	FRIENDSWOOD ISD

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ENGINEERING	1ST	GORDON	KWONG	STORM DRAINS: WHICH DESIGN IS THE MOST EFFICIENT?	CLEAR LAKE HS	CLEAR CREEK ISD
ENGINEERING	2ND	XINYI	WANG	DESIGN AND CONSTRUCTION OF AUTOMATIC FEEDERS	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
ENGINEERING	3RD	STEPHANIE	MALLARD	REMOVING DUST FROM SOLAR PANELS	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
ENVIR SCI	1ST	MICHELLE	DUNN	DESTRUCTING DIESEL, SAVING SEA LIFE	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
ENVIR SCI	2ND	MICHELLE	HARRIS	BOATS AND BARNACLES	CLEAR CREEK HS	CLEAR CREEK ISD
ENVIR SCI	3RD	KYLE	CALKIN	BIOREMEDIATION AND LIVING ORGANISMS	ACAD FOR SCI. & HEALTH PROF.	CONROE ISD
MATHEMATICS	1ST	JASON	STUTZMAN	MATHEMATICAL MODELING OF HUMAN SARS CORONAVIRUS	MAGNOLIA WEST HS	MAGNOLIA ISD
MATHEMATICS	HM	JOSEPH	WONG	A MATHEMATICAL METHOD TO CONTROL WORLD POPULATION	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
MATHEMATICS	2ND	ELLEN	ZHOU	SURVIVAL OF THE FITTEST	CLEAR BROOK HS	CLEAR CREEK ISD
MATHEMATICS	3RD	SCOTT	BERGER	IT'S NO BULL!	CLEAR LAKE HS	CLEAR CREEK ISD
MEDICINE/HEALTH	1ST	JAKE	KORNBLAU	HERBAL CHEMOTHERAPY	CLEAR CREEK HS	CLEAR CREEK ISD
MEDICINE/HEALTH	HM	NICOLE	FERAGEN	DO YOU SEE WHAT I SEE?	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
MEDICINE/HEALTH	HM	NEHA	REDDY	CAMPTOTHECIN ANALOG EFFECTS ON TUMOR CELL LINES	BELLAIRE SENIOR HS	HOUSTON ISD
MEDICINE/HEALTH	2ND	MIN	BI	AFFECTS OF ESTROGEN ON GAP JUNCTION	CLEAR LAKE HS	CLEAR CREEK ISD
MEDICINE/HEALTH	3RD	KATIE	MITCHELL	ACIDIC & ALKALINE STRENGTH OF LACTIC ACID BUFFERS	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
PHYSICS & ASTRONOMY	1ST	MICHAEL	MCGRAW	WHEEL WIDTHS VERSUS SPEED	CLEAR LAKE HS	CLEAR CREEK ISD
PHYSICS & ASTRONOMY	HM	CODY	PERRY	SWEATY WEIGHTS	CLEAR CREEK HS	CLEAR CREEK ISD
PHYSICS & ASTRONOMY	HM	HANNAH	ROSS	BATTLING THE SUN - WHAT IS YOUR BEST ARMOR?	ACAD FOR SCI. & HEALTH PROF.	CONROE ISD
PHYSICS & ASTRONOMY	2ND	VALENTIN	TUZHILKIN	A PENDULUM'S PERIOD	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
PHYSICS & ASTRONOMY	3RD	LAURENCE	MOORE	RATED CG	CLEAR LAKE HS	CLEAR CREEK ISD
PLANT SCI (BOTANY)	1ST	ANNIE	MEJIAS	OIL IN MY BACKYARD	MANVEL HS	MANVEL ISD
PLANT SCI (BOTANY)	2ND	SHRUTI	VAIDYANATHAN	EFFECT OF VITAMIN B ON THE MUNG BEANS	CLEAR LAKE HS	CLEAR CREEK ISD
PLANT SCI (BOTANY)	3RD	KATIE	HAUSER	IS VITAMIN E VITAL?	ACAD OF SCI. & TECHNOLOGY	CONROE ISD

### SENIOR - INDIVIDUAL

ANIMAL SCI (ZOOLOGY)	1ST	MEGAN	BROWN	FACTORS AFFECTING COLIC	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
ANIMAL SCI (ZOOLOGY)	HM	NIKKI	BANNEYER	FOLLOWING FIDO'S FIBER	CLEAR BROOK HS	CLEAR CREEK ISD
ANIMAL SCI (ZOOLOGY)	2ND	NASIR	ADAYA	DRUNKEN DROSOPHILA	TRAVIS HS	FORT BEND ISD
ANIMAL SCI (ZOOLOGY)	3RD	DISHAJOYTI	NATH	H2O2 & VITAMIN C ON THE HEART RATE OF DAPHNIA PULEX	CLEAR SPRINGS HS	CLEAR CREEK ISD
BEHAV/SOC SCI	1ST	ALESSANDRA	ROSSI	GIVE US A SIGN	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
BEHAV/SOC SCI	HM	KENDRA	BALDAZO	WHERE ARE ALL THE FISH?	HARMONY SCI. ACAD HOUSTON	CHARTER SCHOOL
BEHAV/SOC SCI	HM	RUIZHI	DONG	THE STRESS FACTOR	CLEAR LAKE HS	CLEAR CREEK ISD
BEHAV/SOC SCI	2ND	OLIVIA	DWAN	FEAR FACTOR	BELLAIRE SENIOR HS	HOUSTON ISD
BEHAV/SOC SCI	3RD	SHAWN	DU	RELATIONSHIP BETWEEN SUBSTANCE ABUSE AND SOCIAL FACTORS	CLEAR LAKE HS	CLEAR CREEK ISD
BIOCHEM/MICROB	1ST	ALICE	TURSKI	REGULATION OF THE MESENCHYMAL SIGNATURE IN GLIOBLASTOMA	BELLAIRE SENIOR HS	HOUSTON ISD
BIOCHEM/MICROB	2ND	AVANTIKA	KRISHNA	AFFECTS ON THE RATES OF ENZYME CATALYZED REACTIONS	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
BIOCHEM/MICROB	3RD	LAUREL	BINGMAN	TROUBLE WITH TRYPSIN II: COOKING SAFER SOY	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
CHEMISTRY	1ST	SUNIL	PAI	AFFORDABLE CYCLIC VOLTAMMETRY FOR HIGH SCHOOLS	KINKAID SCHOOL	PRIVATE
CHEMISTRY	HM	KATHY	LIN	MATHEMATICAL MODELING OF HOMOGENEOUS AZEOTROPES	CLEAR LAKE HS	CLEAR CREEK ISD
CHEMISTRY	2ND	KERICKA	STAGG	INTRODUCING RUTHENIUM ATOMS TO ALLOPURINOL	BARBARA JORDAN HS FOR CAREERS	HOUSTON ISD
CHEMISTRY	3RD	JEANETTE	FERRARA	FINDING THE FRAGILITY OF SWIMSUIT FIBERS PART II	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
COMPUTER SCI	1ST	BEN	BRAUN	ROOTS III: ENCRYPTION WITH ROOTS	FRIENDSWOOD HS	FRIENDSWOOD ISD

## 2009 SEFH Place Award Winners

COMPUTER SCI	2ND	SATHYA	SANKARAN	CARTS - COMPUTER ANALYSIS OF ROAD TRAFFIC SYSTEMS	CLEAR LAKE HS	CLEAR CREEK ISD
COMPUTER SCI	3RD	SRIKRISHNA	RAGHAVAN	PERFORMANCE ANALYSIS OF THE WALSH-HADAMARD TRANSFORM	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
EARTH/SPACE SCI	1ST	DANIEL	ROCKEY	SUBSTRATA SAVINGS	FRIENDSWOOD HS	FRIENDSWOOD ISD
EARTH/SPACE SCI	2ND	MEAGAN	THIBODAUX	A WELL OF A PROBLEM	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
ENERGY/TRANS	1ST	BRIAN	STUTZMAN	WAVE ENERGY EXTRACTION II	MAGNOLIA WEST HS	MAGNOLIA ISD
ENERGY/TRANS	HM	KARDELEN	DOGAN	SAVE ENERGY AND HELP ECONOMY	HARMONY SCI. ACAD HOUSTON	CHARTER SCHOOL
ENERGY/TRANS	HM	ROBERT	LANDIS	EFFICIENT CONCENTRATORS FOR SOLAR CELL SYSTEMS II	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
ENERGY/TRANS	2ND	KYLE	KOLIBA	TRANSESTERIFICATION OF ALGAL OIL INTO BIODIESEL II	ACAD FOR SCI. & HEALTH PROF.	CONROE ISD
ENERGY/TRANS	3RD	DAVID	LEBSACK	THE WAR ON GAS MILEAGE II	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
ENGINEERING	1ST	TAAHIR	AHMED	B-FIELD SHAPE AROUND A NON CIRCULAR COIL	CLEMENTS HS	FORT BEND ISD
ENGINEERING	2ND	LAURA	BRADT	THE EFFECT OF TEMPERATURE ON BIODIESEL PRODUCTION	CLEAR BROOK HS	CLEAR CREEK ISD
ENGINEERING	3RD	ANDREW	LY	WHALE POWERED PROPELLER	DEBAKEY HS FOR HEALTH PROF.	HOUSTON ISD
ENVIR SCI	1ST	ALYKHAN	BANDALI	WATER REMEDIATION WITH A PHOTOCATALYTIC REACTOR II	KINKAID SCHOOL	PRIVATE
ENVIR SCI	HM	NATALIE	BREEN	ERODING AWAY	ST. AGNES ACAD HS	PRIVATE
ENVIR SCI	2ND	LI	BOYNTON	USING BIOLUMINESCENT BACTERIA TO DETECT WATER CONTAM.	BELLAIRE HS	HOUSTON ISD
ENVIR SCI	3RD	APROTEEM	CHOUDHURY	EFFECT OF CHEMICAL CATALYSTS ON BIOREMEDIATOR EFFICIENCY	CLEAR SPRINGS HS	CLEAR CREEK ISD
MATHEMATICS	1ST	STEPHANIE	TZOUANAS	SOLAR ENERGY: HAVE YOU SEEN THE LIGHT?	CLEAR LAKE HS	CLEAR CREEK ISD
MATHEMATICS	HM	KUNAL	ABICHANDANI	POND SCUM TO ENERGY INDEPENDENCE	CLEAR LAKE HS	CLEAR CREEK ISD
MATHEMATICS	2ND	SUDHA	VERMA	STRUCTURAL NETWORKING - A STATISTICAL ANALYSIS	CLEMENTS HS	FORT BEND ISD
MATHEMATICS	3RD	BELLE	IBANEZ	SANGAKU: ANCIENT JAPANESE GEOMETRY	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
MEDICINE/HEALTH	1ST	JIAWEN (JENNY)	WEI	KLF4 VS. KLF4A: WHICH ONE CAN FIGHT PANCREATIC CANCER?	BELLAIRE SENIOR HS	HOUSTON ISD
MEDICINE/HEALTH	HM	MANPREET	KAUR	PROTECTING YOURSELF FROM UVA: HERBS-VS-CHEMICALS PART 2	CLEAR BROOK HS	CLEAR CREEK ISD
MEDICINE/HEALTH	HM	PRADEEPAN	PARTHIBAN	EYES FOR DRIVING	CLEAR LAKE HS	CLEAR CREEK ISD
MEDICINE/HEALTH	2ND	SAAM	MOTAMEDI	MOLECULAR SURGERY OF ALZHEIMER'S USING NANOTECHNOLOGY	CLEAR LAKE HS	CLEAR CREEK ISD
MEDICINE/HEALTH	3RD	KSHITIJ	DESAI	ABLATING THE NATURAL TROPISM OF AAV-2 NANOPARTICLES	DEBAKEY HS FOR HEALTH PROF.	HOUSTON ISD
PHYSICS & ASTRONOMY	1ST	LYRIC	GILLETT	A NOVEL METHOD FOR MEASURING SONOLUMINESCENT SPECTRA	CORNERSTONE HIGH HOMESCHOOL	PRIVATE
PHYSICS & ASTRONOMY	HM	GREG	POE	MUONS: DOWN HERE VERSUS UP THERE	TRAVIS HS	FORT BEND ISD
PHYSICS & ASTRONOMY	2ND	KATIE	POWELL	LET THERE BE (MORE) LIGHT!	CLEAR LAKE HS	CLEAR CREEK ISD
PHYSICS & ASTRONOMY	3RD	JOHN	ROBERTS	GAS WALL II	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
PLANT SCI (BOTANY)	1ST	VANESSA	RIVERA	GREEN MACHINES	FRIENDSWOOD HS	FRIENDSWOOD ISD
PLANT SCI (BOTANY)	HM	ELIZABETH	CONGER	TAKE TWO: PLANTS & ULTRAVIOLET RADIATION II	FRIENDSWOOD HS	FRIENDSWOOD ISD
PLANT SCI (BOTANY)	2ND	TASNIM	MOHAMED	COPPER BEANS	EISENHOWER HS	ALDINE ISD
PLANT SCI (BOTANY)	3RD	ROSHAN	PATEL	THE GREEN DREAM	TRAVIS HS	FORT BEND ISD

### JUNIOR - TEAM

BEHSci/BIOCHEM/MEDHEAL	1ST	PATRICIA	D'AREZZO	MIND MAPPING: SENSORY INPUT	ST. ANTHONY OF PADUA CATH. SCHOOL	PRIVATE
BEHSci/BIOCHEM/MEDHEAL	1ST	MICALITA	SHATSWELL	MIND MAPPING: SENSORY INPUT	ST. ANTHONY OF PADUA CATH. SCHOOL	PRIVATE
BEHSci/BIOCHEM/MEDHEAL	2ND	THANH	DANG	BRAIN WORKOUT 2.0	O'DONNELL MS	ALIEF ISD
BEHSci/BIOCHEM/MEDHEAL	2ND	ABBY	LAM	BRAIN WORKOUT 2.0	O'DONNELL MS	ALIEF ISD
BEHSci/BIOCHEM/MEDHEAL	3RD	AUSTIN	FREDRICKSON	WAKE UP AND SAVE YOUR FAMILY	MAGNOLIA JUNIOR HS	MAGNOLIA ISD
BEHSci/BIOCHEM/MEDHEAL	3RD	MATT	BAKER	WAKE UP AND SAVE YOUR FAMILY	MAGNOLIA JUNIOR HS	MAGNOLIA ISD
BOT/ENVSci/ZOO	1ST	MADDY	OLINGER	CATASTROPHIC COAST	MCCULLOUGH JUNIOR HIGH	CONROE ISD

## 2009 SEFH Place Award Winners

BOT/EnvSci/Zoo	1ST	KALEIGH	OLMSTED	CATASTROPHIC COAST	McCULLOUGH JUNIOR HIGH	CONROE ISD
BOT/EnvSci/Zoo	2ND	SOPHIA	WUNCH	EDIBLE ANTIBIOTICS	ST. ANTHONY OF PADUA CATH. SCHOOL	PRIVATE
BOT/EnvSci/Zoo	2ND	ELLEN	NEIERS	EDIBLE ANTIBIOTICS	ST. ANTHONY OF PADUA CATH. SCHOOL	PRIVATE
BOT/EnvSci/Zoo	3RD	VALARIE	GAWRON	HYDROPONICS	McCULLOUGH JUNIOR HIGH	CONROE ISD
BOT/EnvSci/Zoo	3RD	KACEY	NORTHCUTT	HYDROPONICS	McCULLOUGH JUNIOR HIGH	CONROE ISD
ENGR/COMP/MATH	1ST	GALLAGHER	RYAN	MEDIEVAL MAYHEM	McCULLOUGH JUNIOR HIGH	CONROE ISD
ENGR/COMP/MATH	1ST	NATHAN	SCHEFFE	MEDIEVAL MAYHEM	McCULLOUGH JUNIOR HIGH	CONROE ISD
ENGR/COMP/MATH	2ND	SHIFA	ABUZOID	WHICH REINFORCE. METHOD BEST REDUCES STRUCT. DAMAGE	HARMONY SCHOOL OF SCI.	CHARTER SCHOOL
ENGR/COMP/MATH	2ND	STEVEN	DANG	WHICH REINFORCE. METHOD BEST REDUCES STRUCT. DAMAGE	HARMONY SCHOOL OF SCI.	CHARTER SCHOOL
ENGR/COMP/MATH	3RD	DILLON	HOANG	LEVEE ME ALONE	T. H. ROGERS MS EDUC. CNTR.	HOUSTON ISD
ENGR/COMP/MATH	3RD	JIM	JENKINSON	LEVEE ME ALONE	T. H. ROGERS MS EDUC. CNTR.	HOUSTON ISD
PHYSICAL SCI	1ST	ANDREW	ALTER	MAGNETIZING FERROMAGNETIC METALS	EMERY WEINER JEWISH SCHOOL	PRIVATE
PHYSICAL SCI	1ST	LINDSEY	ALTER	MAGNETIZING FERROMAGNETIC METALS	EMERY WEINER JEWISH SCHOOL	PRIVATE
PHYSICAL SCI	2ND	THOMAS	KUNCEWICZ	CHUTE SHAPES	T. H. ROGERS MS EDUC. CNTR.	HOUSTON ISD
PHYSICAL SCI	2ND	LUIS	CONTRERAS	CHUTE SHAPES	T. H. ROGERS MS EDUC. CNTR.	HOUSTON ISD
PHYSICAL SCI	3RD	SHAWN	JACOB	WHICH ANGLE OF ATTACK GENERATES THE MOST LIFT?	QUAIL VALLEY MS	FORT BEND ISD
PHYSICAL SCI	3RD	SARTH	RAJ	WHICH ANGLE OF ATTACK GENERATES THE MOST LIFT?	QUAIL VALLEY MS	FORT BEND ISD
PHYSICAL SCI	3RD	NICHOLOS	JOSEPH	WHICH ANGLE OF ATTACK GENERATES THE MOST LIFT?	QUAIL VALLEY MS	FORT BEND ISD

### NINTH - TEAM

ENGR/PHYSICALSCI	1ST	SEAN	KIM	NUCLEAR SHIELDING	HARMONY SCHOOL OF EXCELLENCE	CHARTER SCHOOL
ENGR/PHYSICALSCI	1ST	LEELAND	SWANSON	NUCLEAR SHIELDING	HARMONY SCHOOL OF EXCELLENCE	CHARTER SCHOOL
ENGR/PHYSICALSCI	2ND	JESSICA	LACAMBRA	SCREENED OR BURNED	ACAD FOR SCI. & HEALTH PROF.	CONROE ISD
ENGR/PHYSICALSCI	2ND	RACHEL	FORD	SCREENED OR BURNED	ACAD FOR SCI. & HEALTH PROF.	CONROE ISD
ENGR/PHYSICALSCI	3RD	OLIVER	QUINTERO	FROM THE POND TO THE POWER PLANT	JOHN COOPER SCHOOL	PRIVATE
ENGR/PHYSICALSCI	3RD	HENRY	DEWING	FROM THE POND TO THE POWER PLANT	JOHN COOPER SCHOOL	PRIVATE
LIFE SCI	1ST	TAYLOR	ERWIN	EFFECTS OF DRIVING DISTRACTIONS ON REACTION TIME	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
LIFE SCI	1ST	MICHELLE	GRIFFITH	EFFECTS OF DRIVING DISTRACTIONS ON REACTION TIME	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
LIFE SCI	2ND	LAURA	MEYER	COLOR PERCEPTION AND THE HUMAN MIND	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
LIFE SCI	2ND	RACHEL	REID	COLOR PERCEPTION AND THE HUMAN MIND	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
LIFE SCI	3RD	DAVID	HILEY	HYPOXIA IN THE BRAZOS RIVER PLUME	HOME SCHOOL	PRIVATE
LIFE SCI	3RD	TANNER	BORIACK	HYPOXIA IN THE BRAZOS RIVER PLUME	HOME SCHOOL	PRIVATE

### SENIOR - TEAM

SENIOR	1ST	FATMA	TANIS	MICRORNA EXPRESSION AND IDENTIFICATION	HARMONY SCI. ACAD HOUSTON	CHARTER SCHOOL
SENIOR	1ST	REBECCA	ABRAMS	MICRORNA EXPRESSION AND IDENTIFICATION	HARMONY SCI. ACAD HOUSTON	CHARTER SCHOOL
SENIOR	2ND	JIAYI	KONG	ENERGY'S ORCHARD	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
SENIOR	2ND	BRYNN	UMBACH	ENERGY'S ORCHARD	ACAD OF SCI. & TECHNOLOGY	CONROE ISD
SENIOR	3RD	HUGO	RAMIREZ	HURRICANE	HARMONY SCI. ACAD HOUSTON	CHARTER SCHOOL
SENIOR	3RD	ALEJANDRA	SOLANA	HURRICANE	HARMONY SCI. ACAD HOUSTON	CHARTER SCHOOL