| | | cience & En University 16, 2024 | gineer | ing Fair | These judging results are unaudited by the fair's Database Committee. The CSEF reserves the right to correct the listings. |
|--------------------------------|---|---|--|---|---|
| F | Regular Fair A | wards - Finalist | ts | Sorted by: | |
| [SchTown] [Proj#] | [School] [Project Title] | [Teacher] | _ | - School - School - Last Na | |
| 5009 | tt Mountain Academy The Aura Project: Lar Kwabena Addai - Bc | nding Rockets at a Model | Scale Grade 8 | Town East Hartfo | ord |
| & 1 * Sta * Pep * U.S | trophy nley Black & Decker A osico Engineering Awa 3. Air Force Certif | Association Physical Scie Applied Technology Award ards Finalist - Enginee icate & USAF Merchandis Excellence in Innovation A | ls Middle S ring Middle So e Package | School Finalist - Me chool - CSF Medalli | on |
| Avon Talco | tt Mountain Academy | Brigette Zacharczenko | | | |
| | | of Polyethylene Plastic by | | | |
| Student(s) | Yveson Hsiao | | Grade 8 | Town Farmingto | n |
| * Env | | Awards with Connecticut A | | | ences 8th grade- \$100 & trophy nland Wetlands Commissions |
| Avon Talco | tt Mountain Academy | John Pellino | | | |
| 2520 | The Boreabrush | | | | |
| Student(s) | Oliver Lind | | Grade 8 | Town Harwinton | |
| * Sta * Ler | nley Black & Decker A nelson Early Inventor | Applied Technology Award Award Certificate & \$1 | ls Middle | School Finalist - Me | |
| | - | Brigette Zacharczenko Other Roaches to Food? | | | |
| | Talia McKeen | | Grade 8 | Town West Grar | np |
| * Life | Science Awards with | support from Boehringer vards Finalist - Biotecl | | 5th Place- Life Scie | ences 8th grade- trophy |
| Bethel Beth | el High School Ray | mond Turek | | | |
| 3116 | The Effect of Disinfect | ting UVC Light Exposure of Aulti-Purpose Cleansing S | on Bacteria Co | ontent, Transparend | cy and Flexibility of Soft Contact Lens vs. |
| Student(s) | | nullin urpose cleansing of | Grade 12 | Town bethel | |
| * Sta | nlev Black & Decker A | Applied Technology Award | ls Senior I | - High Finalist - Meda | Illion |
| | | mond Turek | | | |
| 6090 | | | cture Generati | on Techniques in th | ne Synthesis of Novel Scale Independent |
| | Christopher Zuraw | | Grade 11 | Town Bethel | |
| | nnecticut Science Fair | Association Physical Scie | ence Awards | Finalist - Physic | al Sciences Senior High - CSF |
| Bozrah Fiel | ds Memorial School | Josh Fish | | | |
| 5513 | How will temperature | affect the mass that a heli | ium balloon ca | | |
| Student(s) | Kallie Bitgood | | Grade 8 | Town Bozrah | |
| * Pet | it Family Foundation \ | Awards 2nd Place Mid Nomen in Science & Engir vards Finalist - Biotecl | neering Award | ls 3rd Place- M | iddle Schools- \$100 / trophy on |

2024 Regular Fair Awards

| [SchTown] [Proj#] | [School] [Project Title] | [Teacher] | | | |
|-----------------------------|--|--|---------------------------------------|----------------------|---|
| Bozrah Fie | lds Memorial School | Joshua Fish | | | |
| 4013 | | ferent metals in various li | · · · · · · · · · · · · · · · · · · · | | |
| Student(s) | Elise Kobelski | | Grade 7 | Town Bo | |
| | Benjamin Savoie | | Grade 7 | Town Bo | ozrah |
| | | r Association Physical Sc wards Finalist - Biote | | | ce- Physical Sciences MS Team- trophy Medallion |
| Bridgeport | Bridgeport Regional | Aquaculture Center Kirk | < Shadle | | |
| 3015 | Non-Thermal Induction | on of Heat Shock Protein | 90 to Mitigate I | Early Onco | genesis With Preserved HSR |
| Student(s) | Chloe Atkins | | Grade 12 | Town St | ratford |
| * Pe * The Se * Un | tit Family Foundation e Jackson Laboratory enior High Finalist - N | Women in Science & Eng with Connecticut Acaden Acdallion t - Early College Experier | pineering Award ny of Science a | s High nd Enginee | ife Science Senior High - CSF Medallion School Finalist - Medallion ering Urban School Challenge Awards lege Experience Program: Life Sciences - |
| Bridgeport | Bridgeport Regional | Aquaculture Center Kirk | Shadle | | |
| 3027 | Using an Experiment | tal Algorithm to Detect Str | ress in Homarus | american | us in Aquaculture |
| Student(s) | Eden Cunningham | | Grade 12 | Town Se | outhport |
| | | | | | ife Science Senior High - CSF Medallion Place- High School- \$200 / plaque |
| Bridgeport | Bridgeport Regional | Aquaculture Center Kirk | < Shadle | | |
| 6080 | | Oxidation for Pesticide D | etoxification in A | Aquatic En | vironments |
| Student(s) | Aiden Deutsch | | Grade 12 | Town Fa | airfield |
| * En | ergizeCT Future Sust | ainability Awards Hig | h School Finalis | t - Medallio | on |
| Bridgeport | Bridgeport Regional | Aquaculture Center Kirk | Shadle | | |
| 6030 | Using Sodium Algina | te Derived Porous Carbo | n Material to In | crease Cap | pacitance of a Cellulose Matrix |
| Student(s) | Isabella E Silva | | Grade 12 | Town B | ridgeport |
| Mo * The | edallion | with Connecticut Acaden | | | - Physical Sciences Senior High - CSF ering Urban School Challenge Awards |
| Bridgeport | Bridgeport Regional | Aquaculture Center Kirk | < Shadle | | |
| 6065 | Ferric Modified Bam | ooo Biochar as a Passive | Lead (Pb) Rem | ediation T | ool in Contaminated Coastal Wetland Sediment |
| Student(s) | Keller Hall | | Grade 12 | Town M | onroe |
| | vironmental Sciences 5 Finalist - CSF Medal | | Association of | Conservat | on and Inland Wetlands Commissions |
| Bridgeport | Bridgeport Regional | Aquaculture Center Kirk | Shadle | | |
| 3077 | Utilizing Fucus distic | hus alginates to develop a | an enhanced ae | erosol treat | ment for Cystic Fibrosis |
| Student(s) | Mia Nierenberg | | Grade 12 | Town St | ratford |
| * The Se | e Jackson Laboratory mior High Finalist - N | with Connecticut Academ | ny of Science a | nd Enginee | ife Science Senior High - CSF Medallion ering Urban School Challenge Awards |

| <mark>SchTown]</mark> [Proj#] | [School] [Project Title] | [Teacher] | | | | |
|----------------------------------|--|---|------------------------------------|----------------------|---|---------------------|
| Bridgeport | Bridgeport Regiona | I Aquaculture Center Kir | k Shadle | | | |
| 3102 | Engineering of a Second | oybean oil-based natural c | lothing dye | | | |
| Student(s) | Alana Reyes | | Grade 12 | Town | Trumbull | |
| * Life * Sta | e Science Awards w anley Black & Decke | ith support from Boehringe r Applied Technology Awa | er Ingelheim ards Senior H | Finalist ligh Fin | - Life Science Senior High - CSF M alist - Medallion | ledallion |
| Bridgeport | Bridgeport Regiona | I Aquaculture Center Kir | k Shadle | | | |
| 3134 | Acoustic Noise Pol | ution Affecting Reproducti | ion, Communica | tion, and | d Behavior of Brine Shrimp | |
| Student(s) | Anne Taylor | | Grade 12 | Town | Fairfield | |
| * Sta * En HS * Bus | anley Black & Decke vironmental Science S Finalist - CSF Med | r Applied Technology Awa s Awards with Connecticu allion rforming Arts Pair of T | ards Senior H It Association of | ligh Fin Conser | igh School Finalist - Medallion alist - Medallion vation and Inland Wetlands Commi ce - for top project involving techno | |
| Bridgeport | Geraldine Johnson | School Kelly Mulligan | | | | |
| 1009 | | ficial Intelligent generated | Text from Huma | ın Gene | rated Text? | |
| | Angelica Philoger | | Grade 8 | | bridgeport | |
| | Kee'maja Lilley | | Grade 8 | Town | Bridgeport | |
| Bridgeport | John Winthrop Sr | - | Middle Schoo | l Finalis | t - Medallion | |
| 4003 | The Pinwheel Prob | lem | Grade 8 | Tourn | Dridgen aut. OT | |
| Siudeni(s) | Fernando Marin Pandora Nguyen | | Grade 8 | | Bridgeport, CT Bridgeport, CT | |
| Μ | iddle School Finalis | - | - | - | neering Urban School Challenge A Finalist - Medallion | wards |
| Bristol St. I | Matthew School D | anielle Persichetti | | | | |
| 5004 | Which Drink Has th | e Most Electrolytes? | | | | |
| Student(s) | Lily Chou | | Grade 7 | Town | Bristol | |
| * Ro | | norial Awards Creative | | | iddle School Finalist - Medallion engineering, computer science or | |
| Bristol St. I | Matthew School D | anielle Persichetti | | | | |
| 2002 | Which Moisturizer | s Best? | | | | |
| Student(s) | Lauren Gillis | | Grade 7 | Town | Bristol | |
| * Pe _l * The | psico Engineering A ermo Fisher Scientif | wards 2nd Place- Eng ic Junior Innovators Challe | ineering MS- \$2 | 00 & tro | - Life Sciences 7th grade - CSF M phy compete in the Thermo Fisher Scie | |
| | r selected top MS w | | 1 | | | |
| | • | ool Jonathan Neuhause | | | rontly Expressed Canas and Diago | age of legaitrate |
| 6048 | Dehydrogenase M | utants | | | erently Expressed Genes and Diag | IUSIS UL ISUCITIATE |
| Student(s) | Shriya Jonnalaga | da | Grade 12 | Town | Brookfield | |
| * Pfiz | zer Computational E | liology and Bioinformatics | Awards Sen | ior High | Finalist - Medallion | |

| [SchTown] [Proj#] | [School] [Project Title] | [Teacher] | | | | |
|----------------------|--|---|----------------|----------|-----------------------|---|
| Cheshire C | Cheshire High School | Julie Barker | | | | |
| 6045 | A Torticollis Tilt Alerti | ng Device using MPU6050 |) Sensor, Vibr | ation mo | otor, and iOS and Ar | ndroid App Built Using Flutter |
| Student(s) | Suchita Srinivasan | | Grade 10 | Town | Cheshire | |
| * Ro m * Dre | bert Francoeur Memor athematics by female eams Unlimited Award | outer Science Awards ial Awards Creative or students - \$100 \$150 cash award and ney Lunch with a Pate | r innovative p | | | ter science or |
| Danbury S | aint Gregory the Great | School Christine Fahey | | | | |
| 5019 | The Fastest Way to S | olve a Rubik's Cube | | | | |
| Student(s) | Leonardo Lazzara | | Grade 7 | Town | Brookfield | |
| | nnecticut Science Fair | Association Physical Scie | nce Awards | 4th F | lace- Physical Scier | nces 7th Grade Ind |
| Danbury W | lestside Middle Schoo | Academy Nancy Barlow | V | | | |
| 1008 | Air Purifier that Effect | ively Removes Air Toxins | - PM 2.5 and | Formald | ehyde | |
| Student(s) | Arlis Arias-Paulino | | Grade 8 | Town | Danbury | |
| | Sivayazhini Sivasun | dar | Grade 8 | Town | Danbury | |
| | Kuhutan Roy | | Grade 8 | Town | Danbury | |
| * The 4t | h Place Middle School | with Connecticut Academy - Trophy, Medallion vards 4th Place Biotec | | - | - | ol Challenge Awards |
| Danbury W | lestside Middle Schoo | Academy Nancy Barlow | V | | | |
| 1025 | | t Types of Grass on Soil E | | _ | | |
| Student(s) | Sayam Dand | | Grade 8 | | Danbury | |
| | Kylie Capone | | Grade 8 | | Danbury | |
| | Ayme Calero | | Grade 8 | Town | danbury | |
| M | edallion | support from Boehringer I of Merit Award \$150 or | - | | | dle School Team - CSF n Geologic or historic value |
| Danbury W | estside Middle School | Academy Nancy Barlow | / | | | |
| 2518 | The Effect of Differen | t Substrates on the Growth | n of Mycelium | | | |
| Student(s) | Milana Lenz | | Grade 8 | Town | Danbury | |
| Зr | d Place Middle School | with Connecticut Academy - \$100 and Trophy, Meda vards Finalist - Biotech | llion | - | - | ol Challenge Awards |
| Danbury W | /estside Middle Schoo | Academy Nancy Barlow | / | | | |
| 4007 | | Different Distillation Metho | | nation | | |
| Student(s) | Siddanth Ramakrish | inan | Grade 7 | Town | Danbury | |
| | Patrick Madden | | Grade 7 | Town | Danbury | |
| | | Association Physical Scie | nce Awards | Final | ist - Physical Scienc | ces Jr Team - CSF |
| * The M | iddle School Finalist - | | | - | - | - |
| * Fre | | - U.S. Navy / U.S. Marine ice in Chemistry Awards - | | | | |

| [SchTown] | [School] [Teacher] | | | |
|---------------------------------------|---|---|--------------------|--|
| [Proj#] | [Project Title] | | | |
| - | estside Middle School Academy Nancy Barlow | | | |
| | Building a Versatile Air Sensor That Can Detect | | | |
| Student(s) | Sarvesh Ram Sankarnarayan | Grade 8 | | Danbury |
| | Gabrielle Anderson | Grade 8 | | Danbury |
| | Eleftherios Amperidis | Grade 8 | Town | Danbury, Ct |
| 2n * Env 3rc * ISA * The | Jackson Laboratory with Connecticut Academy d Place Middle School - \$200 and Trophy, Meda vironmental Sciences Awards with Connecticut A l Place MS- \$100, Trophy - International Society for Automation - Ct. Valle Community Foundation for Greater New Haven Urban Public School Environmental / Energy Av | Ilion ssociation of y Section Ecology, Env | Conser 2nd - \$ | vation and Inland Wetlands Commissions |
| | nnecticut Invention Convention "Next Step Invent 24 Invention Convention, June 8 | ors" Next | Step Ir | ventor Trophy & Invitation to compete at the |
| Danbury W | estside Middle School Academy Nancy Barlow | , | | |
| 1019 | The Effects of DIfferent Water Plants on Nitrate | Water Levels | | |
| Student(s) | Samantha Suda | Grade 8 | Town | danbury |
| | Sarah Pacheco | Grade 8 | Town | Danbury |
| | Chelsea Dodoo | Grade 8 | Town | danbury |
| | | | | |
| * Ale | xion Biotechnology Awards Finalist - Biotech | nology 8th gr | ade - C | SF Medallion |
| anbury W | estside Middle School Academy Nancy Barlow | | | |
| 1004 | How Does Temperature Affect How Bright Biolu | minescent Pla | ankton (| Glow? |
| Student(s) | Montana Urban | Grade 7 | Town | Danbury |
| | Sebastian Madera-Guridy | Grade 7 | Town | Danbury |
| | Erin George | Grade 7 | Town | Danbury |
| | Jackson Laboratory with Connecticut Academy iddle School Finalist - Medallion | of Science ar | nd Engi | neering Urban School Challenge Awards |
| Danbury W | estside Middle School Academy Nancy Barlow | , | | |
| - | How do Different Strength Magnets Affect a Pho | | n Sneer | 1 |
| · · · · · · · · · · · · · · · · · · · | Kylie Wilson | Grade 8 | | Danbury |
| 0100011(0) | Caleb Lopes | Grade 8 | | Danbury |
| | Carmelo McCollough | Grade 8 | | , |
| | | | TOWIT | Danbury |
| Μ | Jackson Laboratory with Connecticut Academy iddle School Finalist - Medallion nley Black & Decker Applied Technology Awards | | • | |
| Darien Dari | en High School Christine Leventhal | | | |
| | Simulating CMB temperature signal to analyze t | he effects of r | noise | |
| | Bo-Jun Qin | Grade 12 | | Darien |
| * Coi Me | nnecticut Science Fair Association Physical Science edallion nnecticut College-Physics, Astronomy, & Geophy | | Fina | list - Physical Sciences Senior High - CSF |
| Darien Dari | en High School Guy Pratt | | | |
| 6064 | An Investigation of Stone Reusual Construction Southwestern United States Based on Stone Le | | | the Anasazi Community From 800-1200 AD In |
| Student(s) | Evelyn Trudel | Grade 12 | | Darien |
| * Per * CT | osico Engineering Awards Finalist - Engineer Architecture Foundation - The William M. Mack, chitecture Foundation, William M. Mack, AIA Awa | AIA Award | - \$250 | Amazon Gift Ccard from the Connecticut |

2024 Regular Fair Awards

| [Proj#] | [School] [Project Title] | [Teacher] | | | |
|--|---|---|---|--|---|
| nfield Chi | iaravalle Academy | Tim Coleman | | | |
| 4022 | Using Solar to Ger | nerate Electricity. | | | |
| Student(s) | Keenan Cieslak | | Grade 8 | Town | Monson |
| | Beau Dugas | | Grade 8 | Town | Enfield |
| | Michael Bielansk | i | Grade 8 | Town | Enfield |
| * En | ergizeCT Alternativ | | wards 1st Pla | | e School - \$300 and Plaque, Medallion le School - \$300 Cash and Trophy |
| nfield Chi 1006 | iaravalle Academy Plants vs. Wildfires | | | | |
| Student(s) | Megan Quinby | | Grade 7 | Town | Windsor |
| | Arianna Plaz | | Grade 7 | Town | Suffield |
| | Antonina Borodii | | Grade 7 | Town | Enfield |
| * Ale | iaravalle Academy | Awards Finalist - Bio Timothy Coleman | | | |
| 1026 | | nt Types of Food Affect A | Chicks' Growth a | | |
| Student(s) | Zoha Shamsi | | Grade 7 | Town | Suffield |
| . , | | | | | |
| . , | Leah Caswell | | Grade 7 | Town | Enfield |
| ., | Leah Caswell Marin Czerwiec | | Grade 7 Grade 7 | | Enfield Agawam |
| * Life M * Ale * U.S airfield Fa 4021 | Marin Czerwiec e Science Awards w ledallion exion Biotechnology S. Agency for Intern airfield Woods Midd Automotive CO2 E | Awards 3rd Place Bi ational Development (US le School Michael Sgou missions Bio-Filtration St | Grade 7 ger Ingelheim otechnology 7th g AID) Certifica | Town Finalist grade - \$ ate and \$ | Agawam - Life Sciences Middle School Team - CSF 100 & trophy 25 gift card given by CSEF |
| * Life Mi * Ale * U.S airfield Fa 4021 | Marin Czerwiec e Science Awards w ledallion exion Biotechnology S. Agency for Intern airfield Woods Midd | Awards 3rd Place Bi ational Development (US le School Michael Sgou missions Bio-Filtration St | Grade 7 ger Ingelheim otechnology 7th g AID) Certifica | Town Finalist grade - \$ ate and \$ | Agawam - Life Sciences Middle School Team - CSF 100 & trophy |
| * Life M * Ale * U.S airfield Fa 4021 | Marin Czerwiec e Science Awards w ledallion exion Biotechnology S. Agency for Intern airfield Woods Midd Automotive CO2 E | Awards 3rd Place Bi ational Development (US le School Michael Sgou missions Bio-Filtration St | Grade 7 ger Ingelheim otechnology 7th g AID) Certifica Itas ystem | Town Finalist grade - \$ ate and \$ Town | Agawam - Life Sciences Middle School Team - CSF 100 & trophy 25 gift card given by CSEF |
| * Life Mi * Ale * U.S airfield Fa 4021 Student(s) * Co Mi | Marin Czerwiec e Science Awards w ledallion exion Biotechnology S. Agency for Intern airfield Woods Midd Automotive CO2 E Alexander Majew Parshwa Shah onnecticut Science F ledallion | r Awards 3rd Place Bi national Development (US le School Michael Sgou Emissions Bio-Filtration S ski | Grade 7 ger Ingelheim otechnology 7th g AID) Certifica Itas ystem Grade 7 Grade 7 Grade 7 Science Awards | Town Finalist grade - \$ ate and \$ Town Town Final | Agawam - Life Sciences Middle School Team - CSF 100 & trophy 25 gift card given by CSEF Fairfield Fairfield ist - Physical Sciences Jr Team - CSF |
| * Life Mi * Ale * U.S airfield Fa 4021 Student(s) * Co Mi * Pe | Marin Czerwiec e Science Awards w ledallion exion Biotechnology S. Agency for Intern airfield Woods Midd Automotive CO2 E Alexander Majew Parshwa Shah onnecticut Science F ledallion epsico Engineering A | Awards 3rd Place Bi ational Development (US le School Michael Sgou missions Bio-Filtration S ski Fair Association Physical Awards 3rd Place- En School Alexandra Rayn | Grade 7 ger Ingelheim otechnology 7th g AID) Certifica ttas /stem Grade 7 Grade 7 Science Awards gineering MS \$10 | Town Finalist grade - \$ ate and \$ Town Town Final 00 & trop | Agawam - Life Sciences Middle School Team - CSF 100 & trophy 25 gift card given by CSEF Fairfield Fairfield ist - Physical Sciences Jr Team - CSF hy |
| * Life Mi * Ale * U.S fairfield Fa 4021 Student(s) * Co Mi * Co Mi * Pe | Marin Czerwiec e Science Awards w ledallion exion Biotechnology S. Agency for Intern airfield Woods Midd Automotive CO2 E Alexander Majew Parshwa Shah onnecticut Science F ledallion epsico Engineering A | Awards 3rd Place Bi ational Development (US le School Michael Sgou missions Bio-Filtration S ski Fair Association Physical Awards 3rd Place- En | Grade 7 ger Ingelheim otechnology 7th g AID) Certifica ttas /stem Grade 7 Grade 7 Science Awards gineering MS \$10 | Town Finalist grade - \$ ate and \$ Town Town Final 00 & trop | Agawam - Life Sciences Middle School Team - CSF 100 & trophy 25 gift card given by CSEF Fairfield Fairfield ist - Physical Sciences Jr Team - CSF hy |

* Institute of Food Technologists, Nutmeg Section --- \$150 award + invitation to Awards Night Dinner with guest

| [SchTown] [Proj#] | [School] [Project Title] | [Teacher] | | | | |
|---------------------------------------|--|--|--|-----------------------------------|---|----------------------|
| Farmington | Farmington High Sc | hool Alexandra Ra | ymunt | | | |
| 6068 | Origami-Inspired Pa | per-Based Multiplex [| Device for Water Co | ontamina | tion Monitoring | |
| Student(s) | Jiayi Liu | | Grade 11 | Town | Farmington | |
| Me * ISA | edallion \ - International Socie | ety for Automation - C | t. Valley Section | - 1st - \$ | ist - Physical Sciences Senior Hi 125 award d and membership for student a | - |
| SE * Aqı | ENEME - 1st Place So Jarion Water Compai | enior | . , | | ence in Water Quality or Environ | |
| * Un | anagement versity of New Haver ar) for exemplary 11 | n Scholarship Awards th grade project | University of N | lew Have | en 4 year scholarship - \$96,000 (| (\$24,000 per |
| Farmington | Farmington High Sc | hool Xiaodi Wang | | | | |
| 3100 | Optimizing the LSTN | I Deep Learning Mod | el for Arctic Sea Ice | e Melting | Prediction | |
| Student(s) | Victoria Pegkou Ch | nristofi | Grade 12 | Town | Unionville | |
| * Life * M& | Science Awards wit T Bank Mathematics | h support from Boehr Awards 2nd Plac | inger Ingelheim ce High School- \$30 | Finalist 00 and P | - Life Science Senior High - CSF laque | - Medallion |
| Farmington | Miss Porter's Schoo | Ol Christine Scanlon | | | | |
| 3105 | Testing Prevalence Connecticut Environ | | to Tetracycline, Su | fametho | xazole, and Chloramphenicol An | tibiotics in Hotspot |
| Student(s) | Sophia Pidvysotsk | i | Grade 12 | Town | Hartford | |
| | | | | | - Life Science Senior High - CSF nd Place High School \$300 / plac | |
| Glastonbury | Glastonbury High S | School Diane Pinta | /alle | | | |
| 6023 | ROLE OF GRAVITY ELECTROLYZERS | IN OXYGEN GAS R | EMOVAL IN POLY | MER EL | ECTROLYTE MEMBRANE WAT | ĒR |
| Student(s) | James Hall | | Grade 11 | Town | Glastonbury | |
| * Ene | ergizeCT Alternative | & Renewable Energy | Awards High S | School Fi | nalist - Medallion | - |
| Glastonbury | Glastonbury High S | School Diane Pinta | /alle | | | |
| 3066 | Proteomic Analysis | of Autism-Associated | Variants in Human | ASPM C | dene | |
| Student(s) | Presthika Vijaykum | nar | Grade 11 | Town | Glastonbury | |
| | | h support from Boehr wards Finalist - E | | | - Life Science Senior High - CSF CSF Medallion | - Medallion |
| Greenwich | Brunswick School | Dana Montanez | | | | |
| 6015 | | | f Reaction Wheels | as an in- | flight Steering Mechanism for Ro | ockets |
| · · · · · · · · · · · · · · · · · · · | Thomas Armstrong | - | Grade 11 | | Greenwich | |
| * Yal * U.S * Am * Ast | e Science & Enginee S. Air Force Cert erican Institute of Ae ronomical Society of | ificate & USAF Merch ronautics & Astronau | 1 Certificate, N landise Package tics - Connecticut S le Charles Hammor | ledallion ection - nd Award | and 1- \$25 gift card given by C \$200 award, certificate I for Excellence in Astronomy | |

| 6522 Student(s) * Cor Me * Var | Thomas Carney Pierce Crosby Inecticut Science Fa Idallion Iderbilt Chemicals, L prication - International Socie | roidal Propellers or ir Association Phys LC \$150 Vando | | Town Town Final | pellers New Canaan Greenwich ist - Physical Sciences Senior Team - CSF |
|--|---|---|---|-----------------------|---|
| Student(s) * Cor Me * Var | Thomas Carney Pierce Crosby Inecticut Science Fa Idallion Iderbilt Chemicals, L prication - International Socie | ir Association Phys LC \$150 Vande | Grade 10 Grade 10 ical Science Awards | Town Town Final | New Canaan Greenwich |
| * Cor Me * Var | Pierce Crosby Inecticut Science Fa Idallion Iderbilt Chemicals, L prication - International Socie | LC \$150 Vando | Grade 10 | Town Final | Greenwich |
| * Cor Me * Var | necticut Science Fa dallion derbilt Chemicals, L prication - International Socie | LC \$150 Vando | ical Science Awards | Final | |
| Me * Var | dallion derbilt Chemicals, L prication - International Socie | LC \$150 Vando | | | ist - Physical Sciences Senior Team - CSF |
| * ISA | | | Ct. Valley Section | | cellence in Tribology and Sustainable |
| Greenwich | Brunswick School | Dana Montanez | | | |
| 6003 | Removal of Aquatic | Micro Pollutants Us | sing Functionalized Na | nopartic | cles of Iron-Oxide |
| Student(s) | | | Grade 11 | | Mahopac |
| | ironmental Sciences Finalist - CSF Meda | | ecticut Association of | Conserv | vation and Inland Wetlands Commissions |
| Greenwich | Brunswick School | Dana Montanez | | | |
| | Chlorophyll's Reflec | tion of Infrared Ligh | t as a Method to Dete | rmine O | verall Health of Phaseolus vulgaris and Solanum |
| | Max Lanson | | Grade 10 | Town | New Canaan |
| * Life * Pep | Science Awards wir sico Engineering Av | h support from Boe vards Finalist - | hringer Ingelheim Engineering High Sch | Finalist ool - CS | - Life Science Senior High - CSF Medallion F Medallion |
| | Brunswick School | | | | |
| | · · · · · · · · · · · · · · · · · · · | n Acidification on P | | | monas salina and Amphidinium |
| Student(s) | | | Grade 11 | | Greenwich |
| | Ryan Ahn | | Grade 11 | Town | White Plains |
| HS | Finalist - CSF Meda | llion | ecticut Association of High School Finalis | | vation and Inland Wetlands Commissions |
| Greenwich | Brunswick School | Dana Montanez | | | |
| 6516 | Water Testing with | Ease: Creation of a | handheld device for W | /ater An | alysis in Recently Flooded Areas. |
| Student(s) | William Pallone | | Grade 10 | Town | Rye |
| | Townsend Bancro | ft | Grade 10 | Town | Greenwich |
| * Aqu | | | High School Finalis 0 Cash - Grade 9-12 F | | allion Illence in Water Quality or Evironmental |
| Greenwich | Brunswick School | Dana Montanez | | | |
| 3501 | Developing an Orga | nic Microbial Soluti | on for the Plastic Accu | mulatio | n Problem in Water Sources |
| Student(s) | Gabriel Trahanas | | Grade 11 | Town | Riverside |
| | Oliver Velasco | | Grade 11 | Town | Greenwich |
| (sp | lit) & Plaque | | hringer Ingelheim | | ce- Life Sciences Senior High Team- \$300 |

| [Proj#] | [School] [Project Title] | [Teacher] | |
|---|---|---|-------|
| Greenwich | Central Middle Sch | ool Andrew Bramante | |
| 5514 | The Synergistic Im | provement of Indoor Air HEPA-Filtration using Concurrent Dehumidification | |
| Student(s) | Mikah Kaalund | Grade 8 Town Greenwich | |
| | nnecticut Science F trophy | air Association Physical Science Awards 1st Place- Physical Sciences 8th Grade Ind \$3 | 00 |
| \$5 * Ale | 500 and invite to CS exion Biotechnology | Awards 1st Place Biotechnology 8th grade - \$300 & trophy | |
| fo | r selected top MS w | ic Junior Innovators Challenge Nomination to compete in the Thermo Fisher Scientific JIC inners jineers - Hartford Section Scientific Calculator |) |
| | | ool Andrew Bramante | |
| 2507 | | d County Fresh-water and Estuary Waterways, to Highlight Contamination of their | |
| Student(s) | Briar Lissauer | Grade 8 Town Greenwich | |
| * En | vironmental Science | es Awards with Connecticut Association of Conservation and Inland Wetlands Commissions | |
| | S Finalist - CSF Med | | |
| | | stainability Awards 3rd Place Middle School - \$100 Cash and Trophy | |
| | utheastern New Eng ENEME - 1st Place | gland Marine Educators (SENEME) \$100 award and membership for student and teacher Junior | in |
| Greenwich | Central Middle Sch | ool Andrew Bramante | |
| 2516 | Development of a | Simple Salivary Rapid Diagnostic for the Detection of Iodine Deficiencies | |
| Student(s) | Tyler Malkin | Grade 8 Town Greenwich | |
| * Co ar * Th | nnecticut Science T nd invite to CSTA A | ic Junior Innovators Challenge Nomination to compete in the Thermo Fisher Scientific JIC | |
| areenwich | Central Middle Sch | ool Andrew Bramante | |
| EEQ 1 | | | |
| 5504 | Simple Filtration of | Fertilizer-ion Water Contaminants via Implementation of Phosphate and Nitrate Absorbency F | Pads |
| | Simple Filtration of Caroline Stowe | Fertilizer-ion Water Contaminants via Implementation of Phosphate and Nitrate Absorbency F Grade 8 Town Greenwich | Pads |
| Student(s) * Co | Caroline Stowe | | Pads |
| Student(s) * Co \$2 * Th fo | Caroline Stowe nnecticut Science F 200 & trophy ermo Fisher Scienti r selected top MS w | Grade 8 Town Greenwich air Association Physical Science Awards 2nd Place- Physical Sciences 8th Grade Ind ic Junior Innovators Challenge Nomination to compete in the Thermo Fisher Scientific JIC inners | |
| Student(s) * Co \$2 * Th fo * Aq | Caroline Stowe nnecticut Science F 200 & trophy ermo Fisher Scienti r selected top MS w | Grade 8 Town Greenwich air Association Physical Science Awards 2nd Place- Physical Sciences 8th Grade Ind ic Junior Innovators Challenge Nomination to compete in the Thermo Fisher Scientific JIC | |
| Student(s) * Co \$2 * Th fo * Aq M | Caroline Stowe nnecticut Science F 200 & trophy ermo Fisher Scienti r selected top MS w uarion Water Comp anagement Eastern Middle Scl | Grade 8 Town Greenwich air Association Physical Science Awards 2nd Place- Physical Sciences 8th Grade Ind ic Junior Innovators Challenge Nomination to compete in the Thermo Fisher Scientific JIC inners any 3rd. \$50.00 Cash - Grade 7-8 For Excellence in Water Quality or Environmental | |
| Student(s) * Co \$2 * Th fo * Aq M Sreenwich 2501 | Caroline Stowe nnecticut Science F 200 & trophy ermo Fisher Scienti r selected top MS w uarion Water Comp anagement Eastern Middle Scl Design of a Smart | Grade 8 Town Greenwich air Association Physical Science Awards 2nd Place- Physical Sciences 8th Grade Ind ic Junior Innovators Challenge Nomination to compete in the Thermo Fisher Scientific JIC inners any 3rd. \$50.00 Cash - Grade 7-8 For Excellence in Water Quality or Environmental nool Andrew Bramante Bandage to provide lasting Itch-Relief and Healing for an Insect Bite. | |
| Student(s) * Co \$2 * Th fo * Aq M Creenwich 2501 | Caroline Stowe nnecticut Science F 200 & trophy ermo Fisher Scienti r selected top MS w uarion Water Comp anagement Eastern Middle Scl | Grade 8 Town Greenwich air Association Physical Science Awards 2nd Place- Physical Sciences 8th Grade Ind ic Junior Innovators Challenge Nomination to compete in the Thermo Fisher Scientific JIC inners any 3rd. \$50.00 Cash - Grade 7-8 For Excellence in Water Quality or Environmental | |
| Student(s) * Co \$2 * Thi fo * Aq M Creenwich 2501 Student(s) * Life * Sta * Ale | Caroline Stowe nnecticut Science F 200 & trophy ermo Fisher Scienti r selected top MS w uarion Water Comp anagement Eastern Middle Scl Design of a Smart- Lily Bittman e Science Awards w anley Black & Decke | Grade 8 Town Greenwich air Association Physical Science Awards 2nd Place- Physical Sciences 8th Grade Ind ic Junior Innovators Challenge Nomination to compete in the Thermo Fisher Scientific JIC inners any 3rd. \$50.00 Cash - Grade 7-8 For Excellence in Water Quality or Environmental nool Andrew Bramante Bandage to provide lasting Itch-Relief and Healing for an Insect Bite. |) |
| Student(s) * Co \$2 * Th fo * Aq M Creenwich 2501 Student(s) * Life * Sta * Ale * Co | Caroline Stowe nnecticut Science F 200 & trophy ermo Fisher Scienti r selected top MS w uarion Water Comp anagement Eastern Middle Scl Design of a Smart- Lily Bittman e Science Awards w anley Black & Decke exion Biotechnology nnecticut Science S | Grade 8 Town Greenwich air Association Physical Science Awards 2nd Place- Physical Sciences 8th Grade Ind ic Junior Innovators Challenge Nomination to compete in the Thermo Fisher Scientific JIC inners any 3rd. \$50.00 Cash - Grade 7-8 For Excellence in Water Quality or Environmental nool Andrew Bramante Bandage to provide lasting Itch-Relief and Healing for an Insect Bite. Grade 8 Town Greenwich ith support from Boehringer Ingelheim 2nd Place- Life Sciences 8th grade- \$200 & trophy ar Applied Technology Awards Awards Awards |) |
| Student(s) * Co \$2 * Th fo * Aq M Creenwich 2501 Student(s) * Life * Sta * Ale * Co | Caroline Stowe nnecticut Science F 200 & trophy ermo Fisher Scienti r selected top MS w uarion Water Comp anagement Eastern Middle Scl Design of a Smart- Lily Bittman e Science Awards w anley Black & Decke exion Biotechnology nnecticut Science Sc | Grade 8 Town Greenwich air Association Physical Science Awards 2nd Place- Physical Sciences 8th Grade Ind ic Junior Innovators Challenge Nomination to compete in the Thermo Fisher Scientific JIC inners any 3rd. \$50.00 Cash - Grade 7-8 For Excellence in Water Quality or Environmental nool Andrew Bramante Bandage to provide lasting Itch-Relief and Healing for an Insect Bite. Grade 8 Town Greenwich ith support from Boehringer Ingelheim Awards 3rd Place Middle School - \$100 and Plaque, Medallion Awards Andrew Bramante |) |
| Student(s) * Co \$2 * Thi fo * Aq M Creenwich 2501 Student(s) * Life * Sta * Ale * Co Creenwich 2506 Student(s) | Caroline Stowe nnecticut Science F 200 & trophy ermo Fisher Scienti r selected top MS w uarion Water Comp anagement Eastern Middle Scl Design of a Smart- Lily Bittman e Science Awards w anley Black & Decke exion Biotechnology nnecticut Science S Eastern Middle Scl Natural remedies r Arthur Lai | Grade 8 Town Greenwich air Association Physical Science Awards 2nd Place- Physical Sciences 8th Grade Ind ic Junior Innovators Challenge Nomination to compete in the Thermo Fisher Scientific JIC inners any 3rd. \$50.00 Cash - Grade 7-8 For Excellence in Water Quality or Environmental nool Andrew Bramante Bandage to provide lasting Itch-Relief and Healing for an Insect Bite. Grade 8 Town Greenwich ith support from Boehringer Ingelheim 2nd Place- Life Sciences 8th grade- \$200 & trophy wards 3rd Place Middle School - \$100 and Plaque, Medallion Awards 2nd Place Biotechnology 8th grade - \$200 & trophy upervisors Association |) |

| [Proj#] | [School] [Project Title] | [Teacher] | | |
|--|--|---|--|--|
| | Eastern Middle Schoo | | | |
| 2512 Student(s) | Emotionless Negotiate | or Droid | Grade 8 | Town Riverside |
| * Sta | nley Black & Decker A | pplied Technology Awa | ards Middle | Finalist - Life Sciences 8th grade - CSF Medallion School Finalist - Medallion ddle School - \$200, Trophy |
| 5502 | Eastern Middle Schoo Shedding Light on the Mackensey Wilson | | Butylated Hydr Grade 8 | oxytoluene Preservative in Artificially Formulated Dog Foods. Town Old Greenwich |
| * Ale * The for | xion Biotechnology Aw ermo Fisher Scientific selected top MS winn | | technology 8th enge Nomin | |
| Greenwich | Greenwich Country Da | ay School Nathan Ha | ag | |
| 3024 | Effects of Temperatur davidi, Cherry Shrimp | | Survival Rate, a | nd Breeding Rate of Multiple Generations of Neocaradina |
| Student(s) | Michael Capek | | Grade 12 | Town Rye |
| * Life | Science Awards with | support from Boehring | er Ingelheim | Finalist - Life Science Senior High - CSF Medallion |
| Student(s) | Isaac Bell | Iulti-Objective Genetic uter Science Awards | Grade 10 | timize Resource Allocation in Disease Prevention Town Riverside Finalist - Medallion |
| | | The Otero Family Award | | |
| Greenwich | Greenwich High Scho | ol Andrew Bramante | | |
| 3025 | 0 | | | |
| | Sonic Repulsion of Pu | | - | on of Nascent Nereocystis luetkeana Forests |
| Student(s) * Env 2nv * Pro * GE * Uni | Sonic Repulsion of PL Owen Benison vironmental Sciences A d Place HS- \$300, Plaque ject Oceanology II NIUS Olympiad G | Irple Sea Urchins to Re Awards with Connecticu e ndividual - 1 Ocean Car ENIUS Olympiad Comp Scholarship Awards | Grade 11 It Association of mp slot + T-Shir petition for HS E | on of Nascent Nereocystis luetkeana Forests Town riverside ⁷ Conservation and Inland Wetlands Commissions t & cap (swag), First Place 8, 9, 10 grader nvironmental, Energy, Ecology, or Biodiversity Project New Haven 4 year scholarship - \$96,000 (\$24,000 per |
| Student(s) * Env 2nv * Pro * GE * Uni ye | Sonic Repulsion of Pu Owen Benison vironmental Sciences A d Place HS- \$300, Plaque ject Oceanology In NIUS Olympiad G versity of New Haven ar) for exemplary 11th | Irple Sea Urchins to Re Awards with Connecticu e ndividual - 1 Ocean Car ENIUS Olympiad Comp Scholarship Awards | Grade 11 It Association of mp slot + T-Shir petition for HS E | Town riverside Conservation and Inland Wetlands Commissions t & cap (swag), First Place 8, 9, 10 grader nvironmental, Energy, Ecology, or Biodiversity Project |
| Student(s) * Env 2nv * Pro * GE * Uni ye | Sonic Repulsion of Pu Owen Benison //ironmental Sciences A d Place HS- \$300, Plaque ject Oceanology In NIUS Olympiad G versity of New Haven ar) for exemplary 11th Greenwich High Scho | Awards with Connecticue andividual - 1 Ocean Cau ENIUS Olympiad Comp Scholarship Awards o grade project | Grade 11 It Association of mp slot + T-Shir petition for HS E • University of N | Town riverside Conservation and Inland Wetlands Commissions t & cap (swag), First Place 8, 9, 10 grader nvironmental, Energy, Ecology, or Biodiversity Project |
| Student(s) * Env 2nv * Pro * GE * Uni ye Greenwich 6081 | Sonic Repulsion of Pu Owen Benison //ironmental Sciences A d Place HS- \$300, Plaque ject Oceanology In NIUS Olympiad G versity of New Haven ar) for exemplary 11th Greenwich High Scho | Awards with Connecticue andividual - 1 Ocean Cau ENIUS Olympiad Comp Scholarship Awards o grade project | Grade 11 It Association of mp slot + T-Shir petition for HS E • University of N | Town riverside Conservation and Inland Wetlands Commissions t & cap (swag), First Place 8, 9, 10 grader nvironmental, Energy, Ecology, or Biodiversity Project New Haven 4 year scholarship - \$96,000 (\$24,000 per |
| Student(s) * Env 2n * Pro * GE * Uni ye Greenwich 6081 Student(s) * Env HS | Sonic Repulsion of Pu Owen Benison Vironmental Sciences A d Place HS- \$300, Plaque ject Oceanology In NIUS Olympiad G versity of New Haven ar) for exemplary 11th Greenwich High Scho Genetic Engineering of Justin Bernstein Vironmental Sciences A 5 Finalist - CSF Medalli | Awards with Connecticue andividual - 1 Ocean Car ENIUS Olympiad Comp Scholarship Awards or grade project ol Andrew Bramante of Cryobacterium to Inco | Grade 11 It Association of mp slot + T-Shir betition for HS E University of N rease Silica Cor Grade 11 It Association of | Town riverside Conservation and Inland Wetlands Commissions t & cap (swag), First Place 8, 9, 10 grader nvironmental, Energy, Ecology, or Biodiversity Project New Haven 4 year scholarship - \$96,000 (\$24,000 per Intent and Enhance the Glacial Albedo of Black Arctic Oceans Town Greenwich Conservation and Inland Wetlands Commissions |
| Student(s) * Env 2n * Pro * GE * Uni ye Greenwich 6081 Student(s) * Env HS * NA | Sonic Repulsion of Pu Owen Benison Vironmental Sciences A d Place HS- \$300, Plaqui ject Oceanology In NIUS Olympiad G versity of New Haven ar) for exemplary 11th Greenwich High Scho Genetic Engineering of Justin Bernstein Vironmental Sciences A 5 Finalist - CSF Medalli SA EARTH System Sciences | Awards with Connecticue andividual - 1 Ocean Car ENIUS Olympiad Comp Scholarship Awards or grade project ol Andrew Bramante of Cryobacterium to Inco Awards with Connecticu | Grade 11 It Association of mp slot + T-Shir betition for HS E University of N rease Silica Cor Grade 11 It Association of | Town riverside Conservation and Inland Wetlands Commissions t & cap (swag), First Place 8, 9, 10 grader nvironmental, Energy, Ecology, or Biodiversity Project New Haven 4 year scholarship - \$96,000 (\$24,000 per Intent and Enhance the Glacial Albedo of Black Arctic Oceans Town Greenwich Conservation and Inland Wetlands Commissions |
| Student(s) * Env 2n * Pro * GE * Uni ye Greenwich 6081 Student(s) * Env HS * NA Greenwich 3142 | Sonic Repulsion of Pu Owen Benison //ironmental Sciences // d Place HS- \$300, Plaque ject Oceanology In NIUS Olympiad G versity of New Haven ar) for exemplary 11th Greenwich High Scho Genetic Engineering of Justin Bernstein //ironmental Sciences // S Finalist - CSF Medalli SA EARTH System Sc Greenwich High Scho Development of Non- | Awards with Connecticue andividual - 1 Ocean Car ENIUS Olympiad Comp Scholarship Awards of grade project of Andrew Bramante of Cryobacterium to Inco Awards with Connecticu on sience Award Certif | Grade 11 It Association of mp slot + T-Shir betition for HS E University of N rease Silica Cor Grade 11 It Association of icate and \$25 gi ol for Lipedema | Town riverside Conservation and Inland Wetlands Commissions t & cap (swag), First Place 8, 9, 10 grader nvironmental, Energy, Ecology, or Biodiversity Project New Haven 4 year scholarship - \$96,000 (\$24,000 per ntent and Enhance the Glacial Albedo of Black Arctic Oceans Town Greenwich Conservation and Inland Wetlands Commissions ift card given by CSEF Using Colorimetric Analysis of Skin Reflectance |
| Student(s) * Env 2n * Pro * GE * Uni ye Greenwich 6081 Student(s) * Env HS * NA Greenwich 3142 | Sonic Repulsion of Pu Owen Benison Vironmental Sciences A d Place HS- \$300, Plaque ject Oceanology In NIUS Olympiad G versity of New Haven ar) for exemplary 11th Greenwich High Scho Genetic Engineering of Justin Bernstein Vironmental Sciences A Finalist - CSF Medalli SA EARTH System Sco Greenwich High Scho | Awards with Connecticue andividual - 1 Ocean Car ENIUS Olympiad Comp Scholarship Awards of grade project of Andrew Bramante of Cryobacterium to Inco Awards with Connecticu on sience Award Certif | Grade 11 It Association of mp slot + T-Shir betition for HS E University of N rease Silica Cor Grade 11 It Association of icate and \$25 gi | Town riverside Conservation and Inland Wetlands Commissions t & cap (swag), First Place 8, 9, 10 grader nvironmental, Energy, Ecology, or Biodiversity Project New Haven 4 year scholarship - \$96,000 (\$24,000 per Intent and Enhance the Glacial Albedo of Black Arctic Oceans Town Greenwich Conservation and Inland Wetlands Commissions ift card given by CSEF |

| [SchTown] [Proj#] | [School] [Project Title] | [Teacher] | | | | |
|---|---|--|--|---|--|--|
| | Greenwich High Sch | ool Androw Bram | anto | | | |
| 3071 | Fabrication of a Euro | | | | ion of D. Sorino in Ea | rly anast Alzhaimara |
| | Ava Jackson | plum-based magne | Grade 11 | | Old Greenwich | ing-onset Alzheimers |
| * Life * Ale * U.S | | wards Finalist - Certificate & \$2 | nringer Ingelheim Biotechnology Senic 5 gift card given by C | 2nd Pla r High - SEF | ce- Life Sciences Ser CSF Medallion | nior High- \$300 & Plaque |
| reenwich | Greenwich High Sch | ool Andrew Bram | ante | | | |
| 6058 | Detection of Nanopla | | | Food B | esource Matrices via | Machine Learning |
| Student(s) | | | Grade 10 | | Greenwich | |
| | | | | | | |
| Ме * Реј * Аqі | nnecticut Science Fai edallion psico Engineering Aw uarion Water Compar anagement | vards Finalist - E | Engineering High Sch | ool - CS | F Medallion | - |
| | Greenwich High Sch | ool Androw Brom | anto | | | |
| 3055 | • | | | lood-Bra | in Barrier Transport | Through a Novel Machine |
| Student(s) | Ashley Malkin | | Grade 11 | Town | Greenwich | |
| | | - \$1,000, Solia Silv | er Medal of Excellenc | e, invite | to CASE Annual Mito | |
| * Ale | exion Biotechnology A Greenwich High Sch | wards 4th Place | e Biotechnology Sen ante | ior High | | |
| * Ale Areenwich | exion Biotechnology A Greenwich High Sch Rapid Detection of S | wards 4th Place | e Biotechnology Sen ante | ior High ly Imprin | - plaque | |
| * Ale Greenwich 3009 Student(s) * Life | exion Biotechnology A Greenwich High Sch Rapid Detection of S Ryan Wadhwa | wards 4th Place ool Andrew Brama tress Biomarker Co h support from Boel | e Biotechnology Sen ante rtisol via a Molecular Grade 10 nringer Ingelheim | ior High ly Imprin Town Finalist | - plaque ted Polypyrrole Sens Riverside - Life Science Senior | |
| * Ale Greenwich 3009 Student(s) * Life * Ale | exion Biotechnology A Greenwich High Sch Rapid Detection of S Ryan Wadhwa Science Awards with exion Biotechnology A | wards 4th Place ool Andrew Brama stress Biomarker Co n support from Boeł wards Finalist - | e Biotechnology Sen ante rtisol via a Molecular Grade 10 nringer Ingelheim Biotechnology Senic | ior High ly Imprin Town Finalist | - plaque ted Polypyrrole Sens Riverside - Life Science Senior | or |
| * Ale Greenwich 3009 Student(s) * Life * Ale | exion Biotechnology A Greenwich High Sch Rapid Detection of S Ryan Wadhwa e Science Awards with exion Biotechnology A Greenwich High Sch | wards 4th Place ool Andrew Brame tress Biomarker Co h support from Boeł wards Finalist - ool Andrew Brame | e Biotechnology Sen ante rtisol via a Molecular Grade 10 nringer Ingelheim Biotechnology Senic | ior High ly Imprin Town Finalist r High - | - plaque ted Polypyrrole Sens Riverside - Life Science Senior CSF Medallion | or |
| * Ale Greenwich 3009 Student(s) * Life * Ale Greenwich 3020 | exion Biotechnology A Greenwich High Sch Rapid Detection of S Ryan Wadhwa e Science Awards with exion Biotechnology A Greenwich High Sch Oral Delivery of Antie | wards 4th Place ool Andrew Brame tress Biomarker Co h support from Boeł wards Finalist - ool Andrew Brame | e Biotechnology Sen ante rtisol via a Molecular Grade 10 nringer Ingelheim Biotechnology Senic | ior High ly Imprin Town Finalist or High - or Encap | - plaque ted Polypyrrole Sens Riverside - Life Science Senior CSF Medallion | or High - CSF Medallion |
| * Ale areenwich 3009 Student(s) * Life * Ale areenwich 3020 Student(s) * Life * Ale | exion Biotechnology A Greenwich High Sch Rapid Detection of S Ryan Wadhwa Science Awards with exion Biotechnology A Greenwich High Sch Oral Delivery of Antie Stroke Treatment Lula Wang | wards 4th Place ool Andrew Brama stress Biomarker Co h support from Boek wards Finalist - ool Andrew Brama coagulant Dabigatra h support from Boek wards 1st Place | e Biotechnology Sen ante rtisol via a Molecular Grade 10 nringer Ingelheim Biotechnology Senic ante an via a Mg-Micromot Grade 9 nringer Ingelheim e Biotechnology Seni | ior High y Imprin Town Finalist r High - or Encap Town Finalist or High - | - plaque ted Polypyrrole Sens Riverside - Life Science Senior CSF Medallion - sulant Within a Gast Old Greenwich - Life Science Senior | or High - CSF Medallion |
| * Ale areenwich 3009 Student(s) * Life * Ale areenwich 3020 Student(s) * Life * Ale * Ale * Ree | exion Biotechnology A Greenwich High Sch Rapid Detection of S Ryan Wadhwa e Science Awards with exion Biotechnology A Greenwich High Sch Oral Delivery of Antie Stroke Treatment Lula Wang e Science Awards with exion Biotechnology A | wards 4th Place ool Andrew Brama stress Biomarker Co h support from Boek wards Finalist - ool Andrew Brama coagulant Dabigatra h support from Boek wards 1st Place Science Award | e Biotechnology Sen ante rtisol via a Molecular Grade 10 nringer Ingelheim Biotechnology Senic ante an via a Mg-Micromot Grade 9 nringer Ingelheim e Biotechnology Seni Certificate & \$375.00 | ior High y Imprin Town Finalist r High - or Encap Town Finalist or High - | - plaque ted Polypyrrole Sens Riverside - Life Science Senior CSF Medallion - sulant Within a Gast Old Greenwich - Life Science Senior | or High - CSF Medallion ric-Resistant Tablet for Ische |
| * Ale Greenwich 3009 Student(s) * Life * Ale Greenwich 3020 Student(s) * Life * Ale * Ale * Ree | A Greenwich High Sch Rapid Detection of S Ryan Wadhwa Science Awards with Science Awards with A Greenwich High Sch Oral Delivery of Antie Stroke Treatment Lula Wang Science Awards with Science Awards with Strone Biotechnology A Greenwich High Sch | wards 4th Place ool Andrew Brama itress Biomarker Co h support from Boek wards Finalist - ool Andrew Brama coagulant Dabigatra h support from Boek wards 1st Place Science Award 0 | e Biotechnology Sen ante rtisol via a Molecular Grade 10 nringer Ingelheim Biotechnology Senic ante an via a Mg-Micromot Grade 9 nringer Ingelheim e Biotechnology Seni Certificate & \$375.00 ante | y Imprin Town Finalist or Encap Town Finalist or High - | - plaque ted Polypyrrole Sens Riverside - Life Science Senior CSF Medallion - sulant Within a Gast Old Greenwich - Life Science Senior \$500 & plaque | or High - CSF Medallion ric-Resistant Tablet for Ische |
| * Ale Greenwich 3009 Student(s) * Life * Ale Greenwich 3020 Student(s) * Life * Ale * Ale * Rep Greenwich 6019 | exion Biotechnology A Greenwich High Sch Rapid Detection of S Ryan Wadhwa e Science Awards with exion Biotechnology A Greenwich High Sch Oral Delivery of Antie Stroke Treatment Lula Wang e Science Awards with exion Biotechnology A generon Biomedical S Greenwich High Sch Reinforcement Learn | wards 4th Place ool Andrew Brama itress Biomarker Co h support from Boek wards Finalist - ool Andrew Brama coagulant Dabigatra h support from Boek wards 1st Place Science Award 0 | e Biotechnology Sen ante rtisol via a Molecular Grade 10 nringer Ingelheim Biotechnology Senic ante an via a Mg-Micromot Grade 9 nringer Ingelheim e Biotechnology Seni Certificate & \$375.00 ante | y Imprin Town Finalist or Encap Town Finalist or High - Cash | - plaque ted Polypyrrole Sens Riverside - Life Science Senior CSF Medallion - sulant Within a Gast Old Greenwich - Life Science Senior \$500 & plaque | or High - CSF Medallion ric-Resistant Tablet for Ische High - CSF Medallion |
| * Ale Sreenwich 3009 Student(s) * Life * Ale Sreenwich 3020 Student(s) * Life * Ale * Ree Sreenwich 6019 Student(s) * M& * Info * Soo * M& * M& * Soo * M& | A Greenwich High Sch Rapid Detection of S Ryan Wadhwa Science Awards with Science Awards with Stroke Treatment Lula Wang Science Awards with Stroke Treatment Stroke Treatment Stroke Treatment Lula Wang Science Awards with Stroke Treatment Lula Wang Science Awards with Stroke Treatment Lula Wang Science Awards with Stroke Treatment Stroke Treatment Lula Wang Science Awards with Stroke Treatment Science Awards with Stroke Treatment Lula Wang Science Awards with Stroke Treatment Lula Wang Science Awards with Stroke Treatment Science Awards with Stroke Treatment Science Awards with Science | wards 4th Place ool Andrew Brama itress Biomarker Co h support from Boek wards Finalist - ool Andrew Brama coagulant Dabigatra h support from Boek wards 1st Place Science Award o ool Andrew Brama hing Optimization of Awards 3rd Pla puter Science Award heers - Hartford Sec | e Biotechnology Sen ante rtisol via a Molecular Grade 10 nringer Ingelheim Biotechnology Senic ante an via a Mg-Micromot Grade 9 nringer Ingelheim e Biotechnology Seni Certificate & \$375.00 ante Placement of Public Grade 10 ace High School - \$20 rds 3rd Place Hig tion Scientific Ca | y Imprin Town Finalist or Encap Town Finalist or High - Cash Vehicle Town 0 and Ph h Schoo Iculator | - plaque ted Polypyrrole Sens Riverside - Life Science Senior CSF Medallion - Sulant Within a Gast Old Greenwich - Life Science Senior \$500 & plaque Charging Stations us Old Greenwich aque I- \$200, Plaque | or High - CSF Medallion ric-Resistant Tablet for Ische High - CSF Medallion |
| * Ale Greenwich 3009 Student(s) * Life * Ale Greenwich 3020 Student(s) * Life * Ale * Reg Greenwich 6019 Student(s) * M& * Info * Soo * Ma Ma | A Greenwich High Sch Rapid Detection of S Ryan Wadhwa Science Awards with Science Awards with Stroke Treatment Lula Wang Science Awards with Stroke Treatment Lula Wang Science Awards with Science Awards with Stroke Treatment Lula Wang Science Awards with Science Awards with Stroke Treatment Lula Wang Science Awards with Stroke Treatment Lula Wang Science Awards with Science Awards for Apple Science A Science Awards for Apple Science Science A | wards 4th Place ool Andrew Brama stress Biomarker Co h support from Boek wards Finalist - ool Andrew Brama coagulant Dabigatra h support from Boek wards 1st Place Science Award 0 ool Andrew Brama hing Optimization of Awards 3rd Pla puter Science Awar heers - Hartford Sec oplied Mathematics | e Biotechnology Sen ante rtisol via a Molecular Grade 10 nringer Ingelheim Biotechnology Senic ante an via a Mg-Micromot Grade 9 nringer Ingelheim e Biotechnology Seni Certificate & \$375.00 ante Placement of Public Grade 10 ace High School - \$20 rds 3rd Place Hig ttion Scientific Ca and Modeling Ma | y Imprin Town Finalist or Encap Town Finalist or High - Cash Vehicle Town 0 and Ph h Schoo Iculator | - plaque ted Polypyrrole Sens Riverside - Life Science Senior CSF Medallion - Sulant Within a Gast Old Greenwich - Life Science Senior \$500 & plaque Charging Stations us Old Greenwich aque I- \$200, Plaque | or High - CSF Medallion ric-Resistant Tablet for Ische High - CSF Medallion |
| * Ale Greenwich 3009 Student(s) * Life * Ale Greenwich 3020 Student(s) * Life * Ale * Reg Greenwich 6019 Student(s) * M& * Info * Soo * Ma Ma | A Greenwich High Sch Rapid Detection of S Ryan Wadhwa Science Awards with Science Awards with Stroke Treatment Lula Wang Science Awards for App Science Awards for App Scient Awards for App Scient Awards for App Science Awards for A | wards 4th Place ool Andrew Brama itress Biomarker Co h support from Boek wards Finalist - ool Andrew Brama coagulant Dabigatra h support from Boek wards 1st Place Science Award o ool Andrew Brama hing Optimization of Awards 3rd Pla puter Science Award heers - Hartford Sec oplied Mathematics | e Biotechnology Sen ante rtisol via a Molecular Grade 10 nringer Ingelheim Biotechnology Senic ante an via a Mg-Micromot Grade 9 nringer Ingelheim e Biotechnology Seni Certificate & \$375.00 ante Placement of Public Grade 10 ace High School - \$20 rds 3rd Place Hig stion Scientific Ca and Modeling Ma | ior High y Imprin Town Finalist or Encap Town Finalist or High - cash Vehicle Town 0 and Pl h Schoo Iculator ple softv | - plaque ted Polypyrrole Sense Riverside - Life Science Senior CSF Medallion - Sulant Within a Gast Old Greenwich - Life Science Senior \$500 & plaque Charging Stations us Old Greenwich aque I- \$200, Plaque vare, gift packs, & T-s | or High - CSF Medallion ric-Resistant Tablet for Ische High - CSF Medallion ing a Novel Parking Demand |
| * Ale Greenwich 3009 Student(s) * Life * Ale Greenwich 3020 Student(s) * Life * Ale * Reg Greenwich 6019 Student(s) * M& * Info * Soot * M& * M& * Soot * M& * Soot * M& * Soot * M& * Soot * M& * M& * Soot * M& * M& * M& * Soot * M& * Soot * M& * M& | A Greenwich High Sch Rapid Detection of S Ryan Wadhwa Science Awards with Science Awards with Stroke Treatment Lula Wang Science Awards for App Science Awards for App Scient Awards for App Scient Awards for App Science Awards for A | wards 4th Place ool Andrew Brama itress Biomarker Co h support from Boek wards Finalist - ool Andrew Brama coagulant Dabigatra h support from Boek wards 1st Place Science Award o ool Andrew Brama hing Optimization of Awards 3rd Pla puter Science Award heers - Hartford Sec oplied Mathematics | e Biotechnology Sen ante rtisol via a Molecular Grade 10 nringer Ingelheim Biotechnology Senic ante an via a Mg-Micromot Grade 9 nringer Ingelheim e Biotechnology Seni Certificate & \$375.00 ante Placement of Public Grade 10 ace High School - \$20 rds 3rd Place Hig stion Scientific Ca and Modeling Ma | y Imprin Town Finalist or Encap Town Finalist or High - Cash Vehicle Town 00 and Ph h Schoo Iculator ple softv | - plaque ted Polypyrrole Sense Riverside - Life Science Senior CSF Medallion - Sulant Within a Gast Old Greenwich - Life Science Senior \$500 & plaque Charging Stations us Old Greenwich aque I- \$200, Plaque vare, gift packs, & T-s | or High - CSF Medallion ric-Resistant Tablet for Ische High - CSF Medallion |

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|---------------------------------|--|--|--|-----------------------|---|
| [SchTown] | [School] | [Teacher] | | | |
| [Proj#] | [Project Title] | | | | |
| | · | ay School Daniel Cun | | | |
| | | ted Machine Learning in | | | through Environmental Patterns. |
| Student(s) | Helena Chaine | | Grade 11 | | Orange |
| | Yue Zhuo | | Grade 12 | | Hamden |
| | Linda Chen | | Grade 10 | Town | Woodbridge |
| | | ainability Awards Hig Biophysics Award- \$100 | gh School Finali | st - Meda | allion |
| lamden Ha | amden Hall Country D | ay School Gina D'Ang | elo | | |
| 6025 | combos. | drug response predictio | | ut syner | gistic and antagonistic responses of cell lines and dru |
| Student(s) | Jiahui Chen | | Grade 11 | Town | New Haven |
| Me * Pfiz * Info * Ale | edallion zer Computational Bio osys Foundation Comp xion Biotechnology Av | Association Physical Sology and Bioinformatics buter Science Awards | Awards Ser Senior High F echnology Senic | ior High inalist - | Medallion |
| lamden Ha | amden Hall Country D | ay School Paulomi Ale | do | | |
| 2008 | How Does Temperatu | ure Effect Nitrogen Fixat | ion Pods in Leg | umes | |
| Student(s) | Kinan Harb | | Grade 7 | Town | Milford |
| * Life | Science Awards with | support from Boehring | er Ingelheim | Finalist | - Life Sciences 7th grade - CSF Medallion |
| | | | | 1 | |
| | - | ay School Robert Link | | | |
| | Neev Makin | to minimize the numbe | Grade 10 | | l during blood draw or IV insertion. Hamden |
| | | | | | |
| * Pfiz | zer Computational Bio | logy and Bioinformatics | Awards Ser | ior High | Finalist - Medallion |
| lamden Ha | amden Hall Country D | ay School Frank Gasp | barro | | |
| 3017 | Effect of Hydroxyapat to Enhance Sunscree | | e Transdermal D | iffusion | and Photodegradation of Avobenzone and Octinoxat |
| Student(s) | Sophia Vash | | Grade 10 | Town | Fairfield CT |
| * Fre | | | | | - Life Science Senior High - CSF Medallion ce in Chemistry or Chemical Engineering - |
| ent Kent S | School Jesse Klingel | biel | | | |
| 6032 | 5 | | urate Cardiovas | cular Di | sease Diagnosis from X-ray Images |
| | Jiwon Hwang | g | Grade 10 | Town | |
| | nnecticut Science Fair | Association Physical S | cience Awards | Final | ist - Physical Sciences Senior High - CSF |
| * J.A | . Augustine and H. Gli | sta Awards \$100 H | . Glista Award fo | r Physic | al Sciences |
| lanchester | Manchester High Sc | hool Wendy Turek-He | rnandez | | |
| 3138 | Determining the incid grandifolia buds | ence of Beech Leaf Dise | ease symptom s | everity b | based on overwintering nematode abundance in Fagu |
| Student(s) | Dina Watson | | Grade 12 | Town | Manchester |
| 3rd | d Place High School - | with Connecticut Acade \$ 200 and Plaque, Med Alumni High School E | allion | - | neering Urban School Challenge Awards |

2024 Regular Fair Awards

| [SchTown] [Proj#] | [School] [Project Title] | [Teacher] | | | |
|-----------------------|---|---|--|-----------------------|---|
| Manchester | Saint James School | Ellen Oei | | | |
| 5017 | Crusty n' Rusty | | | | |
| Student(s) | Brendan Abbamont | e | Grade 7 | Town | Vernon |
| \$2 * Sta * The | 200 & trophy Inley Black & Decker / | Applied Technology Junior Innovators (| y Awards Middle S | School F | Place- Physical Sciences 7th Grade Ind Finalist - Medallion compete in the Thermo Fisher Scientific JIC |
| Manchester | Saint James School | Ellen Oei | | | |
| 5007 | Affect of Color on He | at Absorption | | | |
| Student(s) | Saanvi Sethi | | Grade 7 | Town | Manchester |
| * Ale * Co | xion Biotechnology Av | wards 5th Plac sics, Astronomy, & | e Biotechnology 7th g Geophysics Dept | rade - tr - Junior | Award: Certificate, \$100 Cash |
| Milford Plat | tt Technical High Scho | ool Lori Grace | | | |
| 3502 | NatureCare Project | | | | |
| Student(s) | Diogo Gaudencio | | Grade 12 | Town | bridgeport |
| | Yossias Mulualem | | Grade 12 | Town | ansonia |
| | Maritza Portillo | | Grade 12 | Town | west haven |
| * CT Ar | | ion - The William M , William M. Mack, | 1. Mack, AIA Award - | \$250 | echnical High School Finalist - medallion Amazon Gift Card from the Connecticut Building Performance. |
| | Eco-Filter | | | | |
| | Nabila Kandawala | | Grade 11 | Town | Bridgeport |
| otadom(o) | Nariah Joyner | | Grade 11 | | West Haven |
| | Daniela de Oliveira | | Grade 11 | | Stratford |
| * En | ergizeCT Future Susta | ninability Awarda | High School Einglig | | |
| | | | | | |
| New Haven | | - | gnet School Alyssa | | on I Flow Rate, and Anticoagulants in the Cardiovascula |
| | System for the Imple | mentation in Ischer | nic Stroke Patients | | |
| Student(s) | Temiladeoluwa Ade | eniran | Grade 11 | Town | Seymour |
| * Pej | osico Engineering Aw | ards Finalist - I | Engineering High Sch | ool - CS | F Medallion |
| New Haven | | - | gnet School Roger | | |
| 3126 | Advanced Hybrid Wa for Comprehensive C | | | Study of | Membrane Filtration, Adsorption, and Photocatalysis |
| Student(s) | Saket Aliminate | | Grade 10 | Town | Milford |
| * Sta | nley Black & Decker | Applied Technology | y Awards Senior I | High Fin | - Life Science Senior High - CSF Medallion alist - Medallion sible advance to further competition |

* Stockholm Junior Water Prize --- Certificate, \$25 gift card by CSEF, possible advance to further competition

| [SchTown] [Proj#] | [School] [Project Title] | [Teacher] | | | | | | |
|-------------------------|--|---|--|--|--|--|--|--|
| New Haven | Engineering and So | sience University Magnet School Roger Rushworth | | | | | | |
| 6036 Student(s) | Evaluating Hyperparameter Tuned Machine Learning Classifiers for Pancreatic Cancer Detection via Urinary Biomarkers Nivrith Ananth Iyer Grade 10 Town West Haven | | | | | | | |
| | nnecticut Science Fa | ir Association Physical Science Awards Finalist - Physical Sciences Senior High - CSF | | | | | | |
| * The Se | e Jackson Laborator mior High Finalist - | y with Connecticut Academy of Science and Engineering Urban School Challenge Awards Medallion nputer Science Awards Senior High Finalist - Medallion | | | | | | |
| | - | | | | | | | |
| New Haven 3050 | Implementation of a | sience University Magnet School Roger Rushworth Computationally Efficient Machine-Learning-Based System to Diagnose Cervical Cancer via Numerical and Multivariate Regression | | | | | | |
| Student(s) | Ethan Joseph | Grade 9 Town West Haven | | | | | | |
| 4t | h Place High School | y with Connecticut Academy of Science and Engineering Urban School Challenge Awards - Plaque, Medallion nputer Science Awards Senior High Finalist - Medallion | | | | | | |
| New Haven | Engineering and So | sience University Magnet School Alyssa Anderson | | | | | | |
| 6052 | Synthesis of Porous | s Polymer Sponge Matrix using Modified Sodium Alginate Clay Compound for Adsorptive Removal of ill from Contaminated Water | | | | | | |
| Student(s) | Snigtha Mohanraj | Grade 11 Town Ansonia | | | | | | |
| * U.S * Sto * The | 5. Metric Association ockholm Junior Wate e Community Founda Urban Public Schoo | wards Finalist - Engineering High School - CSF Medallion Certificate & \$25 gift card given by CSEF r Prize Certificate, \$25 gift card by CSEF, possible advance to further competition ation for Greater New Haven Ecology, Environmental, and Alternative Energy Research Prize ol Environmental / Energy Award - \$250 Phillip Stewart | | | | | | |
| 6055 | Profit from stock priv | | | | | | | |
| | Christina Cao | Grade 11 Town Trumbull | | | | | | |
| * M8 * Un | T Bank Mathematics | s Awards High School Finalist - Medallion cholarships University of Hartford Scholarship - For Excellence in Science or mathematics, 00 (\$7,500/year) | | | | | | |
| New Haven | Sound School Ch | arles Mulligan | | | | | | |
| 6511 | Potential Impact of | Watershed Runoff and Tidal Inundation on the Hydrologic Profile of a Coastal March | | | | | | |
| Student(s) | Cora FitzGerald | Grade 11 Town Guilford | | | | | | |
| | Tamzin Maines | Grade 11 Town Old Saybrook | | | | | | |
| | | tainability Awards High School Finalist - Medallion tmospheric Administration Certificate and \$25 gift card given by CSEF | | | | | | |
| New Haven | Worthington Hooke | r School Douglas Jones | | | | | | |
| 1020 | Biodegradable Hydr | rogels: Improving our Agriculture's Sustainability | | | | | | |
| Student(s) | Sofia Janiga | Grade 8 Town New Haven | | | | | | |
| | Azalea Deener | Grade 8 Town New Haven | | | | | | |
| Mo * En M | edallion vironmental Science: S Finalist - CSF Meda | th support from Boehringer Ingelheim Finalist - Life Sciences Middle School Team - CSF s Awards with Connecticut Association of Conservation and Inland Wetlands Commissions Illion ne or Animal Science Award \$100 Cash Award for excellence in equine studies | | | | | | |

| [SchTown] [Proj#] | [School] [Project Title] | [Teacher] | | | | |
|--------------------------------|---|--|---|-----------------------------|---|-------|
| New Haven | Worthington Hooker | School Douglas Jones | | | | |
| 2503 | The Influence of Vari | ous Factors on Yeast Ferr | mentation | | | |
| Student(s) | Roko Skarica | | Grade 8 | Town | ו New Haven | |
| * Life | e Science Awards with | support from Boehringer | Ingelheim | 4th Pla | ace- Life Sciences 8th grade- trophy | |
| Newtown N | Newtown High School | | | | | |
| 3083 | · • | a way to distribute Benefic | - | | | |
| Student(s) | Lydia Cox | | Grade 11 | Town | n newtown | |
| * Un | | ards Finalist - Enginee Scholarship Awards h grade project | | | SF Medallion ven 4 year scholarship - \$96,000 (\$24,000 per | |
| Newtown N | Newtown High School | | | | | |
| 6088 | | sage Frequency on the Q | | | | |
| Student(s) | Nathan Twitchell | | Grade 11 | Town | n Newtown | |
| | vironmental Sciences S Finalist - CSF Medal | | Association of | Conser | rvation and Inland Wetlands Commissions | |
| Norwich N | lorwich Technical High | School Aleatha Pelloni | | | | |
| 3129 | The Application of Ar Scale | nygdalin as an Early Stag | e Medicinal Ca | ncer Th | herapy to act as an Accessible Option on a Nation | al |
| Student(s) | Emerson Alexy | | Grade 12 | Town | 1 Old Saybrook | |
| | | gh School Science & Tec ards Finalist - Enginee | | | Technical High School Finalist - medallion SF Medallion | |
| Norwich N | lorwich Technical High | School Aleatha Pelloni | | | | |
| 3526 | | owth: Harnessing Electroc | ulture for Sust | ainable | e Gardening Practices | |
| Student(s) | Sophia Caballero | | Grade 11 | Town | Norwich | |
| | Alejandra Cardona | | Grade 11 | Town | n New London | |
| Pl * En * As | laque hergizeCT Future Susta sociation for Women (| gh School Science & Tec ainability Awards 3rd I Geoscientists Certifica gy Certificate and \$25 | Place High Sch te & \$25 gift ca | iool - \$2 ard give | en by CSEF | |
| Norwich N | lorwich Technical High | School Aleatha Pelloni | | | | |
| 3509 | Renewable fuel using | anaerobic digestion | | | | |
| Student(s) | Jasmine Coulombe | | Grade 11 | Town | n Chaplin | |
| | Tessa Lambert | | Grade 11 | Town | n Scotland | |
| * En Si * En | nergizeCT Technical H tipend to Compete at (nergizeCT Future Susta | gh School Science & Tec | hnology Award School Finalis | ls 1 st - Med | | |
| Norwich N | lorwich Technical High | School Suzanne Edwa | rds | | | |
| 6066 | | ysis of the Variables Impa | | rmance | e of Wind Turbines as the Energy Converts from Ki | netic |
| Student(s) | Leah Kozerefski | μισαι | Grade 9 | Town | n Gilman | |
| * Pe * En * En * U.\$ | etit Family Foundation hergizeCT Alternative & hergizeCT Future Susta S. Air Force Certifi | Nomen in Science & Engi | neering Award rds 3rd Pla School Finalis e Package | s 1: ce High st - Med | | |

| [SchTown] [Proj#] | [School] [Project Title] | [Teacher] | | | | |
|----------------------|--|-----------------------------|-----------------|---------------------|---|-------------------|
| Norwich No | | School Aleatha Pelloni | | | | |
| | ¥ | | rtificial Press | ures fron | n UV Radiation to Create Antibic | otic Activity |
| | Elijah Smith | | Grade 12 | | Norwich | |
| | ergizeCT Technical Hi aque | gh School Science & Techr | nology Award | s 3rc | d Place- Technical High School , | \$200, |
| Redding CT | STEM Fair Joyce F | Reed | | | | |
| 3052 | Determining the Abilit | y of Different Mosses and F | Plants to Rem | iove Alga | ae Causing Phosphates and Nitr | ates From Water |
| Student(s) | Emma Cannon | | Grade 11 | Town | New Canaan | |
| * Ass | ociation for Women G | eoscientists Certificate | & \$25 gift ca | rd given | e- Life Sciences Senior High- Pla by CSEF or excellence in equine studies | aque |
| Redding C | STEM Fair Catheri | ne Piscitelli | | | | |
| | | | dicting Drivin | g Prepai | redness in Pre-Driving-Age Adol | escents |
| | Mila Mejnartowicz | | Grade 10 | - | Woodbridge | |
| * Life | Science Awards with | support from Boehringer Ir | ngelheim | Finalist - | Life Science Senior High - CSF | Medallion |
| | Ridgefield High Schoo | | | | | |
| - | | ased Proteins vs Animal Ba | sed Proteins | on Sleer | Quantity (Soy vs. Beef) | |
| Student(s) | D | | | | Ridgefield | |
| * Sta | nlev Black & Decker A | Applied Technology Awards | Senior H | liah Fina | list - Medallion | |
| | he Hotchkiss School | | | | | |
| 3081 | | of Sargassum horneri on Al | leviating Neu | rodegen | eration Induced by Sustained Ale | cohol Exposure on |
| Student(s) | | | Grade 10 | Town | Lakeville | |
| * Life | Science Awards with | support from Boehringer Ir | ngelheim | Finalist - | Life Science Senior High - CSF | Medallion |
| Shelton She | elton Intermediate Sch | nool Erica McNeil | | | | |
| 5001 | Shot Power | | | | | |
| Student(s) | Brooke Plain | | Grade 7 | Town | Shelton | |
| * Pet | it Family Foundation \ | Nomen in Science & Engine | eering Award | s 1st | t Place- Middle School \$300 / tro | phy |
| Shelton She | elton Intermediate Sch | nool Erica McNeil | | | | |
| 5018 | What kinds of cereals | get soggier in milk? | | | | |
| Student(s) | Sneh Shah | | Grade 7 | Town | Shelton | |
| * M& | T Bank Mathematics | Awards 3rd Place Midd | le School - \$1 | 00 and ⁻ | Trophy | |
| Simsbury V | Vestminster School | Suzanne Bailey | | | | |
| 6043 | Dual-Degree-of-Free | dom Pneumatic Shoulder R | ehabilitation I | Device B | ased on Flexible Materials | |
| Student(s) | Meiyin Ren | | Grade 11 | Town | Simsbury | |
| | nnecticut Science Fair lividual - \$500 & Plaqu | | nce Awards - | 1st Pl | ace - Physical Sciences Senior I | High |
| * H Ph | Joseph Gerber Award ysical Sciences 1st H | | al of Excellen | ice, Invite | | ng |

| | | • | • | | | |
|---|--|---|--|--|--|------------------------------|
| SchTown] [Proj#] | [School] [Project Title] | [Teacher] | | | | |
| outh Winds | sor South Windsor | High School Danel | Eitel | | | |
| 6501 | | • | | Cost-Ef | fective Approach to Electi | onics Cooling |
| | Adithya Anand | | Grade 11 | | South Windsor | y |
| | Jason Thokchom | | Grade 11 | Town | South Windsor | |
| \$3 * End * End * Pej * IEE * Jor South Winds 3524 | 800(split) & Plaque ergizeCT Alternative ergizeCT Future Sus psico Engineering Av EE, Connecticut Sect in Stone Memorial Aw sor South Windsor MushBox: In Situ Bi Integration Samarth Basanth | & Renewable Energ tainability Awards vards Finalist - E on \$100 Honora ard Jon Stone A High School Dane | y Awards High S - High School Finalis Engineering High Sch able Mention ward for Innovative E Eitel icipal Solid Waste the Grade 10 | chool Fi at - Meda bol - CS Engineer rough M Town | allion F Medallion ing- \$100 ycoremediation via Mycel South Windsor | Senior High Team- |
| | Tejbir Litt | | Grade 10 | Town | South Windsor | |
| South Winds | sor South Windsor | High School Dane | Eitel | nmental | Environmental Project ly Beneficial Invasive Plan South Windsor | nt Removal Projects |
| oludeni(3) | Nishigandha Bham | bure | Grade 10 | | South Windsor | |
| | ergizeCT Future Sus | tainability Awards | - High School Finalis | st - Meda | allion | |
| South Winds | sor South Windsor | High School Danel | Eitel | | | |
| 3510 | A novel approach to inhibition of Glypical | preventing the PrPs | sc induced neurotoxic | ity whic | h characterizes Creutzfeld | It-Jakob disease through the |
| Student(s) | Smriti Rajan | | Grade 11 | Town | South Windsor | |
| | Sanjay Rajan | | Grade 9 | Town | South Windsor | |
| * Pfiz | zer Computational Bi | ology and Bioinform | atics Awards Sen | ior High | Finalist - Medallion | |
| | sor South Windsor | | | | | |
| 6507 | Optimized Magneto | Inertial Fusion for P | | _ | | |
| Student(s) | Jeremy Shiju | | Grade 11 | | South Windsor High Sch | ool |
| | Akshaj Nadimpalli | | Grade 11 | Town | South Windsor | |
| | Daniel Stoyanov | | Grade 11 | Town | South Windsor | |
| Pla | aque | | cal Science Awards - - High School Finalis | | Place - Physical Sciences allion | Senior High Team - |

| | | . | . | | |
|---------------------|--|---|---|---|--------------------------------------|
| SchTown] [Proj#] | [School] [Project Title] | [Teacher] | | | |
| South Winds | or South Windsor | High School Kevin | Snyder | | |
| | | ding of solar physics | • | eural networks | |
| | Pragyan Yadav | ang of colar physico | Grade 12 | Town South Wind | lsor |
| | | air Association Physic | al Science Awards | Finalist - Physica | I Sciences Senior High - CSF |
| Me | edallion | - | | | - |
| | | Applied Technology nputer Science Award | | | |
| | | | | | rience Program: Physical |
| | iences - Co-Op \$10 | | | The Larry Conege Expe | |
| outhinaton | Joseph A. Depaol | o Middle School Ha | lime Aqirman | | |
| - | | | - | occurring resources | such as Eggshell-Derived Calcium |
| | Carbonate in Globa | I Warming Reduction | | | |
| Student(s) | Esra Agirman | | Grade 8 | Town Southingtor | 1 |
| | vironmental Science S Finalist - CSF Meda | | cticut Association o | f Conservation and In | land Wetlands Commissions |
| * NA | SA EARTH System | Science Award C | | | |
| | | | | er's Award - Middle Se | chool Life Science - Scholarship |
| | | urday Program at TM uiry Learning Dar | | d for Imagination - MS | S \$100 |
| tamford A | cademy of Informati | on Technology and | Joshua Bogard | | |
| | • | earning Model for Estr | - | ation in Mice | |
| | Saachi Goyal | | Grade 11 | Town Stamford | |
| 1s * Info * H | t Place High School osys Foundation Cor Joseph Gerber Awaı | - \$500 and Plaque, N nputer Science Award | ledallion ls Senior High ented by the Conne | Finalist - Medallion cticut Academy of Sc | in School Challenge Awards |
| | | cademy Chris Gras | | | |
| | Growing algae in di | • | | | |
| | Aaron Palker | | Grade 7 | Town Stamford | |
| * Life | Science Awards wi | th support from Boeb | inger Ingelheim | 3rd Place- Life Scie | nces 7th grade- \$100 & trophy |
| | | | inger ingemeint | Sid Flace- Life Ocle | |
| | ing School Victoria | | | | |
| | Parker Hayashi | Non-Small Cell Lung | Gancer Reveals 1F Grade 11 | 53/EGFR Maintenan Town Riverside | ce and SETD2 Selection in Metastases |
| ., | | · • · · · · · · · · · · | | | |
| | edallion | air Association Physic | al Science Awards | Finalist - Physica | I Sciences Senior High - CSF |
| | | mputer Science Award | ls Senior High | Finalist - Medallion | |
| tamford K | ing School Victoria | a Schulman | | | |
| 6097 | DETICKT IT: A Mac Assessment | chine Learning-Based | Application for Rea | al-Time Tick Identifica | tion and Spatiotemporal Disease Risk |
| Student(s) | Antonia Kolb | | Grade 12 | Town New Canaa | ้าก |
| | nnecticut Science Fa dividual - \$200 & Pla | | al Science Awards | 3rd Place- Physic | cal Sciences Senior High |
| | | iology and Bioinforma | tics Awards Se | nior High Finalist - Me | edallion |
| | | mputer Science Award | | | |
| | ristopher T. Borowie tificial Intelligence | c Excellence in Innova | ation Awards \$ | 100 Cash for Exceller | nce in Innovation with emphasis in |
| AI | anoiai intenigence | | | | |

2024 Regular Fair Awards

| [SchTown] [Proj#] | [School] [Project Title] | [Teacher] | | | | |
|--------------------------------------|--|--|--|---------------------------------|--|--|
| Stamford k | King School Victoria | Schulman | | | | |
| 3044 | | erences in a Murine PCSK | | | | |
| Student(s) | Layla Shah | | Grade 12 | Town | Wilton | |
| * Life | e Science Awards wit | h support from Boehringer | Ingelheim | Finalist | t - Life Science Senior High - CSF Medallion | |
| Stonington | St. Michael School | Anna-Helene Grossoman | ides | | | |
| 5008 | Expensive Fails or, L | ong Lasting Nails | | _ | | |
| Student(s) | Maeve Nicholas | | Grade 7 | Town | Stonington | |
| * Ta | cott Mountain Scienc | rards Finalist - Enginee e Center & Academy T nmer or Saturday Program | MSC Founder | 's Awar | rd - Middle School Physical Science - | |
| Suffield Su | ffield Academy Mic | hael Zappala | | | | |
| 3002 | | livery Through the Intraora | | | aste Using Penetration Enhancers | |
| Student(s) | MJ Choi | | Grade 10 | Town | Brookline | |
| * Life | e Science Awards wit | h support from Boehringer | Ingelheim | Finalist | t - Life Science Senior High - CSF Medallion | |
| Trumbull C | hristian Heritage Sch | ool Nicole Camacho | | | | |
| 5515 | | a liquid affect its spherifica | | | | |
| Student(s) | Gaia Cioppa | | Grade 8 | Town | Greenwich | |
| | nnecticut Science Fai ophy | ir Association Physical Scie | ence Awards | 5th P | Place- Physical Sciences 8th Grade Ind | |
| Trumbull C | hristian Heritage Sch | ool Daniel Cote | | | | |
| 6102 | | ssisting the Visually Impair | | - | | |
| Student(s) | Daylin Jerome | | Grade 11 | Town | Bridgeport | |
| * Pe * Off * Un Gi * Wis | psico Engineering Aw ice of Naval Researc iversity of Hartford Sc rade 11 only - \$30,00 sner Chairman's Awa | holarships University 0 (\$7,500/year) rd \$500 cash & Plaque | ering High Sche Corps HS of Hartford Scl e HS | ool - CS School holarshij | | |
| Trumbull C | hristian Heritage Sch | ool Nicole Camacho | | | | |
| 5505 | | stances affect how light is | | T | N#17 1 | |
| Student(s) | Joshua Joseph | | Grade 8 | Iown | Milford | |
| * M8 | T Bank Mathematics | Awards 1st Place Mid | dle School- \$3 | 00 and I | Plaque | |
| Trumbull C | - | ool Nicole Camacho p trash out of water ways? | | | | |
| Student(s) | Juliette Schwartz | · · · · | Grade 8 | Town | Shelton | |
| * Na | tional Oceanic and At | mospheric Administration | Certificate | and \$25 | liddle School Finalist - Medallion 5 gift card given by CSEF ence in a local water quality study, \$100 cash | |
| Wallingford | Choate Rosemary H | Iall Jan Cook | | | | |
| 6051 | | Quadrilaterals of Triangle | | - | | |
| Student(s) | Kay Yeon Lee | | Grade 11 | Town | Wallingford | |
| * Pe * Ma M | psico Engineering Aw plesoft Awards for Ap athematics | | eering Senior deling Ma | High- \$2 ple softv | 200 & plaque ware, , gift packs, & T-shirt - For Excellence in norial Award - \$250 Cash and Plaque HS | |

| [SchTown] [Proj#] | [School] | [Teacher] | - | | | |
|--|--|--|--|--|--|---------|
| | [Project Title] | " \ <i>t</i> : 0 | | | | |
| Vallingford | • | - | | | | |
| 3121 Student(s) | | ns in the Progression o | Grade 11 | | Farmington | |
| ., | | logy and Piginformation | Awarda 2rd | | ligh School - \$200, Plaque | |
| | | wards 5th Place Bio | | | | |
| - | Choate Rosemary H | - | | | | |
| | | Memory: Finding and I | | | | |
| Student(s) | Yumeng Wang | | Grade 10 | Town | Wallingford | |
| * Life | Science Awards with | n support from Boehring | ger Ingelheim | Finalist | - Life Science Senior High - CSF Medal | llion |
| Vallingford | Choate Rosemary H | all Andrew Murgio | | | | |
| | | elligent Continuum-Mar | | | ng and Managing Arboreal Wild Bee Co | lonies |
| Student(s) | Jingyuan Zhang | | Grade 11 | | Wallingford | |
| | Xiyin Yang | | Grade 11 | Town | Wallingford | |
| \$5 * Sta * Info | 00 (split) & Plaque nley Black & Decker / osys Foundation Com | - | vards 1st Plac Senior High F | e High : inalist - | | am- |
| * MT \$2 * IEE | U Aero Engines North 50 E, Connecticut Sectio | n America, Inc MTU on \$250 Honors Aw | J Aero Engines N vard -Senior | lechanio | cal Engineering Applied Principles Awar | d - |
| Vaterbury | ACES at Chase Sa | ndra Solimene | | | | |
| | | ive Eco-Friendly Insula | tion | | | |
| | Andrew Daukas | | Grade 8 | Town | Middlebury | |
| & 1 | rophy | r Association Physical S wards 5th Place Bio | | | Place- Physical Sciences 8th Grade Ind, ophy | - \$100 |
| Vaterbury | ACES at Chase Sa | ndra Solimene | | | | |
| 5503 | The Bag that Saved | the Homeless | | | | |
| Student(s) | Evaleise Diaz | | Grade 8 | Town | Meriden | |
| Me * Dei * Coi | edallion nos R Us Awards | \$200 Cash Award- Cle privention "Next Step In | ear Execution of I | Researc | list - Physical Sciences 8th Grade - CSF h- 8th Grade oventor Trophy & Invitation to compete a | |
| | ACES at Chase Ke | | | | | |
| - | | Water Filtration Devic | e Most Effectively | / Remov | ves Microplastics? | |
| Student(s) | Jacob Godfrey | | Grade 7 | Town | Waterbury | |
| 5tł * Ale * U.S * The for * Nat | n Place Middle Schoo xion Biotechnology A 3. Agency for Internati ermo Fisher Scientific selected top MS win ional Center for Inqui | I - Trophy, Medallion wards Finalist - Bio onal Development (US, Junior Innovators Chal ners ry Learning Daniel | technology 7h gra AID) Certifica lenge Nomin & Maggie Award | ade - CS te and \$ ation to for Ima | \$25 gift card given by CSEF compete in the Thermo Fisher Scientific gination - MS \$100 | |
| Ma * Urb | anagement | | | | ence in Water Quality or Environmental est Placing 7th grader- Project Oceanolo | ogy's |

| aterbury | ACES at Chase | Lisa Debany | | | |
|---|--|--|---|---|---|
| 4015 | | Bags vs Plastic Trash | Bags | | |
| Student(s) | Greyson Sauer | | Grade 7 | Town | Prospect |
| | Mason Mantz | | Grade 7 | Town | Waterbury |
| * Ale | exion Biotechnolog | gy Awards Finalist | - Biotechnology 7h gr | ade - CS | F Medallion |
| /aterbury | ACES at Chase | Lisa Debany | | | |
| 2005 | Reducing Lycorr | ma delicatula, Lantern F | -ly, Infestation: Using | Essentia | al Oils to Address Crop Damage and Food Short |
| Student(s) | Besjana Veliu | | Grade 7 | Town | Waterbury |
| * Pe * Ale * Th | etit Family Founda | ation Women in Science gy Awards 4th Plac ntific Junior Innovators | e & Engineering Awar ce Biotechnology 7th g | ds M grade - tr | ce- Life Sciences 7th grade- \$300 & trophy iddle School Finalist - Medallion rophy compete in the Thermo Fisher Scientific JIC |
| /estport (| Greens Farms Aca | ademy Juli Gerdes | | | |
| 3101 | The Effect of Re | esveratrol on ALS Positi | ve Flies Locomotor D | ysfunctic | on la |
| Student(s) | Lilly Hogan | | Grade 12 | Town | Westport |
| * Lif | e Science Awards | s with support from Boe | hringer Ingelheim | Finalist | - Life Science Senior High - CSF Medallion |
| estport (| Greens Farms Aca | ademy Mathieu Freer | nan | | |
| 5014 | Novel Radiation | Shielding for Radiation | Therapy and Arabido | opsis on | Mars |
| Student(s) | Dylan Karpf | | Grade 7 | Town | |
| | | | | TOWIT | Westport |
| & | onnecticut Science trophy | - | ical Science Awards | 1st P | Place- Physical Sciences 7th Grade Ind \$300 |
| & * Pe | pnnecticut Science trophy psico Engineering | g Awards Finalist - | ical Science Awards Engineering Middle S | 1st P chool - C | Place- Physical Sciences 7th Grade Ind \$300 |
| & * Pe * Ale * Th | princeticut Science trophy epsico Engineering exion Biotechnologi ermo Fisher Scien | g Awards Finalist - gy Awards 1st Plac ntific Junior Innovators | ical Science Awards Engineering Middle S e Biotechnology 7th g | 1st P chool - C grade - \$ | Place- Physical Sciences 7th Grade Ind \$300 |
| & * Pe * Ale * Th fo * As | princeticut Science trophy epsico Engineering exion Biotechnolog nermo Fisher Scien or selected top MS stronomical Societ | g Awards Finalist - gy Awards 1st Plac ntific Junior Innovators Swinners | ical Science Awards Engineering Middle S e Biotechnology 7th g Challenge Nomin The Charles Hammor | 1st P chool - C grade - \$ ation to o | Place- Physical Sciences 7th Grade Ind \$300 CSF Medallion 300 & trophy compete in the Thermo Fisher Scientific JIC |
| & * Pe * Ale * Th fo * As Pl * Ele | princeticut Science trophy epsico Engineering exion Biotechnolog ermo Fisher Scien or selected top MS stronomical Societ roject-\$150, subso ectric Boat Manag | g Awards Finalist - gy Awards 1st Plac ntific Junior Innovators winners ty of Greater Hartford - cription to Sky and Tele | ical Science Awards Engineering Middle S e Biotechnology 7th g Challenge Nomin The Charles Hammor escope, ASGH member ence and Engineering | 1st P chool - C grade - \$ ation to o nd Award ership ar | Place- Physical Sciences 7th Grade Ind \$300 CSF Medallion 300 & trophy compete in the Thermo Fisher Scientific JIC |
| & * Pe * Ale * Th fo * As P * Ele \$ | princeticut Science trophy epsico Engineering exion Biotechnologiermo Fisher Scien or selected top MS stronomical Societ roject-\$150, subso ectric Boat Manag 100 Cash for top p | g Awards Finalist - gy Awards 1st Plac ntific Junior Innovators winners ty of Greater Hartford - cription to Sky and Tele gement Association Scie | ical Science Awards Engineering Middle S e Biotechnology 7th g Challenge Nomin The Charles Hammor escope, ASGH member ence and Engineering ive nuclear application | 1st P chool - C grade - \$ ation to o and Award ership an Researd | Place- Physical Sciences 7th Grade Ind \$300 CSF Medallion 300 & trophy compete in the Thermo Fisher Scientific JIC If for Excellence in Astronomy Junior ad meeting invitation ch Awards Top Prize in Nuclear Energy - |
| & * Pe * Ale * Th fo * As P * Ele \$ | ponnecticut Science trophy epsico Engineering exion Biotechnolog nermo Fisher Scien or selected top MS stronomical Societ roject-\$150, subso ectric Boat Manag 100 Cash for top p emos R Us Awards | g Awards Finalist - gy Awards 1st Plac ntific Junior Innovators winners ty of Greater Hartford - cription to Sky and Tele gement Association Scie project that has innovati | ical Science Awards Engineering Middle S e Biotechnology 7th g Challenge Nomin The Charles Hammor escope, ASGH member ence and Engineering ive nuclear application d Clear Execution of | 1st P chool - C grade - \$ ation to o and Award ership an Researd | Place- Physical Sciences 7th Grade Ind \$300 CSF Medallion 300 & trophy compete in the Thermo Fisher Scientific JIC If for Excellence in Astronomy Junior ad meeting invitation ch Awards Top Prize in Nuclear Energy - |
| & * Pe * Ale * Th fo * As P * Ele \$ | ponnecticut Science trophy epsico Engineering exion Biotechnolog nermo Fisher Scien or selected top MS stronomical Societ roject-\$150, subso ectric Boat Manag 100 Cash for top p emos R Us Awards Greens Farms Aca | g Awards Finalist - gy Awards 1st Plac ntific Junior Innovators winners ty of Greater Hartford - cription to Sky and Tele gement Association Scie project that has innovati s \$150 Cash Award | ical Science Awards Engineering Middle S e Biotechnology 7th g Challenge Nomin The Charles Hammor escope, ASGH membrence and Engineering ive nuclear application d Clear Execution of man | 1st P chool - C grade - \$ ation to o and Award ership an Researd | Place- Physical Sciences 7th Grade Ind \$300 CSF Medallion 300 & trophy compete in the Thermo Fisher Scientific JIC If for Excellence in Astronomy Junior ad meeting invitation ch Awards Top Prize in Nuclear Energy - |
| & * Pe * Ala * Th fo * As P * Ela \$ * De (estport (3013) | ponnecticut Science trophy epsico Engineering exion Biotechnolog nermo Fisher Scien or selected top MS stronomical Societ roject-\$150, subso ectric Boat Manag 100 Cash for top p emos R Us Awards Greens Farms Aca | g Awards Finalist - gy Awards Ist Plac ntific Junior Innovators winners ty of Greater Hartford - cription to Sky and Tele gement Association Scie project that has innovat s \$150 Cash Award ademy Matthew Free Expression in Diatom C | ical Science Awards Engineering Middle S e Biotechnology 7th g Challenge Nomin The Charles Hammor escope, ASGH membrence and Engineering ive nuclear application d Clear Execution of man | 1st P chool - C grade - \$ ation to o and Award ership ar Researd Researd | Place- Physical Sciences 7th Grade Ind \$300 CSF Medallion 300 & trophy compete in the Thermo Fisher Scientific JIC If for Excellence in Astronomy Junior ad meeting invitation ch Awards Top Prize in Nuclear Energy - |
| & * Pe * Ale * Th fo * As P * Ele \$ * De /estport (3013 Student(s) | ponnecticut Science trophy epsico Engineering exion Biotechnolog nermo Fisher Scien or selected top MS stronomical Societ roject-\$150, subsc ectric Boat Manag 100 Cash for top p emos R Us Awards Greens Farms Aca Role of Protein E Charlotte Wagn | g Awards Finalist - gy Awards 1st Plac ntific Junior Innovators winners ty of Greater Hartford - cription to Sky and Tele gement Association Scie project that has innovat s \$150 Cash Award ademy Matthew Free Expression in Diatom C ner | ical Science Awards Engineering Middle S e Biotechnology 7th g Challenge Nomin The Charles Hammor escope, ASGH membre ence and Engineering ive nuclear application d Clear Execution of man hain Formation Grade 12 | 1st P chool - C grade - \$ ation to o and Award ership an Researd Researd Researd | Place- Physical Sciences 7th Grade Ind \$300 CSF Medallion 300 & trophy compete in the Thermo Fisher Scientific JIC I for Excellence in Astronomy Junior ad meeting invitation ch Awards Top Prize in Nuclear Energy - ch- 7th Grade |
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| & * Pe * Ale * Th fo * As P * Ele \$ * De /estport (<u>3013</u> Student(s) * Lif | ponnecticut Science trophy epsico Engineering exion Biotechnolog nermo Fisher Scien or selected top MS stronomical Societ roject-\$150, subso ectric Boat Manag 100 Cash for top p emos R Us Awards Greens Farms Aca Role of Protein E Charlotte Wagn e Science Awards Staples High Scho | g Awards Finalist - gy Awards 1st Plac ntific Junior Innovators winners ty of Greater Hartford - cription to Sky and Tele gement Association Scie project that has innovati s \$150 Cash Award ademy Matthew Free Expression in Diatom C ner s with support from Boe pool Amy Parent | ical Science Awards Engineering Middle S the Biotechnology 7th g Challenge Nomin The Charles Hammor escope, ASGH membre ive nuclear application d Clear Execution of man hain Formation Grade 12 thringer Ingelheim | 1st P chool - C grade - \$ ation to o and Award ership an Researd Researd Researd Town Finalist | Place- Physical Sciences 7th Grade Ind \$300 CSF Medallion 300 & trophy compete in the Thermo Fisher Scientific JIC If for Excellence in Astronomy Junior ad meeting invitation ch Awards Top Prize in Nuclear Energy - ch- 7th Grade |
| & * Pe * Ale * Th fo * As P * Ele \$ * De /estport (3013 Student(s) * Lif /estport \$ 3098 | ponnecticut Science trophy epsico Engineering exion Biotechnolog nermo Fisher Scien or selected top MS stronomical Societ roject-\$150, subso ectric Boat Manag 100 Cash for top p emos R Us Awards Greens Farms Aca Role of Protein E Charlotte Wagn e Science Awards Staples High Scho | g Awards Finalist - gy Awards Ist Plac ntific Junior Innovators winners ty of Greater Hartford - cription to Sky and Tele pement Association Scie project that has innovati s \$150 Cash Award ademy Matthew Free Expression in Diatom C ner s with support from Boe pol Amy Parent et Composition on the G | ical Science Awards Engineering Middle S the Biotechnology 7th g Challenge Nomin The Charles Hammor escope, ASGH membre ive nuclear application d Clear Execution of man hain Formation Grade 12 thringer Ingelheim | 1st P chool - C grade - \$ ation to o and Award ership an Researd Researd Town Finalist | Place- Physical Sciences 7th Grade Ind \$300 CSF Medallion 300 & trophy compete in the Thermo Fisher Scientific JIC If for Excellence in Astronomy Junior ad meeting invitation ch Awards Top Prize in Nuclear Energy - ch- 7th Grade |
| & * Pe * Ale * Th fo * As P * Ele \$ * De (estport (3013) Student(s) * Lif Student(s) * Lif | ponnecticut Science trophy epsico Engineering exion Biotechnolog nermo Fisher Scien or selected top MS stronomical Societ roject-\$150, subso ectric Boat Manag 100 Cash for top p emos R Us Awards Greens Farms Aca Role of Protein E Charlotte Wagn e Science Awards Staples High Scho The Effect of Die William Bobers e Science Awards | g Awards Finalist - gy Awards Ist Plac ntific Junior Innovators winners ty of Greater Hartford - cription to Sky and Tele gement Association Scie project that has innovati s \$150 Cash Award ademy Matthew Free Expression in Diatom C her s with support from Boe pol Amy Parent et Composition on the C ski | ical Science Awards Engineering Middle S the Biotechnology 7th g Challenge Nomin The Charles Hammor escope, ASGH membre ive nuclear application d Clear Execution of man hain Formation Grade 12 thringer Ingelheim Growth and Developm Grade 11 | 1st P chool - C grade - \$ ation to o and Award ership an Researd Researd Town Finalist ent of Co Town | Place- Physical Sciences 7th Grade Ind \$300 CSF Medallion 300 & trophy compete in the Thermo Fisher Scientific JIC If for Excellence in Astronomy Junior ad meeting invitation ch Awards Top Prize in Nuclear Energy - ch- 7th Grade Southport - Life Science Senior High - CSF Medallion |
| & * Pe * Ala * Th fo * As P * Ela \$ * De (estport (3013) Student(s) * Lif (estport \$ 3098) Student(s) * Lif * Pe | ponnecticut Science trophy epsico Engineering exion Biotechnolog nermo Fisher Scien or selected top MS stronomical Societ roject-\$150, subso ectric Boat Manag 100 Cash for top p emos R Us Awards Greens Farms Aca Role of Protein E Charlotte Wagn e Science Awards Staples High Scho The Effect of Die William Bobers e Science Awards | g Awards Finalist - gy Awards Ist Plac ntific Junior Innovators winners ty of Greater Hartford - cription to Sky and Tele gement Association Scie project that has innovati s \$150 Cash Award ademy Matthew Free Expression in Diatom C her s with support from Boe pool Amy Parent et Composition on the C ski s with support from Boe g Awards Finalist - | ical Science Awards Engineering Middle S the Biotechnology 7th g Challenge Nomin The Charles Hammor escope, ASGH membre ive nuclear application d Clear Execution of man hain Formation Grade 12 thringer Ingelheim Growth and Developm Grade 11 | 1st P chool - C grade - \$ ation to o and Award ership an Researd Researd Town Finalist ent of Co Town | Place- Physical Sciences 7th Grade Ind \$300 CSF Medallion 300 & trophy compete in the Thermo Fisher Scientific JIC If for Excellence in Astronomy Junior ad meeting invitation ch Awards Top Prize in Nuclear Energy - ch- 7th Grade Southport - Life Science Senior High - CSF Medallion |
| & * Pe * Ala * Th fo * As P * Ela \$ * De (estport (3013) Student(s) * Lif Student(s) * Lif * Pe | ponnecticut Science trophy epsico Engineering exion Biotechnolog ermo Fisher Scien or selected top MS stronomical Societ roject-\$150, subso ectric Boat Manag 100 Cash for top p emos R Us Awards Greens Farms Aca Role of Protein E Charlotte Wagn e Science Awards Staples High Scho William Bobers e Science Awards Staples High Scho Staples High Scho | g Awards Finalist - gy Awards Ist Plac ntific Junior Innovators winners ty of Greater Hartford - cription to Sky and Tele gement Association Scie project that has innovati s \$150 Cash Award ademy Matthew Free Expression in Diatom C her s with support from Boe col Amy Parent et Composition on the G ski s with support from Boe g Awards Finalist - col Amy Parent | ical Science Awards Engineering Middle S Engineering Middle S Challenge Nomin The Charles Hammor Scope, ASGH membre ence and Engineering ive nuclear application d Clear Execution of man hain Formation Grade 12 chringer Ingelheim Growth and Developm Grade 11 chringer Ingelheim Engineering High Sch | 1st P chool - C grade - \$ ation to o and Award ership an Researd Researd Town Finalist ent of Co Town Finalist | Place- Physical Sciences 7th Grade Ind \$300 CSF Medallion 300 & trophy compete in the Thermo Fisher Scientific JIC If for Excellence in Astronomy Junior ad meeting invitation ch Awards Top Prize in Nuclear Energy - ch- 7th Grade Southport - Life Science Senior High - CSF Medallion |

2024 Regular Fair Awards

| [Proj#] | | | | | |
|--|---|--|--|---|--|
| | [Project Title] | | | | |
| | Staples High School | • | | | |
| 3128 | | ting ATR-Kinase on Z | | | |
| Student(s) | Sara De Pinho | | Grade 11 | Town | Westport |
| * Life | e Science Awards wi | th support from Boehr | inger Ingelheim | Finalist - | Life Science Senior High - CSF Medallion |
| Vilton Mide | dlebrook School Pa | aige Randall | | | |
| 5016 | FINDING ENERGY | CONTENT IN FOOD | BY USING CALOF | RIMETER | |
| Student(s) | Kanira Baskar | | Grade 7 | Town | WILTON |
| | onnecticut Science Fa | air Association Physica | al Science Awards | 5th Pl | ace- Physical Sciences 7th Grade Individual |
| Wilton Mide | dlebrook School Al | lison Norful | | | |
| 1014 | Growing Pleustrus | Ostreatus Mycelium w | ith Full Synthetic Er | ngine Lub | ricant |
| | | dable Alternatives to S | | | |
| Student(s) | Arav Gupta | | Grade 8 | Town | |
| | Gopika Kaimal | | Grade 8 | Town | Wilton |
| * Life | e Science Awards wi | th support from Boehr | inger Ingelheim | 3rd Plac | e- Life Sciences MS Team- trophy |
| Vilton Mide | dlebrook School Ja | inica Bagosy | | | |
| 5510 | | application to help ad | lolescents self-asse | ess and s | eek help for stress and poor mental health |
| Student(s) | Jackson Norful | | Grade 8 | Town | Wilton |
| | | Awards Finalist - E | | | ol- \$100, Trophy F Medallion |
| Wilton Mide | dlebrook School W BEAT THE PEAT - | illiam Desroches | Biotechnology 8th g | rade - CS ECO-FRIE | F Medallion |
| Vilton Mide 1017 | dlebrook School W BEAT THE PEAT - Kabir Rokkam | illiam Desroches | Biotechnology 8th g STAINABLE AND I Grade 7 | rade - CS ECO-FRIE Town | F Medallion |
| Wilton Mide | dlebrook School W BEAT THE PEAT - | illiam Desroches | Biotechnology 8th g | rade - CS ECO-FRIE | F Medallion |
| Wilton Mide 1017 Student(s) * Life tra * En 1s * Ale * Th | dlebrook School W BEAT THE PEAT - Kabir Rokkam Shushruth Balaji e Science Awards wi ophy wironmental Science st Place MS - \$300, Tro exion Biotechnology | illiam Desroches RICE HUSK, THE SU th support from Boehr s Awards with Connec ophy Awards 2nd Place c Junior Innovators Ch | Biotechnology 8th g STAINABLE AND F Grade 7 Grade 7 inger Ingelheim ticut Association of Biotechnology 7th | rade - CS ECO-FRIE Town Town 1st Plac Conserva grade - \$ | F Medallion ENDLY ALTERNATIVE TO PEAT MOSS WILTON Wilton e- Life Sciences MS Team- \$150 each & ation and Inland Wetlands Commissions |
| Wilton Midd 1017 Student(s) * Lift tra * En 1s * Ale * Th fo | dlebrook School W BEAT THE PEAT - Kabir Rokkam Shushruth Balaji e Science Awards wi ophy wironmental Science st Place MS - \$300, Tro exion Biotechnology ermo Fisher Scientifi | illiam Desroches RICE HUSK, THE SU th support from Boehr s Awards with Connec ophy Awards 2nd Place c Junior Innovators Ch nners | Biotechnology 8th g STAINABLE AND F Grade 7 Grade 7 inger Ingelheim ticut Association of Biotechnology 7th | rade - CS ECO-FRIE Town Town 1st Plac Conserva grade - \$ | F Medallion ENDLY ALTERNATIVE TO PEAT MOSS WILTON Wilton e- Life Sciences MS Team- \$150 each & ation and Inland Wetlands Commissions 200 & trophy |
| Vilton Midd 1017 Student(s) * Lift tra * En 1s * Ale * Th fo | dlebrook School W BEAT THE PEAT - Kabir Rokkam Shushruth Balaji e Science Awards wi ophy wronmental Science st Place MS - \$300, Tro exion Biotechnology hermo Fisher Scientifi or selected top MS without the scientification on High School Nike | illiam Desroches RICE HUSK, THE SU th support from Boehr s Awards with Connec ophy Awards 2nd Place c Junior Innovators Ch nners | Biotechnology 8th g STAINABLE AND F Grade 7 Grade 7 inger Ingelheim ticut Association of Biotechnology 7th | rade - CS ECO-FRIE Town Town 1st Plac Conserva grade - \$ | F Medallion ENDLY ALTERNATIVE TO PEAT MOSS WILTON Wilton e- Life Sciences MS Team- \$150 each & ation and Inland Wetlands Commissions 200 & trophy |
| Wilton Midd 1017 Student(s) * Lift tro * En 1s * Ale * Th fo Wilton Wilt 6008 | dlebrook School W BEAT THE PEAT - Kabir Rokkam Shushruth Balaji e Science Awards wi ophy wronmental Science st Place MS - \$300, Tro exion Biotechnology hermo Fisher Scientifi or selected top MS without the scientification on High School Nike | illiam Desroches RICE HUSK, THE SU th support from Boehr s Awards with Connec ophy Awards 2nd Place c Junior Innovators Ch nners | Biotechnology 8th g STAINABLE AND F Grade 7 Grade 7 inger Ingelheim ticut Association of Biotechnology 7th | rade - CS ECO-FRIE Town Town 1st Plac Conserva grade - \$ | F Medallion ENDLY ALTERNATIVE TO PEAT MOSS WILTON Wilton e- Life Sciences MS Team- \$150 each & ation and Inland Wetlands Commissions 200 & trophy ompete in the Thermo Fisher Scientific JIC |
| Wilton Midd 1017 Student(s) * Lift tra * En Is * Ale * Th fo Wilton Wilt 6008 Student(s) * Co In | dlebrook School W BEAT THE PEAT - Kabir Rokkam Shushruth Balaji e Science Awards wi ophy wironmental Science st Place MS - \$300, Tro exion Biotechnology ermo Fisher Scientifi or selected top MS wi con High School Nil Fiscatch: A Phishin Rohil Jain ponnecticut Science Fa dividual - Plaque | illiam Desroches RICE HUSK, THE SU th support from Boehr s Awards with Connec ophy Awards 2nd Place c Junior Innovators Ch nners colas D'Agnese g Detection Website | Biotechnology 8th g STAINABLE AND I Grade 7 Grade 7 inger Ingelheim ticut Association of Biotechnology 7th hallenge Nomin Grade 12 al Science Awards | rade - CS ECO-FRIE Town Town 1st Place Conserve grade - \$ grade - \$ ation to c Town 5th Place | F Medallion ENDLY ALTERNATIVE TO PEAT MOSS WILTON Wilton e- Life Sciences MS Team- \$150 each & ation and Inland Wetlands Commissions 200 & trophy ompete in the Thermo Fisher Scientific JIC Wilton ace- Physical Sciences Senior High |
| Wilton Midd 1017 Student(s) * Lift tra * En 1s * Ale * Th fo Wilton Wilt 6008 Student(s) * Co In * Sta | dlebrook School W BEAT THE PEAT - Kabir Rokkam Shushruth Balaji e Science Awards wi ophy wironmental Science st Place MS - \$300, Tro exion Biotechnology ermo Fisher Scientifi or selected top MS wi con High School Nil Fiscatch: A Phishin Rohil Jain ponnecticut Science Fa dividual - Plaque | illiam Desroches RICE HUSK, THE SU th support from Boehr s Awards with Connec phy Awards 2nd Place c Junior Innovators Ch nners colas D'Agnese g Detection Website air Association Physica r Applied Technology A | Biotechnology 8th g STAINABLE AND I Grade 7 Grade 7 inger Ingelheim ticut Association of Biotechnology 7th hallenge Nomin Grade 12 al Science Awards | rade - CS ECO-FRIE Town Town 1st Place Conserve grade - \$ grade - \$ ation to c Town 5th Place | F Medallion ENDLY ALTERNATIVE TO PEAT MOSS WILTON Wilton e- Life Sciences MS Team- \$150 each & ation and Inland Wetlands Commissions 200 & trophy ompete in the Thermo Fisher Scientific JIC Wilton ace- Physical Sciences Senior High |
| Wilton Midd 1017 Student(s) * Lift tra * En 1s * Ale * Th fo Wilton Wilt 6008 Student(s) * Co In * Sta | dlebrook School W BEAT THE PEAT - Kabir Rokkam Shushruth Balaji e Science Awards wi ophy wironmental Science st Place MS - \$300, Trc exion Biotechnology termo Fisher Scientifi or selected top MS wi on High School Nił Fiscatch: A Phishin Rohil Jain onnecticut Science Fa adividual - Plaque anley Black & Decker on High School Ma | illiam Desroches RICE HUSK, THE SU th support from Boehr s Awards with Connec phy Awards 2nd Place c Junior Innovators Ch nners colas D'Agnese g Detection Website air Association Physica r Applied Technology A | Biotechnology 8th g STAINABLE AND I Grade 7 Grade 7 inger Ingelheim ticut Association of Biotechnology 7th hallenge Nomin Grade 12 al Science Awards Awards Senior | rade - CS ECO-FRIE Town 1st Place Conserve grade - \$ ation to c Town 5th Pl High Fina | F Medallion ENDLY ALTERNATIVE TO PEAT MOSS WILTON Wilton e- Life Sciences MS Team- \$150 each & ation and Inland Wetlands Commissions 200 & trophy ompete in the Thermo Fisher Scientific JIC Wilton ace- Physical Sciences Senior High list - Medallion |
| Wilton Midd 1017 Student(s) * Lift tra * En 1s * Ale * Th fo Wilton Wilt 6008 Student(s) * Co In * Sta Wilton Wilt 3059 | dlebrook School W BEAT THE PEAT - Kabir Rokkam Shushruth Balaji e Science Awards wi ophy wironmental Science st Place MS - \$300, Trc exion Biotechnology termo Fisher Scientifi or selected top MS wi on High School Nił Fiscatch: A Phishin Rohil Jain onnecticut Science Fa adividual - Plaque anley Black & Decker on High School Ma | illiam Desroches RICE HUSK, THE SU th support from Boehr s Awards with Connec phy Awards 2nd Place c Junior Innovators Ch nners colas D'Agnese g Detection Website air Association Physica r Applied Technology / | Biotechnology 8th g STAINABLE AND I Grade 7 Grade 7 inger Ingelheim ticut Association of Biotechnology 7th hallenge Nomin Grade 12 al Science Awards Awards Senior | rade - CS ECO-FRIE Town 1st Place Conserve grade - \$ ation to c Town 5th Pl High Fina | F Medallion ENDLY ALTERNATIVE TO PEAT MOSS WILTON Wilton e- Life Sciences MS Team- \$150 each & ation and Inland Wetlands Commissions 200 & trophy ompete in the Thermo Fisher Scientific JIC Wilton ace- Physical Sciences Senior High list - Medallion t Species |

* Banning Family Life Science Award ---- For excellence in invasive species research, \$100 cash

| [SchTown] | [School] | [Teacher] | | | |
|------------------|--|-------------------------|---|-----------|--|
| [Proj#] | [Project Title] | | | | |
| Windsor A | cademy of Aerospac | e and Engineering | Michelle Bellinger | | |
| 6524 | | | els in a Three-Dimens | ional Sc | blar Tower |
| | Jair Andrew | Chemation of Fan | Grade 10 | | Ellington |
| Oludoni(O) | Sriraam Sundarara | man | Grade 10 | | Newington |
| | | IIIdii | | TOWIT | |
| * En | ergizeCT Future Sus | tainability Awards - | High School Finalis | st - Meda | allion |
| Nindsor A | cademy of Aerospace | and Engineering | Michelle Bellinger | | |
| 6028 | Investigations into the | e Link Between the | Water Quality and Se | ocial Ine | equity. |
| Student(s) | Constanza Barria L | opez | Grade 10 | Town | Hartford |
| * Pe | tit Family Foundation | Women in Science | & Engineering Awarc | ls H | igh School Finalist - Medallion |
| | cademy of Aerospace | | Michelle Bellinger | - | |
| 6009 | | | • | ountern | neasures against Malware in Heart Monitoring |
| 0003 | Technology | | | ountern | leasures against maiware in rieart monitoring |
| Student(s) | Sujay Chava | | Grade 11 | Town | Ellington |
| | nnecticut Science Fa edallion | ir Association Physi | cal Science Awards | Final | list - Physical Sciences Senior High - CSF |
| * Sta | anley Black & Decker | | | | School - \$ 200 and Plaque, Medallion |
| | | | rds Senior High F | | |
| | | | Engineering High Sch | | |
| | iversity of Connecticu cience - Co-Op \$100 | | perience UCONN | Larly C | College Experience Program: Frontiers in |
| | | | of Electronic Circuitry | - Senio | r Hiah |
| | | | | | |
| | cademy of Aerospace | | Michelle Bellinger | | |
| 6002 | | | | | ficial Energy-Harvesting Model Tree |
| Student(s) | Laasya Chintapalli | | Grade 11 | Iown | Farmington |
| | | ir Association Physi | cal Science Awards | Final | list - Physical Sciences Senior High - CSF |
| | edallion | | Aurondo Comient | line Fin | aliat Madallian |
| | | | y Awards Senior I | | n School - \$300 Cash and Plague |
| | EE, Connecticut Secti | | | ace riigi | r School - \$500 Cash and Flaque |
| | | | ction Scientific Ca | lculator | |
| | | | Award for Innovative E | | ring- \$100 |
| Nindsor A | cademy of Aerospace | and Engineering | Michelle Bellinger | | |
| 2003 | | v v | • | se Bac | terial Surface Growth Using Ultraviolet (UV) Germi |
| | Light And Mouthwas | h | | | - . , |
| Student(s) | Ana-Marlene Davis | | Grade 7 | Town | Broad Brook |
| | | | hringer Ingelheim - Biotechnology 7h gra | | ace- Life Sciences 7th grade- \$200 & trophy SF Medallion |
| Windsor A | cademy of Aerospace | and Engineering | Michelle Bellinger | | |
| 4019 | • | • • | larvest Electrical Ener | av | |
| | Marcus Davis | | Grade 8 | • | Broad Brook |
| | Dylan Gao | | Grade 7 | | Coventry |
| * Cr | - | ir Association Physi | ical Science Awards | | Place- Physical Sciences MS Team- \$100 |
| | ach & trophy | ii 733001atio11 F 11981 | our obierroe Awarus | | 1 100 1 Hysical October 100 18411- \$100 |
| | | & Renewable Energ | gy Awards Middle | School | Finalist - Medallion |
| | | | | | |
| * Rc | botics And Beyond | Middle School- I | For excellence in engi sh if cannot attend car | neering | design; \$230 toward Robotics And Beyond |

| [<mark>SchTown]</mark> [Proj#] | [School] [Project Title] | [Teacher] | | | | |
|--|---|--|--|---|--|----------------------------------|
| Windsor Ad | cademy of Aerospace | and Engineering | Michelle Bellinger | | | |
| 3004 | Therapeutic Potentia -2) On High Grade S | al of Antibody Drug C Serous Epithelial Ova | onjugates Targeting rian Carcinoma | The Ex | pression of Trophoblast Cell-Surfac | e Antigen 2 (TROP |
| Student(s) | Ana-Lois Davis | · | Grade 12 | Town | Broad Brook | |
| * The 2n * Ale * The | e Jackson Laboratory Id Place High School exion Biotechnology A | with Connecticut Ac - \$300 and Plaque, I wards 3rd Place tion for Greater Hew | ademy of Science ar Medallion Biotechnology Seni Haven's Milton Fishe | nd Engir or High er Awar | ds for Innovation and Creativity | vards |
| Windsor Ad | cademy of Aerospace | and Engineering | Michelle Bellinger | | | |
| 6515 | The Effect of Surface | e Texture on the Effic | ciency of a Spoiler (a | irfoil) in | Formula 1 Race Cars. | |
| Student(s) | Willard Davis | | Grade 10 | Town | Broad Brook | |
| | Peter Davis | | Grade 10 | Town | Broad Brook | |
| 3054 | Regions | Soil Microbial Fuel Ce | | | lectricity Generation in Tropical Unc | lerdeveloped |
| Student(s) | Namyanzi Edwards | • | Grade 11 | Town | New Britain | |
| * The Se * End * Soo * IEE * GE * The * Uni | e Jackson Laboratory enior High Finalist - N ergizeCT Alternative ergizeCT Future Sust ciety for In Vitro Biolo EE, Connecticut Secti ENIUS Olympiad (e Community Founda Urban Public School | with Connecticut Ac Medallion & Renewable Energy ainability Awards gy Certificate an on \$250 Honors GENIUS Olympiad C tion for Greater New I Environmental / En | ademy of Science ar / Awards High Sc 2nd Place High Sch d \$25 gift card given Award -Senior ompetition for HS En Haven Ecology, Env ergy Award - \$250 | nd Engir chool Fi nool - \$3 by CSE ivironmer | 300 Cash and Plaque | vards ity Project ch Prize |
| Windsor Ad | cademy of Aerospace | and Engineering | Vichelle Bellinger | | | |
| 6079 | | Harvest Energy from | the Sinusoidal Motio | | | |
| Student(s) | Vikram Haran | | Grade 11 | Town | Ellington | |
| * Ene * Ene Ol | | & Renewable Energy ainability Awards | Awards 1st Plac 1st Place High Sch | ce High ool - Pla | School - \$500 Cash and Plaque aque & \$700 Stipend to Compete at | GENIUS |

| [SchTown] | [School] | [Teacher] | J | | | <u> </u> |
|---|---|---|---|---|--|--|
| [Proj#] | [Project Title] | | | | | |
| Windsor A | • | e and Engineering Miche | • | | | |
| 4011 | | Sensors to Harvest Energ | | | | ice |
| Student(s) | Palaniappan Manil | kandan | Grade 8 | Town | Ellington | |
| | Duke Clottey | | Grade 8 | Town | Hartford | |
| 1: * Er * Er * Cc C * Of * Th fc * IE * Th E * Ur C * Jo * GE | st Place Middle Scho hergizeCT Alternative hergizeCT Future Sus onnecticut Academy of hallenge 1st MS- \$25 fice of Naval Researd ermo Fisher Scientifi or selected top MS wi EE, Connecticut Sect e Community Found xcellence in Creativit ban School Challeng ompetition with stiper n Chapitis Memorial ENIUS Olympiad | ion \$100 Honorable M ation for Greater Hew Hav y and Innovation by a Mide e 1st Place Middle School nd (421) Award Jon Chapitis S GENIUS Olympiad Comp | tallion ards 3rd Pla Place Middle S g Middle Schoo ttend CASE's A e Corps Mi nge Nomin Mention ten's Milton Fish dle School stud Awards Us pirit of Innovatio etition for Highe | ace Middl school - \$ Il Urban S Innual Me ddle Scho ation to c ner Award SC Highe on Award | e School - \$100 Cas 300 Cash and Troph School Challenge Av Seting 501- Certificate, \$25 compete in the Therr ds for Innovation and cash st Placing 8th grade - MS \$100 | sh and Trophy ny vard Urban School gift card given by CSEF no Fisher Scientific JIC d Creativity For r - GENIUS Olympiad |
| | | e and Engineering Mich | • | | | |
| 4004 | | urbines Into Industrial Pip | | ••• | | |
| Student(s) | Aaditya Sadhvani | | Grade 8 | Town | Ellington | |
| | Roshan Kumar | | Grade 8 | Town | Ellington | |
| * Er * Er * Ze | ergizeCT Alternative ergizeCT Future Sus pke Awards \$10 | Applied Technology Awa & Renewable Energy Awa tainability Awards 2nd 0 - For the Best Use of Ele e and Engineering Micho | ards 2nd Pl d Place Middle ectronic Circuitr | ace Midd School - S | le School - \$200 Ca \$200 Cash and Trop | sh and Trophy |
| 4001 | Combining Optical | Vireless Communications | (OWC) and Ne | uromorpl | nic Architecture for L | arge-Scale Computations |
| Student(s) | Rithvik Suren | | Grade 8 | Town | Ellington | |
| | Aarav Chevva | | Grade 8 | Town | Ellington | |
| & * Inf * Of * Th | trophy osys Foundation Cor fice of Naval Researd | nputer Science Awards h- U.S. Navy / U.S. Marin c Junior Innovators Challe | - 1st Place Mic e Corps Mi | ldle Scho ddle Scho | ol - \$300, Trophy ool- Certificate, \$25 | |
| Windsor T | he Loomis Chaffee S A Deep Semi-Supe (EEG) | • | | or Epilep | tic Seizure Predictio | n using Electro Encephalo Graphy |
| Student(s) | Sunwoo An | | Grade 9 | Town | Seoul | |
| ا * St * Pe * Alo * M ⁻ | idividual - \$300 & Pla anley Black & Decker psico Engineering A exion Biotechnology | ir Association Physical So que Applied Technology Awa vards 1st Place- Engi Awards 2nd Place Bio th America, Inc MTU | rds Senior neering Senior technology Ser | High Fina High- \$50 iior High - | list - Medallion 00 & plaque, - \$300 & plaque | J |

| [<mark>SchTown]</mark> [Proj#] | [School] [Project Title] | [Teacher] | | | |
|------------------------------------|--|--|------------------|-------------|---|
| Windsor Th | ne Loomis Chaffee Scl | hool Koby-Mensah Ose | ei | | |
| 3018 | | alance in Plant Disease I | | | |
| Student(s) | Bryan Chung | | Grade 11 | Town | Middlebury |
| * Life | e Science Awards with | support from Boehringe | r Ingelheim | Finalist | - Life Science Senior High - CSF Medallion |
| Windsor Th | ne Loomis Chaffee Scl | hool Koby Osei-Mensal | h | | |
| 3051 | morphology of myceli | tions of different strains a a bio-scaffolds | | | e chemical properties, water absorption, and |
| Student(s) | Eli Krasnoff | | Grade 11 | Town | Mill Valley |
| * Life | e Science Awards with | support from Boehringe | r Ingelheim | Finalist | - Life Science Senior High - CSF Medallion |
| Windsor Th | ne Loomis Chaffee Scl | hool Koby Osei-Mensal | h | | |
| 3084 | · · · · · | Comprehensive Study of | | - | |
| Student(s) | Jessica Luo | | Grade 12 | Town | Newark |
| * Life | e Science Awards with | support from Boehringe | r Ingelheim | Finalist | - Life Science Senior High - CSF Medallion |
| Windsor T | ne Loomis Chaffee Scl | hool Koby Osei-Mensal | h | | |
| 6012 | Machine Learning Ap Searches | proach for Estimating Ra | azor Kinematic | Variable | es MR and Rsq in Supersymmetric Proton Collision |
| Student(s) | İdil Türkmen | | Grade 11 | Town | Mersin |
| * Infe | osys Foundation Com | outer Science Awards | - Senior High | - - | Medallion |
| Woodbridge | Amity Regional High | School Catherine Pise | citelli | | |
| 6010 | Creation of an Enviro | | n Algorithm Im | olemente | ed on a Novel Smart Fluidic Servo Actuator to Provide |
| Student(s) | Aditi Bhattamishra | | Grade 12 | Town | Orange |
| | | Association Physical Sc | ience Awards | Fina | list - Physical Sciences Senior High - CSF |
| | edallion anley Black & Decker <i>I</i> | Applied Technology Awar | rds Senior | High Fin | alist - Medallion |
| | | outer Science Awards | | | |
| | | ards Finalist - Engine \$ 1000 cash + Silver | 0 0 | | |
| | | | , | asiilia | |
| | | School Catherine Pise | | | |
| 6091 Student(s) | Luke Chang | Sircuit Board Surface Fin | Grade 12 | | ss at High Frequency (5g/6g) Application Orange |
| | | | | | - |
| | - | Applied Technology Awar | | High Fin | |
| | | School Catherine Pise | | | |
| 3040 | Bone Defects | eneration: A Novel Atsttr | | - | Hydrogel for Enhanced Osteogenesis in Critical-Sized |
| Student(s) | Haseeb Chaudhry | | Grade 12 | Iown | Orange |
| * Life | e Science Awards with | support from Boehringe | r Ingelheim | 4th Pla | ce- Life Sciences Senior High- Plaque |
| Woodbridge | Amity Regional High | n School Catherine Pise | citelli | | |
| 6503 | Development of a No Miticide in Beehives t | vel Spray Mechanism Us o Control Varroa Destruc | ctor Infestation | Bee Au S | ditory Data to Trigger an Entomopathogenic Fungal |
| Student(s) | Sophia Messina | | Grade 11 | | Woodbridge |
| | Nikhil Petrov | | Grade 11 | Town | Woodbridge |
| | vironmental Sciences d Place HS- \$200, Plaqu | | Association of | Conser | vation and Inland Wetlands Commissions |
| * Un | iversity of Hartford Scl | | | cholarshi | ip - For Excellence in Engineering or |

Technology, Grade 11 only - \$30,000 (\$7,500/year)

| | [School] | [Teacher] |
|------------|---------------------------------------|---|
| [Proj#] | [Project Title] | |
| Woodbridge | Amity Regional H | High School Catherine Piscitelli |
| 3133 | Determining the E Anoplophora glab | ffects of Moisture Content in Artificial Diet on the Survival, Growth, Development, and Pupation of ripennis |
| Student(s) | Sabrina Osowied | ki Grade 11 Town Orange |
| | | with support from Boehringer Ingelheim Finalist - Life Science Senior High - CSF Medallion on Women in Science & Engineering Awards High School Finalist - Medallion |
| ` | | High School Catherine Piscitelli |
| | Modeling Interacti | High School Catherine Piscitelli ons Between the Neocortex and the Basal Ganglia During Temporal Sequential Learning Using a poral Memory Artificial Neural Network |
| | Modeling Interacti | ons Between the Neocortex and the Basal Ganglia During Temporal Sequential Learning Using a |