

## 2017 SSU COST RSEF Award Recipients and/or Advancing Projects

| FNAME LNAME         | TEAM MATE           | TEAM MATE         | Project Title   | School Name                        |
|---------------------|---------------------|-------------------|---|------------------------------------|
| Abby Strickland     |                     |                   | Molecular Gastronomy  | Bible Baptist                      |
| Aidan McGowan       | Abby Welch          |                   | Which material out of black paper, aluminum foil, sequin fabric and mirrors will heat up a tin foil dish the most?    | William James MS                   |
| Aisha Duck          |                     |                   | Rapid Pills (Dissolving Rate)   | Savannah Arts Academy              |
| Alex Mitchell       |                     |                   | Life's A Garden... Dig It!  | St. Francis Xavier Catholic School |
| Andee Mackiewicz    | Zoe Pantin          |                   | What melts faster: Frozen yogurt, icecream, or sorbet?  | William James MS                   |
| Andrew Johnson      | Shaun Munoz         |                   | How Magnetism Affects Motors  | Risley MS                          |
| Breanne Hurt        |                     |                   | Growing, Growing, Gone  | Bible Baptist                      |
| Brian White         |                     |                   | What algorithm can you use to solve a rubric's cube?  | William James MS                   |
| Brittany Bailey     | Katherine Gilson    | Tracey Le         | Nest-box Visibility Impacts Songbird Reproductive Success   | Islands HS                         |
| Bryce Lecates       | David Benda         | Matthew Barnett   | Seek and Destroy  | STEM Academy @Bartlett             |
| Caitlyn Balcom      |                     |                   | Finish or None: What Keeps Nail Polish on Longer?   | St. Peter the Apostle              |
| Caleb Coleman       | Megan Redwine       |                   | Can Robots Save Our Water? - Year 2   | William James MS                   |
| Carlee Skarin       | Trae Broadnax       | Brittany Knieling | Anthropogenic Noise Impacts Songbird Reproductive Success in Savannah, GA   | Islands HS                         |
| Carlisle McCullough |                     |                   | What Sun Protection Products Block Ultraviolet Rays Best?   | Savannah Arts Academy              |
| Carson Scaboro      |                     |                   | "Eye" can see something different from my dad   | St. James Catholic School          |
| Carter Cline        |                     |                   | Does knowing a test is timed affect test results?   | St. James Catholic School          |
| Ceci Smith          |                     |                   | Can 3D printers be used to print prosthetics with fingerprints?   | William James MS                   |
| Chase Page          |                     |                   | How are harmonics and string length related?  | William James MS                   |
| Chris Nave          |                     |                   | Which Wheel is More Accurate When Doing a 90 Degree Turn?   | St. Peter the Apostle              |
| Cierra Plaff        | Emma Cheripka       |                   | Levels of Carbohydrates in Different Types of Milk  | Glynn Academy                      |
| Clayton Metz        |                     |                   | The Wonders of the World, All in One Place  | STEM Academy @Bartlett             |
| Cravon Mallory      |                     |                   | Stealthy Shapes   | Bible Baptist                      |
| David Lippincott    | Hunter Saussy       |                   | What drink will cause the most rapid recovery and replenished energy after a workout?                                 | William James MS                   |
| Emmett Dennis       |                     |                   | The Pesticide Problem   | STEM Academy @Bartlett             |
| Enrique Carman      |                     |                   | Hydraulic Arm   | Calvary Day School                 |
| Erin Lambert        |                     |                   | The Cat's Meow: Does playing classical music on the violin affect cat behavior?                                       | St. James Catholic School          |
| Esther Hines        | Nelle Iocovozzi     | Alexis Anderson   | What are the effects of nanosilver on pond life?  | Savannah Arts Academy              |
| Evyn Shen           |                     |                   | How do the number of folds and material of paper affect the load bearing capacity of paper?                           | William James MS                   |
| Frank George        | Makaila Lee         |                   | Gas vs. Plants  | STEM Academy @Bartlett             |
| Gabe Rowe           |                     |                   | How does the bioluminescence of dinoflagellates react when subjected to changes in its light and dark cycle?          | William James MS                   |
| Grace Carlyle       | Chandler Muggridge  |                   | The Effects of Soda   | Glynn Academy                      |
| Henry Humphries     |                     |                   | Are manufacturers informing the public truthfully on the amount of fat in the foods you consume?                      | William James MS                   |
| Ian Breen           | Jack Wallace        |                   | Bridge the Gap  | STEM Academy @Bartlett             |
| Jada Coble          | Reid Ragan          |                   | Can a potato produce enough energy to power a device?   | William James MS                   |
| Jawa Darazim        | Ava Gardere         |                   | The Effects of Black Gill Exploring the Newest Threat to Shrimping  | Glynn Academy                      |
| Jess Hunter         |                     |                   | Computer Temperature Tests  | Glynn Academy                      |
| Jessie Barre        |                     |                   | Engineering Dryer Heat  | H. V. Jenkins HS                   |
| John Parks          |                     |                   | Which Food Source will Mealworms Choose   | STEM Academy @Bartlett             |
| Kate Bossler        | Meredith Sneed      | Sofia Moorhead    | Water Biodiversity  | STEM Academy @Bartlett             |
| Kate Perry          |                     |                   | Going Bananas Over Fruit Flies  | STEM Academy @Bartlett             |
| Katherine Miller    |                     |                   | Manipulating Variables in DNA Extraction, Amplification, and Analysis   | The Habersham School               |
| Katie Diestel       | Tralayah Clinch     |                   | The Impact of Caffeine on Heart Rate  | Risley MS                          |
| Kiara Parrish       |                     |                   | Chemical Polymers   | H. V. Jenkins HS                   |
| Kimberly Coleman    |                     |                   | How to live off the grid  | Ramah Jr. Academy                  |
| Kyle Strasser       |                     |                   | The Science of Food Preserving  | St. Francis Xavier Catholic School |
| Lauren Paslawski    |                     |                   | Do dogs or humans have more bacteria in their mouth?  | St. James Catholic School          |
| Leeba Gold          |                     |                   | Breaking Up?  | Rambam Day School                  |
| Madeline Holt       | Nautia Smalls       |                   | Is saltwater algae as effective as freshwater algae at reducing CO2 emissions?  | Savannah Arts Academy              |
| Madelynn Thorpe     |                     |                   | Which tumbler cup keeps the drink closest to the original temperature the longest                                     | St. James Catholic School          |
| Margaret Tucker     |                     |                   | Out to Launch: Exploring the relationship between temperature, elasticity, and the velocity of a launched projectile. | The Habersham School               |
| Maria Barr          |                     |                   | Splash or Dash?   | St. Francis Xavier Catholic School |
| Mathew Geriner      |                     |                   | Exploring tides for renewable energy  | St. James Catholic School          |
| Michael Hunter      |                     |                   | What a Shock!   | Bible Baptist                      |
| Moshe Simcha Landon |                     |                   | Heavy Load  | Rambam Day School                  |
| Nicholas Dillon     |                     |                   | Sunscreen Vs. The Truth   | STEM Academy @Bartlett             |
| Nick Draucker       | Benjamin Frick      | Brandon Hilliard  | Effects of Salinity on Microplastics Abundance  | Savannah Arts Academy              |
| Nithee Patel        | Penelope Eltringham | Radhi Patel       | Songbird Nest Microclimate and Size Correlate with Nestling Development   | Islands HS                         |
| Payton Dowling      | Caroline Wallace    |                   | Is Your Air Clean?  | Risley MS                          |
| PJ Albenice         | Jacob Bosarge       |                   | Hybrid Ethanol Engine vs Gasoline Engine  | Risley MS                          |
| Rebekah Watts       | Logan Placek        | Caroline Adkins   | Seasonal Time-budget Comparisons of Adult Songbirds in Savannah, GA   | Islands HS                         |
| Seth Maxwell        |                     |                   | Can an expected result be modified through a subliminal message?  | Mcintosh County MS                 |
| Skyler Edgecomb     |                     |                   | A Cat's Flavor Preference   | Coastal MS                         |
| Skyler Traynham     | Savannah Bowles     |                   | Memory Under Stress   | STEM Academy @Bartlett             |
| Slade Chatman, II   |                     |                   | How does Bacteria Produce Power In a Microbial Fuel Cell  | Calvary Day School                 |
| Teddy Anneken       |                     |                   | What Effect Do Video Games Have on Memory?  | St. Peter the Apostle              |
| Theo Doan           |                     |                   | Tesla Coil Conundrum  | Bible Baptist                      |
| Thomas Emerson      |                     |                   | Which Bridge Type Is the Strongest?   | Calvary Day School                 |
| Val Magliulo        |                     |                   | Do Concussion Helmets Prevent Concussions More than Regular Helmets?  | St. Peter the Apostle              |
| Will Schumacher     |                     |                   | Red Worms v. Night Crawlers Which will Make Radishes Grow?  | STEM Academy @Bartlett             |
| Will Yawn           |                     |                   | How will the angle of the football affect the distance it travels?  | William James MS                   |
| Yossi Garfunkel     |                     |                   | Blow It Up!   | Rambam Day School                  |