

2023 NC Hybrid Science and Engineering Fair Awards

Elementary (grades 3-5) – can be single student or team projects

Dewey & Susan Ryals Family Memorial Award – Certificate, Plaque, and \$100 check per project

Exemplary Projects— Plaque and \$75 Check per project

Honorable Mention – Medals

Dewey & Susan Ryals Family Memorial Award, Certificate, Exemplary Plaque and \$100		
Project Title:	Student Name(s):	School and City:
Let's Take Flight	Arya Sinha	Hortons Creek Elementary, Cary
Light Color For Indoor Gardens	Santiago Hernandez	Baucom Elementary, Apex
When the Ants Go Marching In	Lexie Spannhake	Angier Elementary, Angier
Coffee Time	Lillian Jones	Hendersonville Elementary, Hendersonville
Solar Heating Alternative	Flynn Kornegay	Heyward C Bellamy Elementary, Wilmington

Elementary Division - Exemplary Awards – Plaque and \$75:		
The Relationship Between the Weight and Speed of a Drone	Vaiga Vijayan	Math & Science Academy of Apex
Stop! Get Out of the Pool	Annalise Miller, Amaya Milliken, Makenzie Cress	North Chatham Elementary, Chapel Hill
Huff Puff and Blow Your House Down	Callen Garcia	Southwest Elementary, Clemmons
Messy Kids vs. Stain Removers	Penny Brown, Abigail Lewis	Wentworth Elementary, Reidsville
Acid Rain: Good or Bad	Sahana Sethi-Brown, Josephine Tressler	The Learning Community School, Swannanoa
The Effects of Sugar and Sugar Alternatives on Blood Glucose	Maggie McLain	Scotts Elementary, Statesville
Eggcellent Enamel	Bryson Canady	Pink Hill Elementary, Pink Hill
Light Pollution	Jolynn Eckersberg, Aanya Mathur	Chesterbrook Academy of Cary
Effect of Garlic on Yeast Growth	George James, Mark Gracey	Swift Creek Elementary, Raleigh
Creamlicious	Sathvik Mekala	Patriots Elementary, Concord
How does temperature and time affect different carbonated drinks?	Linah Hwang	Kensington Elementary, Waxhaw
A Lead on Lead	Ginette Houck	Charles H. Parker Academic Center, Charlotte
Wings for the Win	Ellie Anderson	Sherwood Forest Elementary, Winston Salem
Firm Foundations	Garrett Wadsworth	South Topsail Elem, Hampstead
Can Honey Save Lives	Chayton Dillard	Millers Creek Elementary, Millers Creek

Elementary – Honorable Mention Awards		
Could Your House be Weakening your Wi-Fi	Chase Tomala	Boone Trail Elementary, Lillington
Does Temperature Affect the Strength of a Magnet?	Mia Moolan	The Math and Science Academy of Apex
Neodymium Car	Sam Cain	Hendersonville Elementary, Hendersonville
What is really in our water?	Ava Gilbert	Heyward C Bellamy Elementary, Wilmington
Sticks and Stone May Break My Bones... But What Will Protect Them?	Rory O'Neill	General Greene Elementary, Greensboro
How Far Can You Hit One	Kolten Parsons	Millers Creek Elementary, Millers Creek
Apple Crunchiness = Density ?	Matthew Chiu	Hortons Creek Elementary, Cary
The Egg	Stephen Andrejack, Kayson Brown, Gio Villasenor	Surf City Elementary, Hampstead
Is Your Refrigerator Running?	Jack Spannhake	Angier Elementary, Angier

Junior Division (grades 6-8) – can be single student or team projects

Biological Science A and B*, Chemistry, Earth/Environmental Science, Engineering, Math Statistics & Data Science, Physics, Technology Categories

- Plaques given for 1st through 3rd place, Medals for Honorable Mention
- 1st place - \$100 Check, 2nd Place - \$75 Check, 3rd Place - \$50 Check per winning project. If a team wins, the check is divided between the team members.
- The 1st and 2nd place winners of the Junior Division will be nominated for the Thermo Fisher Scientific Junior Innovators Challenge National Competition.

Junior Biological Science A			
1st	The Effect of Gravity On Plant Growth	Elizaveta Emelyanova	Mills Park Middle, Cary
2nd	Rooting For You	Shalyn Bare	North Wilkes Middle, North Wilkesboro
3rd	Magic Tulips	Zoe Ten Brink	St. Mary Catholic School, Wilmington
Honorable Mention	Moisture Detecting Devices	Meenakshi Nanduri, Saicharan Karthikeyan	Carnage Middle, Raleigh

Junior Biological Science B			
1st	GumShield: A Hydrogel Spray to Treat Gum Disease	Jamie Cheng	Mills Park Middle, Cary
2nd	Forbidden Forever PFOAs- A Cause for Heart Diseases	Srinidha Saro PG	Hanes Middle, Winston Salem
3rd	Exploring ways to improve PrEP uptake and equity for AIDS/HIV control in the U.S.	Ishan Sundaram	Randolph Middle, Charlotte
Honorable Mention	Guilty as Charged: A Study of Energy Drinks	Bailey Heape	Table Rock Middle, Morganton

Junior Chemistry			
1st	Effect of Light Color on Algae Photosynthesis	Kyle Kinlaw	Greensboro Academy, Greensboro
2nd	The Paper is Mightier Than the Sword	Rowan Baker	Hanes Middle, Winston Salem
3rd	Why Does The Ice Cream In A Baked Alaska Not Melt When Put Into The Oven?	Laszlo Gazzano-Stern	Asheville Catholic School, Asheville
Honorable Mention	Fabric: friend or foe?	Caleb Sorrell	Millennium Charter Academy, Mount Airy

Junior Earth/Environmental			
1st	Food Waste Hydrogels	Jayden Cho	The Academy at Lincoln, Greensboro
2nd	Three Little Pigs on Mars	Saumya Wagh	Davis Drive Middle, Cary
3rd	A Clean Source of Renewable Electrical Energy	Shubhi Gupta, Pihoo Agarwal	Northwest Middle School Greensboro
Honorable Mention	The Disappearing Plate	Juliet Johnson	M C S Noble Middle, Wilmington

Junior Engineering			
1st	Hu-RiFy : Crisp Cool air in Hot Humid places	Aadit Krishna	Weddington Middle, Matthews
2nd	Rain, Rain, Come Our Way	Samantha Franke	Stanley Middle, Stanley
3rd	5-axis fused deposition modeling (FMD) printer plus computer code	Bode Blum, Ian Woolston	Northwoods Park Mid, Jacksonville
Honorable Mention	Candy Vending Machine	Namita Chaudhary	The Academy at Lincoln, Greensboro

Junior Math, Statistics, Data Science			
1st	Data Seeds	Ella Hoffert	Asheville Catholic School, Asheville
2nd	Trunks and Tops: Estimating the relationship between tree height and circumference in <i>Pinus taeda</i>	Rebecca Hoopes	Margaret B. Pollard Middle, Chapel Hill
3rd	Spotting Fake News: An Application of Artificial Intelligence in Sarcasm Detection	Rishi Janakiraman	Stanford Online High School
Honorable Mention	Predicting the future... of your baby?	Vineeth Challa, Shashank Sakaray, Atharv Konkala	J N Fries Magnet School, Concord

Junior Physics			
1st	Windmills, Windmills, Windmills	Luca Garrido	Hanes Middle, Winston Salem
2nd	Detecting Background Radiation through a Cloud Chamber	Hamza Pathan	Al-Iman School, Raleigh
3rd	Swimming Stroke Preference vs. Energy Exertion	Finnegan Davis	Manteo Middle, Manteo
Honorable Mention	Wireless Power Transfer	Samadarshi Ghosh	Lakeshore Middle, Mooresville

Junior Technology			
1st	Low-cost unlocked door alarm device	Bryan He	The Academy at Lincoln, Greensboro
2nd	Human vs. AI Art: Can You Tell Who's the Real Master?	Andreas Hoimes	Mills Park Middle, Cary
3rd	Blowing Up Some Power	Khloe Pope	Coats-Erwin Middle, Dunn
Honorable Mention	Creating reliable and efficient peer-to-peer networks for sharing computation	Eric Chen	Mills Park Middle, Cary

Senior Division (grades 9-12) – can be single student or team projects

- Biological Science A and B*, Chemistry, Earth/Environmental Science, Engineering, Physics/Math, Technology Categories
- Plaques given for 1st through 3rd place, Medals for Honorable Mention
- 1st place - \$125 Check, 2nd Place - \$100 Check, 3rd Place - \$75 Check. If a team wins, the check is divided between the team members.

Senior Biological Science A			
1st	Bacteria Are Adjusting To Our Antibiotics, It's Time To Try Something New	Isabel Garcia	Isaac Bear Early College, Wilmington
2nd	Polyethylene Plastic Degradation by Environmental Bacterial Isolates in Landfill-Like Conditions	Arvin Deshmukh, Sreethan Gajula	Marvin Ridge High, Waxhaw
3rd	Effect of Enteric Cooperator Bacteria on Bt's Exogenous Toxin Production	Talon Keeler	Atkins Academic & Technology High School, Winston-Salem
Honorable Mention	Embryo Flush Explained	Carter Hull	North Surry High, Mount Airy

Senior Biological Science B			
1 st	Production of Recombinant Cataract-Inducing alpha-B Crystallin with E. coli	Maximilian Wang	Isaac Bear Early College, Wilmington
2 nd	Inducing Osmotic Stress in C. elegans to Observe Mutation Bias in gpdh-1	Carter Schrag	NC School of Science and Mathematics, Hickory
3rd	Exploring the correlation between mismatch repair (MMR) genes and the fraction of genome altered (FGA) in Glioblastoma multiforme patients	Rayyan Syed	Cannon School, Concord
Honorable Mention	Identifying Sensitivity of Cortical Regions & Elucidating Viable Biomarkers for Parkinson's Patients Using Network Analysis	Isha Mahadeshwar	NC School of Science and Mathematics, Cary

Senior Chemistry			
1 st	Design and Synthesis of a CLIPTAC probe Molecule for the Treatment of EGFR Mutated Adenocarcinoma	Grace Otos	NC School of Science and Mathematics, Burlington
2 nd	Using Time-Resolved Fluorescence Microscopy to Study Molecular Dynamics of the Rix7-NSA1 Interaction in the Ribosome Assembly Pathway	Smruti Patil	Enloe High, Raleigh
3 rd	Synthesis of Hydroxyapatite Nanorods to Create Nanochannels in a Semipermeable Polyamide Membrane to Improve Water Flux in Reverse Osmosis Filtration	Nathan Bost	NC School of Science and Mathematics, Hickory
Honorable Mention	Designing and Optimizing Injection Technique for Single-Guide RNA of Glutathione Synthetase and Gamma-Glutamylcysteine Synthetase for Danio rerio Glutathione Knockout	Maya Roseboro, Scott McFarland	Isaac Bear Early College, Wilmington

Senior Earth/Environmental Science			
1 st	Mapping Soil Organic Carbon for Regenerative Agriculture and Reducing Atmospheric Carbon using Multispectral Satellite Imagery and Machine Learning	Reyansh Bahl	Green Level High School, Cary
2 nd	Designing an Activated Carbon Filter to Reduce Water Contamination from Fire Water Runoff	Riley Johnson	Charles D. Owen High School, Black Mountain
3 rd	Fatal Attraction- The effects of Plastic and Biodegradable Products on Their Surrounding Environment	Logan Tamadon	Isaac Bear Early College, Wilmington
Honorable Mention	PDMAPS Hydrogel for Controlled-Release Fertilizer Application on Plants under Salt Stress	Abigail Xu	NC School of Science and Mathematics, Cary

Senior Engineering			
1 st	Near-Wall Vorticity as an Indicator of Marfan Syndrome	Naveen Ramasamy	NC School of Science and Mathematics, Matthews
2 nd	ARAIID: A Novel Real Time Augmented Reality and Artificial Intelligence Driven Navigation System & Pipeline for Cardiovascular Surgery	Abhinav Gurram, Ethan Sud	Green Hope High School, Cary
3 rd	A Novel Approach to Ocean Liming: Using Rapidly Degrading Bioplastics Derived from Upcycled Waste products and Calcium Carbonate to Remove CO ₂ from the Atmosphere and Reduce Ocean Acidification	Lauren Zuravel	Terry Sanford High, Fayetteville
Honorable Mention	Analyzing the Influence of Algal Blooms on Temperature, Humidity, Ammonia, Air Contaminants, Odorous Gases, VOCs, and Organic Solvent Vapors	Tanav Kalidindi, Sameer Khan	Green Level High School, Cary

Senior Math, Statistics, Data Science			
1 st	Improving Bitcoin's Post-Quantum Transaction Efficiency with a Novel Lattice-Based Aggregate Signature Scheme Based on CRYSTALS-Dilithium and a STARK Protocol	Yunjia Quan	Charlotte Country Day School
2 nd	Identifying Atrial Fibrillation with Stepping Windows	Arihant Singh, Taran Puvvala, Venkata Vadlamudi	The Early College at Guilford, Greensboro
3 rd	Using Advanced Mathematical Modeling and Multivariate Statistical Analysis to Predict Caretta caretta Nest Hatches Given Local Meteorological Data	Johnathan Strickland	Isaac Bear Early College, Wilmington
Honorable Mention	Modeling Nonlinear Transformations Which Reduce The Approximation Error Between The Diffusion Equation Model and Monte Carlo Model for Photon Transport in Diffuse Optical Tomography	Zaynah Khan	Marvin Ridge High, Waxhaw

Senior Physics			
1 st	A Novel Method in Improving the Accuracy of Exoplanet Classification Using Machine Learning	Brian Zhang	Enloe High, Raleigh
2 nd	The Discovery of 13 Ultracool Brown Dwarf Candidates from the UDS Field with 1D-Atmosphere Models and Machine Learning	Ankit Biswas	Providence High, Charlotte
3 rd	Harvesting EMF energy from electronics	Maira Siddiqui	South Iredell High, Statesville
Honorable Mention	Finding the Percentage of Photon Pass Through in Different Materials used in Solar Sails	James Centers	Charles D. Owen High School, Black Mountain

Senior Technology			
1 st	Inexpensive glasses for the visually impaired and blind using AI and OpenCV	Rithinteja Aechan Mehdi Hussain Arnav Mahajan	Green Level High School, Cary
2 nd	RespiScope: A Novel, Low-Cost, Highly Accurate, Easy-to-Use, and Portable Convolutional Neural Network Digital Stethoscope with Respiratory Disease Classification	Venkata Varshith Vadlamudi	Enloe High, Raleigh
3 rd	Detecting Fake News: A Machine Learning Approach	Aditya Binay Anisha Binay	Watauga High School, Boone
Honorable Mention	Computational models for identification of Skin cancer	Adi Chheda	Ardrey Kell High, Charlotte

NCSEF Grand Awards

Senior Division – Regeneron ISEF

NCSEF will nominate up to twelve projects to participate at the **2023 Regeneron International Science and Engineering Fair (ISEF)**. Senior projects are discussed by all of the senior judges for the selection of projects that are felt to be the best representatives for this international student research competition. Selected projects will travel as a group to present their research projects at the Regeneron International Science and Engineering Fair in Dallas, TX on May 14-19, 2023 with student expenses paid by NCSEF.

Regeneron ISEF Nomination

Isabel Garcia	Isaac Bear Early College	Wilmington
Brian Zhang	Enloe High	Raleigh
Rithinteja Aechan, Mehdi Hussain, Arnav Mahajan	Green Level High School	Cary
Reyansh Bahl	Green Level High School	Cary
Maximilian Wang	Isaac Bear Early College	Wilmington
Grace Otos	NC School of Science and Mathematics	Burlington
Yunjia Quan	Charlotte Country Day School	Charlotte
Naveen Ramasamy	NC School of Science and Mathematics	Matthews
Carter Schrag	NC School of Science and Mathematics	Hickory
Riley Johnson	Charles D. Owen High School	Black Mountain
Ankit Biswas	Providence High	Charlotte
Abhinav Gurram, Ethan Sud	Green Hope High School	Cary
Venkata Varshith Vadlamudi	Enloe High	Raleigh
Lauren Zuravel	Terry Sanford High	Fayetteville

Regeneron ISEF Honorable Mention

Venkata Varshith Vadlamudi	Enloe High	Raleigh
Lauren Zuravel	Terry Sanford High	Fayetteville

Junior Division – Thermo Fisher Scientific Junior Innovators Challenge

The 1st and 2nd place winners of the Junior Division will be nominated for the Thermo Fisher Scientific Junior Innovators Challenge National Competition. Students will complete the nomination package. Students will be reviewed with other students from across the country with 300 semi-finalists and 30 finalists selected. The 30 Finalists will compete in person at the event with all expenses paid.

Shalyn Bare	North Wilkes Middle	North Wilkesboro
Elizaveta Emelyanova	Mills Park Middle	Cary
Srinidha Saro PG	Hanes Middle	Winston Salem
Jamie Cheng	Mills Park Middle	Cary
Rowan Baker	Hanes Middle	Winston Salem
Kyle Kinlaw	Greensboro Academy	Greensboro
Saumya Wagh	Davis Drive Middle	Cary
Jayden Cho	The Academy at Lincoln	Greensboro
Samantha Franke	Stanley Middle	Stanley
Aadit Krishna	Weddington Middle	Matthews
Rebecca Hoopes	Margaret B. Pollard Middle	Chapel Hill
Ella Hoffert	Asheville Catholic School	Asheville
Luca Garrido	Hanes Middle	Winston Salem
Eric Chen	Mills Park Middle	Cary
Andreas Hoimes	Mills Park Middle	Cary
Bryan He	The Academy at Lincoln	Greensboro

Special Awards

The North Carolina Science and Engineering Fair is affiliated with the International Science and Engineering Fair (ISEF) Competition. As a result of this affiliation, we have numerous awards to give. These awards will be distributed to projects that meet the guidelines that have been stipulated by the awarding organization or agency as determined by our judges. We also have a number of special awards given by corporations and agencies for our students.

Elementary Special Awards	Student Name(s)	School & City
Association of Women in Science North Carolina Chapter	Amaya Jones	Page Street Elementary, Troy
Girl Scouts of North Carolina Coastal Pines - Creating a Better World	Avadhi Sheth, Avika Sheth	Charles H. Parker Academic Center, Charlotte
NC One Water – 1 st Place	Tyler Shafroth, Aarav Talaviya	Langtree Charter Academy, Mooresville
NC One Water – 2 nd Place	William Lowry	Millennium Charter Academy, Mount Airy
NC One Water – 2 nd Place	Khyathi Male	The Math and Science Academy of Apex
North Carolina Center for Afterschool Programs Elementary Award for Creative in STEM Solutions	April-Grace Marino, Amina Abdullaeva	Endhaven Elementary, Charlotte
SMT Promising Young Researcher Award	Maximilian Solomon	Chesterbrook Academy of Cary
SMT Promising Young Researcher Award	Pierce Richardson	Heyward C Bellamy Elementary, Wilmington
SMT Promising Young Researcher Award	Emma Heron, Ava Delaney, Ayla Cousett-Keyser	Chatham Grove Elementary
Broadcom Coding for Commitment	Luke Johnson	Wrightsville Beach Elementary, Wrightsville Beach
Junior Special Awards	Student Name(s)	School & City
American Psychological Association Certificate of Award	Megan Eguiarte	Triangle Math and Science Academy, Cary
Association of Women in Science-North Carolina Chapter (AWIS-NC) AWARD	Ella Hoffert	Asheville Catholic School
Carolina Biological Award for Excellence	Elizaveta Emelyanova	Mills Park Middle, Cary
Girl Scouts of North Carolina Coastal Pines - Creating a Better World	Khloe Pope	Coats-Erwin Middle, Dunn
DoD STEM Leadership	Matthew Hagler	Phoenix Academy Inc, High Point
Lemelson Early Inventor Prize	Eric Chen	Mills Park Middle, Cary
NC One Water – 1 st Place	Moksha Agrawal	Hanes Middle, Winston Salem
NC One Water – 2 nd Place	Anish Banerjee	Brawley Middle, Mooresville
NC One Water – 3 rd Place	Aadarsh Lakshmanan	Metrolina Regional Scholars Academy, Charlotte

NOAA Taking the Pulse of the Planet Award	Erica Heuser	St. Timothy's School, Raleigh
Advancing Equity through Innovation Award, presented by Thermo Fisher Scientific	Shubhi Gupta, Pihoo Agarwal	Northwest Guilford Middle, Greensboro
Advancing Equity through Innovation Award, presented by Thermo Fisher Scientific	Moksha Agrawal	Hanes Middle, Winston Salem
Advancing Equity through Innovation Award, presented by Thermo Fisher Scientific	Harshil Jagga	Community House Middle, Charlotte
Advancing Equity through Innovation Award, presented by Thermo Fisher Scientific	Aditi Ediga	Mills Park Middle, Cary
Advancing Equity through Innovation Award, presented by Thermo Fisher Scientific	Adam Mohamed, Mohamed Mohamed	Ascend Leadership Academy
United States Air Force Award	Ella Hoffert	Asheville Catholic School
United States Air Force Award	Zachary Hartzog	Overhills Middle, Spring Lake
Office of Naval Research Naval Science Award	Aadarsh Lakshmanan	Metrolina Regional Scholars Academy, Charlotte
Office of Naval Research Naval Science Award	Giorgio Sayde	Mills Park Middle, Cary
Office of Naval Research Naval Science Award	Jayden Cho	The Academy at Lincoln, Greensboro

Senior Special Awards

	Student Name(s)	School and City
American Psychological Association Certificate of Award	Maximus Wilmot	Swain County High School, Bryson City
Association for Women Geoscientists Award for Excellence in Geosciences	Dakota Cornett	Rockingham Co Early College High, Wentworth
Association of Women in Science-North Carolina Chapter (AWIS-NC) AWARD	Allison Owens	NC School of Science and Mathematics, Durham
Carolina Biological Award for Excellence	Jessica Fan	NC School of Science and Mathematics, Durham
Girl Scouts of North Carolina Coastal Pines - Creating a Better World	McKenna Merritt	Surry Central High, Dobson
DLH Award for Excellence in Public Health	Venkata Varshith Vadlamudi	Enloe High, Raleigh
NASA Earth System Science Award	Abraham McTeague-Pospishil, Wilson Davis	Charles D. Owen Middle, Swannanoa; Charles D. Owen High School, Black Mountain
That's Geography Cultivating Empathy for the Earth Award	Aidan Lee, Shitij Govil, Aiden Macqueen	Marvin Ridge High, Waxhaw

NC One Water – 1 st Place	Nathan Bost	NC School of Science and Mathematics, Durham
NC One Water – 2 nd Place	Amelia Linton	NC School of Science and Mathematics, Durham
NC One Water – 3 rd Place	Kaavya Thillaivanan, Rishi Saroya	Panther Creek High, Cary
Office of Naval Research Naval Science Award	Lauren Zuravel	Terry Sanford High, Fayetteville
Office of Naval Research Naval Science Award	Brian Zhang	Enloe High, Raleigh
Office of Naval Research Naval Science Award	Pranav Pamula	Weddington High, Matthews
Regeneron Biomedical Science Award	Isha Mahadeshwar	NC School of Science and Mathematics, Cary
Stockholm Junior Water Prize Nomination	Amelia Linton	NC School of Science and Mathematics, Clayton
Stockholm Junior Water Prize Nomination	Nathan Bost	NC School of Science and Mathematics, Hickory
United States Air Force Award	Leo Parmenter	Owen High School, Asheville
United States Air Force Award	Ian Branigan	NC School of Science and Mathematics
United States Army Award, Biological Science A	Elizabeth Niven, Olivia Alexander	Isaac Bear Early College, Wilmington
United States Army Award, Biological Science A	Isabel Garcia	Isaac Bear Early College, Wilmington
United States Army Award, Biological Science A	Arvin Deshmukh, Sreethan Gajula	Marvin Ridge High, Waxhaw
United States Army Award, Biological Science A	Carter Hull	North Surry High, Mount Airy
United States Army Award, Biological Science B	Liza Greene	Charles D. Owen High School, Black Mountain
United States Army Award, Biological Science B	Linden James	NC School of Science and Mathematics, Durham
United States Army Award, Chemistry	McKenna Merritt	Surry Central High, Dobson
United States Army Award, Chemistry	Nathan Bost	NC School of Science and Mathematics, Hickory
United States Army Award, Earth and Environmental Science	Logan Tamadon	Isaac Bear Early College, Wilmington
United States Army Award, Earth and Environmental Science	Reyansh Bahl	Green Level High School, Cary
United States Army Award, Engineering	Gabriel Mintz, Wyatt Haines	Marvin Ridge High, Waxhaw

United States Army Award,
Engineering

Arsh Jha,
Aneesh Prajapati

Panther Creek High, Cary

United States Army Award,
Engineering

Brendan Henson

Hendersonville High,
Hendersonville

United States Army Award,
Physics and Mathematics

Maira Siddiqui

South Iredell High, Statesville

United States Army Award,
Physics and Mathematics

Nachammai Annamalai

South Iredell High, Statesville

United States Army Award,
Physics and Mathematics

Johnathan Strickland

Isaac Bear Early College,
Wilmington

United States Army Award,
Technology

Anisha Binay,
Aditya Binay

Watauga High, Boone