

# ANNOUNCEMENT OF AWARDS

The 74<sup>th</sup> Georgia Science & Engineering Fair took place March 31 - April 2, 2022 in Athens, Georgia. The award winners listed in this document were selected by the GSEF Judging Team and representatives of sponsoring organizations. Congratulations to these winners, and to each and every exhibitor who advanced to GSEF from a Regional Fair. You have done excellent work and should be very proud!

Special thanks goes to the GSEF Judging Team and Award Sponsors. GSEF would not be possible without you.

**SPECIAL AWARDS** are listed on pages 2-15.  
**GRAND AWARDS** are listed on pages 16-24.  
**HONORS RIBBONS** are listed on pages 25-41.

*GSEF is a program of the Office of Academic Special Programs at the University of Georgia Center for Continuing Education & Hotel, a unit of the Office of Public Service & Outreach.*

*GSEF is an official affiliate of the Regeneron International Science & Engineering Fair.*



**UNIVERSITY OF  
GEORGIA**  
Center for Continuing  
Education & Hotel

**REGENERON  
ISEF**  
A PROGRAM OF  
SOCIETY FOR SCIENCE

# SPECIAL AWARDS

## Agricultural Research Service Award for Excellence in Agricultural Research

*The USDA Agricultural Research Service conducts research to develop and transfer solutions to agricultural problems of high national priority and provide information access and dissemination to: ensure high-quality, safe food, and other agricultural products; assess the nutritional needs of Americans; sustain a competitive agricultural economy; enhance the natural resource base and the environment; and provide economic opportunities for rural citizens, communities, and society as a whole.*

### JUNIOR DIVISION AWARD WINNER:

**Vikram Bora**

How to Amend Martian Regolith to Sustainably Grow Crops

Autrey Mill Middle School - FULTON COUNTY

Fulton County Regional Fair

### SENIOR DIVISION AWARD WINNERS:

**Jack Shipp & Preston Taylor**

Increasing Plant Survivability Through Chemical Applications

Paulding County High School - PAULDING COUNTY

Cobb/Paulding Regional Fair

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## American Meteorological Society Award

*The American Meteorological Society is the nation's leading scientific and professional society advancing the atmospheric and related sciences, technologies, applications, and services for the benefit of society. AMS offers numerous scholarships and fellowships to support students pursuing careers in the field.*

### AWARD WINNERS:

**Mason Below & Maxwell Cleveland**

If We Can't Beat It, Feed It!

Ridgeview Middle School - FULTON COUNTY

Fulton County Regional Fair

**Haelin Lee**

Impacts of Extreme Weather on the Savannah River Water Quality

Gwinnett School of Mathematics, Science &amp; Technology - GWINNETT COUNTY

Gwinnett County Regional Fair

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## American Psychological Association Award

*The American Psychological Association is the largest scientific and professional organization representing psychology in the U.S. APA's mission is to advance the creation, communication and application of psychological knowledge to benefit society and improve lives.*

### AWARD WINNERS:

**Asmi Kumar**

FollowMe: AI to Revolutionize Cortical Visual Impairment Therapy

Milton High School - FULTON COUNTY

Fulton County Regional Fair

**Evan Roberts & Layla Staley**

Color's Effect on Emotions

Thomas County Central High School - THOMAS COUNTY

ABAC Regional Fair

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## ASM Materials Education Foundation Award

*The ASM Materials Education Foundation provides for the advancement of scientific and engineering knowledge through its support of education and research. Thanks to the hard work on the part of ASM volunteers and staff, the foundation is able to provide exciting opportunities for young people, encouraging them to pursue careers in materials, science, and engineering.*

### AWARD WINNERS:

**Olivia DeFrancesco**

Utilizing Titanium Dioxide Nanoparticles to Preserve Statues

Rockdale Magnet School for Science &amp; Technology - ROCKDALE COUNTY

Rockdale County Regional Fair

**Misha Patel**

Nanoparticle-Mediated Drug Delivery for Aortic Aneurysms

Wheeler High School - COBB COUNTY

Cobb/Paulding Regional Fair

## Association for Women Geoscientists Award

*The Association for Women Geoscientists is an international organization devoted to enhancing the quality and level of participation of women in geosciences and to introduce girls and young women to geoscience careers. AWG's diverse interests and expertise cover the entire spectrum of geoscience disciplines and career paths, providing unexcelled networking and mentoring opportunities.*

### AWARD WINNERS:

**Jaabili Gosukonda** Houston County High School - HOUSTON COUNTY  
Superabsorbent Hydrogels for Water Conservation and Plant Growth Houston Regional Fair

**Amy Pham** Elite Scholars Academy Jonesboro - CLAYTON COUNTY  
A Green Method of Removing Immiscible Pollutants From Water Clayton County Regional Fair

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## Augusta University Award

*Augusta University is a public research university and medical center dedicated to training the next generation of innovators, leaders and health care providers. Home to three campuses in Augusta and satellite locations across Georgia, AU is at the forefront of groundbreaking research focused on improving and enriching the human experience. AU offers undergraduate programs in the liberal arts and sciences, business and education as well as a full range of graduate programs and hands-on clinical research opportunities.*

### AWARD WINNER:

**Tanishk Deo** Alpharetta High School - FULTON COUNTY  
Using an Interactive App to Gamify Lung Health Awareness Fulton County Regional Fair

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## Best Integration of Social & Physical Natural Science Award

*The Best Integration of Social and Physical Natural Science Award, sponsored by Dr. Cassandra Johnson Gaither, honors projects that integrate social or behavioral science with physical science and address environmental issues.*

### JUNIOR DIVISION AWARD WINNER:

**Ari Monheit** Atlanta Jewish Academy - FULTON COUNTY  
Are You My Soil Mate? Fulton County Regional Fair

### SENIOR DIVISION AWARD WINNER:

**Roshan Kolachina** McIntosh High School - FAYETTE COUNTY  
Sustainable Eating to Save Our Planet Griffin RESA Regional Fair

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## Boehringer Ingelheim Animal Health Biotechnology Award

*Boehringer Ingelheim Animal Health manufactures some of the most well-respected and widely used vaccines, parasite-control products and therapeutics for pets, horses and livestock. Boehringer Ingelheim Animal Health believes that people and animals are connected in deep and complex ways, and it believes that nurturing an interest in STEM will help enhance the well-being of both.*

### FIRST PLACE JUNIOR DIVISION WINNER:

**Nyambura Sallinen & Keshvee Sekhda** Lanier Middle School - GWINNETT COUNTY  
IdentiCan: The App That Detects Lung Cancer Gwinnett County Regional Fair

### SECOND PLACE JUNIOR DIVISION WINNER:

**Alora Sheley** St. Anne-Pacelli Catholic School - MUSCOGEE COUNTY  
Glowing Bacteria Columbus Regional Fair

### FIRST PLACE SENIOR DIVISION WINNER:

**Vaibhav Mishra** West Laurens High School Dublin - LAURENS COUNTY  
NeuroXNet: A Novel AI Model for Disease Diagnosis and Treatment Georgia College Regional Fair

### SECOND PLACE SENIOR DIVISION WINNER:

**Michelle Li** North Oconee High School - OCONEE COUNTY  
Discovery and Characterization of a Novel Cas9 PAM-Binding Motif Northeast Georgia Regional Fair

## Broadcom MASTERS Nomination

*The Broadcom MASTERS, sponsored by the Society for Science, is the nation's premier science fair competition for 6th, 7th and 8th grade students. Broadcom MASTERS finalists travel to Washington, DC to compete for more than \$100,000 in prizes, including a top prize of \$25,000 and scholarships for STEM summer camps. From the entrants, the Top 300 MASTERS will be selected, followed by 30 finalists. Additionally, each of the finalists' schools receive \$1,000.*

### NOMINEES:

**Shaiel Baca & Tanusha Raviprakash**

How Does Cleaning Up Oil Spills Differentiate Between Regions?

Richards Middle School - MUSCOGEE COUNTY  
Columbus Regional Fair

**Mason Below & Maxwell Cleveland**

If We Can't Beat It, Feed It!

Ridgeview Middle School - FULTON COUNTY  
Fulton County Regional Fair

**Saanvi Bodhireddy & Rhea Menon**

"Cool" Blankets for Glaciers to Make a Better Tomorrow

DeSana Middle School - FORSYTH COUNTY  
Northwest Georgia Regional Fair

**Vikram Bora**

How to Amend Martian Regolith to Sustainably Grow Crops

Autrey Mill Middle School - FULTON COUNTY  
Fulton County Regional Fair

**Noah Cherian**

Which Type of Pulley System Is the Most Efficient?

Autrey Mill Middle School - FULTON COUNTY  
Fulton County Regional Fair

**Shiv Garg**

This Mask or That Mask?

River Trail Middle School - FULTON COUNTY  
Fulton County Regional Fair

**Mahider Gebre**

Meal-Worming Around: The Effect of Mealworms on Plant Growth

Warner Robins Middle School - HOUSTON COUNTY  
Houston Regional Fair

**Om Guin**

Improving Indoor Air Quality for Healthy Lungs

Fulton Science Academy - FULTON COUNTY  
Fulton County Regional Fair

**Akshadha Mehta**

Maskrete: A Viable Approach to Pandemic Pollution of Face Masks

Dodgen Middle School - COBB COUNTY  
Cobb/Paulding Regional Fair

**Ari Monheit**

Are You My Soil Mate?

Atlanta Jewish Academy - FULTON COUNTY  
Fulton County Regional Fair

**Nyambura Sallinen & Keshvee Sekhda**

IdentiCan: The App That Detects Lung Cancer

Lanier Middle School - GWINNETT COUNTY  
Gwinnett County Regional Fair

**Pranav Sambhu**

Work OnPoint

Fulton Science Academy - FULTON COUNTY  
Fulton County Regional Fair

**Eli Sharif**

A Cure for Mask Breath

Covenant Christian School - COBB COUNTY  
Cobb/Paulding Regional Fair

**Riley Sipe**

Improving Carbon Sequestration in Coccolithophores

Sutton Middle School - FULTON (ATLA REGIONAL)  
Atlanta Regional Fair

**Pradhyumna Vasishta**

Infrared Water Purifier

E. T. Booth Middle School - CHEROKEE COUNTY  
Northwest Georgia Regional Fair

**Isabella Waller**

Artificial Pancreas System: Assisting with Glycemic Control

General Ray Davis Middle School - ROCKDALE COUNTY  
Rockdale County Regional Fair

**Jayden Zeigler**

Filtered vs Unfiltered Greywater

Arnold Magnet Academy - MUSCOGEE COUNTY  
Columbus Regional Fair

**Claire Zhou**

Does Rust Affect Magnetism?

River Trail Middle School - FULTON COUNTY  
Fulton County Regional Fair

## Broadcom MASTERS International Delegate

*Broadcom MASTERS International is an experiential award for top competitors from select science fairs around the world. It rewards and celebrates the mastery of science, technology, engineering and math of 7th and 8th grade science fair participants. The program will bring young students from across the globe together to experience enriching STEM activities at the Regeneron International Science & Engineering Fair in May. Georgia's delegates will have the special honor as serving as the "host delegates" this year, as the Regeneron ISEF will be held in Atlanta, Georgia.*

### DELEGATES:

**Nyambura Sallinen & Keshvee Sekhda**

IdentiCan: The App That Detects Lung Cancer

Lanier Middle School - GWINNETT COUNTY

Gwinnett County Regional Fair

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## Department of Defense STEM Leadership Prize

*The DoD STEM Leadership Prize is awarded to a 6th, 7th, or 8th grade student who demonstrates problem solving skills and determination to overcome challenges throughout their research project, and exemplifies leadership qualified through excellent communication skills and creative thinking.*

### AWARD WINNER:

**Riley Sipe**

Improving Carbon Sequestration in Coccolithophores

Sutton Middle School - FULTON (ATLA REGIONAL)

Atlanta Regional Fair

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## GENIUS Olympiad Recommendation

*The GENIUS Olympiad is an international competition for high school students focusing on environmental issues. The students who are nominated today will be invited to submit an online application from which they may be selected for the GENIUS Olympiad, which will be held virtually this year in May and June, 2022.*

### AWARD WINNERS:

**Kameron Bolton**

How Effective Are Mealworms at Breaking Down & Digesting Plastic?

Rockdale Magnet School for Science & Technology - ROCKDALE COUNTY

Rockdale County Regional Fair

**Ann Graham & Hiya Patel**

Measuring Chlorophyll-a to Indicate Eutrophication and Pollution

Paulding County High School - PAULDING COUNTY

Cobb/Paulding Regional Fair

**Emily White**

Sustainable Habitats for Crassostrea virginica

McIntosh High School - FAYETTE COUNTY

Griffin RESA Regional Fair

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## Georgia Aquarium Conservation Award

*Georgia Aquarium is a nonprofit committed to inspiring awareness and preservation of our oceans and aquatic animals worldwide. By educating guests and sparking the interest of school groups, Georgia Aquarium inspires conservation. The Sponsored Education Admission (SEA) program sponsors Aquarium admission from Title I schools and nonprofits in Georgia. Aquarium staff have also built partnerships with local schools that allow students to collaborate with Georgia Aquarium staff using project-based learning. These partnerships include Lovett School students getting hands-on experience with animal behavior training, and Ray Davis Middle School students receiving science fair mentoring. Georgia Aquarium also has an internship program for students 18 years or older which provides pre-professional, experiential learning opportunities for individuals working towards our mission. Sponsoring school groups, collaborating with students' projects and providing internships allows Georgia Aquarium to dedicate time to spreading knowledge of the ocean and aquatic world to the up and coming generation.*

### JUNIOR DIVISION WINNER:

**Veeraj Sharma**

Help Keep the Sea Plastic Free, Biodegradable vs Bio-Plastics

Alton C. Crews Middle School - GWINNETT COUNTY

Gwinnett County Regional Fair

### SENIOR DIVISION WINNER:

**Roshan Kolachina**

Sustainable Eating to Save Our Planet

McIntosh High School - FAYETTE COUNTY

Griffin RESA Regional Fair

***Award continues on following page →***

## ***Georgia Aquarium Conservation Award, continued from previous page***

### HONORABLE MENTIONS:

**Jaabili Gosukonda** Houston County High School - HOUSTON COUNTY  
Superabsorbent Hydrogels for Water Conservation and Plant Growth Houston Regional Fair

**Amy Pham** Elite Scholars Academy Jonesboro - CLAYTON COUNTY  
A Green Method of Removing Immiscible Pollutants From Water Clayton County Regional Fair

**Emily White** McIntosh High School - FAYETTE COUNTY  
Sustainable Habitats for Crassostrea virginica Griffin RESA Regional Fair

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## **Georgia BioGENEius Challenge Award**

*The BioGENEius Challenge is the premier competition for high school students that recognizes outstanding research in biotechnology. The Georgia competition is run by the Biotechnology Institute, who seeks to engage, excite, and educate as many people as possible, particularly young people, about biotechnology and its immense potential to heal the sick, feed the hungry, restore the environment, and fuel the economy. State winners move on to the National and International competitions at the BIO International Convention in San Diego in June 2022.*

### AWARD WINNER:

**Mokshith Mannuru** South Forsyth High School - FORSYTH COUNTY  
Northwest Georgia Regional Fair

### ALTERNATE:

**Varun Sendilraj** Lambert High School - FORSYTH COUNTY  
Northwest Georgia Regional Fair

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## **Georgia Engineering Foundation Award of Excellence for Impact on Better Living**

*GEF dates back to February 1971, when the presidents of fifteen Georgia engineering societies met to discuss forming a non-profit, tax-exempt organization to improve engineering education and the image of the engineer in Georgia. GEF was chartered as a 501(c)(3) charity in July of 1971. GEF is made up of nine professional engineering societies and four associate member organizations.*

### JUNIOR DIVISION WINNER:

**Pranav Sambhu** Fulton Science Academy - FULTON COUNTY  
Work OnPoint Fulton County Regional Fair

### SENIOR DIVISION WINNER:

**Varsha Jacob** Alpharetta High School - FULTON COUNTY  
Factoring Large Primes and the Rivest Shamir Adleman Algorithm Fulton County Regional Fair

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## **Georgia Intellectual Property Alliance Young Inventor's Award, sponsored by Meunier Carlin & Curfman**

*The winner of the GIPA Young Inventor's Award will receive free legal assistance toward obtaining a patent for their research. This award is facilitated by the Georgia Intellectual Property Alliance as part of an initiative to increase awareness and educational resources about IP for all of our talented young inventors and researchers across the state. This sponsored by Meunier Carlin & Curfman, an IP law firm in Atlanta, Georgia.*

### AWARD WINNERS:

**Matthew Braun, Elizabeth Richter & Elizabeth Stinespring** Atlanta Classical Academy - FULTON COUNTY  
Active Model Rocket Descent Controller Fulton County Regional Fair

***Award continues on following page →***

**Georgia Intellectual Property Alliance Young Inventor's Award, sponsored by Meunier Carlin & Curfman, continued from previous page**

1ST ALTERNATE:

**Vaibhav Mishra**

NeuroXNet: A Novel AI Model for Disease Diagnosis and Treatment

West Laurens High School Dublin - LAURENS COUNTY  
Georgia College Regional Fair

2ND ALTERNATE:

**Cayden Shaffer**

Designing and Fabricating a Vortex Aerospike Rocket Engine

Whitewater High School - FAYETTE COUNTY  
Griffin RESA Regional Fair

HONORABLE MENTION:

**Sophia Farinacci**

Hugga: The Healing Heart Buddy

McIntosh High School - FAYETTE COUNTY  
Griffin RESA Regional Fair

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**Georgia Science Teachers Association Award for Creative Problem Solving**

*GSTA seeks to help expand the levels of student achievement. We are the premier organization for sharing best practices in science education in the state of Georgia. Our primary means of networking and collaboration occurs each year at our annual conference. The GSTA Foundation is a nonprofit branch of the GSTA organization.*

JUNIOR DIVISION WINNER:

**Akshadha Mehta**

Maskrete: A Viable Approach to Pandemic Pollution of Face Masks

Dodgen Middle School - COBB COUNTY  
Cobb/Paulding Regional Fair

SENIOR DIVISION WINNER:

**Daylia Lian**

Electrochemical Conversion of CO<sub>2</sub> to Fuels on Cu Electrodes

Johns Creek High School - FULTON COUNTY  
Fulton County Regional Fair

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**Georgia Society of Professional Engineers Best Use of Engineering Skills Award**

JUNIOR DIVISION WINNER:

**Lydia Grimes**

Bridge Design Truss vs Arch

Appling County Middle School - APPLING COUNTY  
South Georgia State College Regional Fair

SENIOR DIVISION WINNER:

**Harsh Singh**

Converting ASL to Audio via Mobile App

McIntosh High School - FAYETTE COUNTY  
Griffin RESA Regional Fair

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**IEEE Atlanta Section Award for Electrical & Mechanical Engineering**

*IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. With a community of over 425,000 technology and engineering professionals around the world, IEEE produces 30% of the world's published literature in electrical engineering, computers and control technology, holds more than 900 major conferences annually and has nearly 900 active standards with 400 under development. The IEEE Atlanta section serves more than 4000 members and 900 students in the northern half of Georgia.*

JUNIOR DIVISION WINNER:

**Tyler Hagenburg**

Hy-Drone

Mason Creek Middle School - DOUGLAS COUNTY  
University of West Georgia Regional Fair

**Award continues on following page →**

**IEEE Atlanta Section Award for Electrical & Mechanical Engineering, continued from previous page**

SENIOR DIVISION WINNER:

**Tanishk Deo**

Using an Interactive App to Gamify Lung Health Awareness

Alpharetta High School - FULTON COUNTY

Fulton County Regional Fair

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**IEEE Atlanta Section Award for Materials & Bioengineering**

*IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. With a community of over 425,000 technology and engineering professionals around the world, IEEE produces 30% of the world's published literature in electrical engineering, computers and control technology, holds more than 900 major conferences annually and has nearly 900 active standards with 400 under development. The IEEE Atlanta section serves more than 4000 members and 900 students in the northern half of Georgia.*

JUNIOR DIVISION WINNER:

**Shiv Garg**

This Mask or That Mask?

River Trail Middle School - FULTON COUNTY

Fulton County Regional Fair

SENIOR DIVISION WINNER:

**Aditya Prabhakar, Edgar Robitaille & Vineeth Sendilraj**

LyphoX: A Frugal Lyophilizer for Cell Components and Vaccines

Lambert High School - FORSYTH COUNTY

Northwest Georgia Regional Fair

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**Impact Award**

*The Impact Award is presented to a student whose project may lead to actual solutions in the future, and it also acknowledges and honors the student's parent and mentor.*

AWARD WINNER:

**Emily White**

Sustainable Habitats for Crassostrea virginica

McIntosh High School - FAYETTE COUNTY

Griffin RESA Regional Fair

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**Inspiring Excellence Award**

*Inspiring Excellence Inc. is a non-profit organization established in 1999 to encourage elementary and high school science fair participants and their teachers to continue their efforts in science. Inspiring Excellence, Inc gives monetary awards that recognize exceptional enthusiasm, effort, and scientific curiosity. Inspiring Excellence was founded by a science fair winner.*

STUDENT WINNERS:

**Kaitlyn Camera**

Can Tree Biodiversity Predict Soil Nutrient Levels and pH?

Centennial High School - FULTON COUNTY

Fulton County Regional Fair

**Jose Funes**

Effect of Smoke on Aquatic Ecosystems

Rockdale Magnet School for Science & Technology - ROCKDALE COUNTY

Rockdale County Regional Fair

**William Hurrelbrink**

Do Certain Scents Help or Hurt Your Focus?

Bonaire Middle School - HOUSTON COUNTY

Houston Regional Fair

**Abbagail Lee**

Don't Get Distracted!

Bonaire Middle School - HOUSTON COUNTY

Houston Regional Fair

**Marcus Lee**

Does Tailless Stand Up?

Warner Robins Middle School - HOUSTON COUNTY

Houston Regional Fair

**Award continues on following page →**



## ***Inspiring Excellence Award, continued from previous page***

**Lauren McWilliams** Rockdale Magnet School for Science & Technology - ROCKDALE COUNTY  
Parthenolide as a Preventative Cancer Agent Rockdale County Regional Fair

**Deeya Mepani** North Oconee High School - OCONEE COUNTY  
Supplements: Life Savers?! Northeast Georgia Regional Fair

**Payton Morgan West** Thomas County Middle School - THOMAS COUNTY  
Moon Phases and Translocation of Quail ABAC Regional Fair

### TEACHER WINNER:

**Melanie Mann** Warner Robins Middle School - HOUSTON COUNTY

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## **Lemelson Early Inventor Prize**

*The Lemelson Early Inventor Prize is awarded to a 6th, 7th, or 8th grade project that applies empathy, STEM knowledge, and entrepreneurial thinking in addressing a critical problem that impacts their life or the lives of their family or community.*

### AWARD WINNER:

**Pranav Sambhu** Fulton Science Academy - FULTON COUNTY  
Work OnPoint Fulton County Regional Fair

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## **Mercer University School of Medicine Award**

*The mission of the Mercer University School of Medicine focuses on training physicians to meet the healthcare needs of rural and underserved areas of Georgia. The School encourages young scientists in these areas to set high educational goals and challenge themselves to become tomorrow's healthcare providers and leaders in our state. The Mercer University School of Medicine Scholarship Award goes to outstanding projects in life sciences research that may lead to new discoveries in the diagnosis and treatment of disease or in understanding the causal factors of population health risks.*

### JUNIOR DIVISION WINNER:

**Teah Iossifov & Addison Whidby** Georgia College Early College - BALDWIN COUNTY  
Child vs Adult Memory Georgia College Regional Fair

### SENIOR DIVISION WINNER:

**McKenzie Walker** Jasper County High School - JASPER COUNTY  
The Effect of Macromolecule Consumption on Basal Metabolic Rate Georgia College Regional Fair

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## **Mu Alpha Theta Mathematics Award**

*Mu Alpha Theta was formed over 50 years ago to develop strong scholarship in Mathematics and to promote the understanding and enjoyment of the subject. The Mu Alpha Theta Award is given to the most challenging, thorough, and creative investigation of a problem involving mathematics accessible to high school students. Components of the investigation may include, but are not limited to, mathematical proof, mathematical modeling, statistical analysis, visualization, simulation, and approximation.*

### AWARD WINNERS:

**Hrishikesh Bagalkote, John Prewitt & Samarth Shridhar** GSMST - GWINNETT COUNTY  
Image-Classifying LiDAR Wearable for the Visually Impaired Gwinnett County Regional Fair

**Varsha Jacob** Alpharetta High School - FULTON COUNTY  
Factoring Large Primes and the Rivest Shamir Adleman Algorithm Fulton County Regional Fair

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## NASA Earth System Science Award

*The purpose of NASA's Earth science program is to develop a scientific understanding of Earth's system and how it responds to changes that occur as a result of natural and human-made causes. NASA is involved in numerous research and educational efforts, working to find answers to questions related to these complex interactions. Through a variety of Earth system satellite missions, NASA is striving to provide researchers and scientists with the data they need to find these answers.*

### AWARD WINNERS:

**Roshan Kolachina**

Sustainable Eating to Save Our Planet

McIntosh High School - FAYETTE COUNTY  
Griffin RESA Regional Fair

**Emily White**

Sustainable Habitats for Crassostrea virginica

McIntosh High School - FAYETTE COUNTY  
Griffin RESA Regional Fair

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## National Geographic Society That's Geography! - Cultivating Empathy for the Earth Award

*This award goes to a student who is seeking solutions to the Earth's most pressing challenges, in particular, around oceans, land, wildlife, human history and cultures, and human ingenuity.*

### AWARD WINNER:

**Emily White**

Sustainable Habitats for Crassostrea virginica

McIntosh High School - FAYETTE COUNTY  
Griffin RESA Regional Fair

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## National Youth Science Camp Award

*The National Youth Science Camp is an elite residential science education program that honors and challenges two graduating high school science students from each state and others from around the world.*

### AWARD WINNERS:

**Prajwal Saokar**

Lambert High School - FORYTH COUNTY  
Northwest Georgia Regional Fair

**Sahil Sood**

Lambert High School - FORYTH COUNTY  
Northwest Georgia Regional Fair

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## Naval Science Award

*The Naval Science Awards Program is a U.S. Navy and Marine Corps program that encourages our nation's students to develop and retain an interest in science and engineering. NSAP recognizes the accomplishments of eligible students at regional and state science and engineering fairs and the International Science and Engineering Fair (ISEF) in producing and presenting quality science and engineering projects. The Office of Naval Research (ONR) sponsors NSAP for the U. S. Navy and Marine Corps. ONR coordinates, executes, and promotes science and technology programs of the Naval services through universities, government laboratories, and nonprofit and for-profit organizations. Fostering an academic interest in Naval-relevant science and engineering from high school through post-doctoral levels is of great importance to ONR.*

### JUNIOR DIVISION AWARD WINNERS:

**Anagha Macheri**

The Relationship Between Fluid Density and Buoyant Force

Malcom Bridge Middle School - OCONEE COUNTY  
Northeast Georgia Regional Fair

**Emma Mathis**

IM Swimming to the Beat

Aaron Cohn Middle School - MUSCOGEE COUNTY  
Columbus Regional Fair

***Award continues on following page →***

## ***Naval Science Award, continued from previous page***

### SENIOR DIVISION AWARD WINNERS:

**Dylan Burkey** Rockdale Magnet School for Science & Technology - ROCKDALE COUNTY  
The Effect of Resveratrol on Cognitive Function in *C. elegans* Rockdale County Regional Fair

**Fatoumata Diakite** Rockdale Magnet School for Science & Technology - ROCKDALE COUNTY  
Developing a Device That Accelerates Recovery Heart Rate Rockdale County Regional Fair

**Phil Carter Tussi** Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY  
A Vibrational Feedback System for Tactile Sensory Rehabilitation Gwinnett County Regional Fair

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## **NOAA - Taking the Pulse of the Planet Award**

*The National Oceanic & Atmospheric Administration (NOAA) is the U.S. government agency with a mission of science, service, and stewardship. Its mission touches the lives of every American, protecting life and property and conserving and protecting natural resources.*

### JUNIOR DIVISION AWARD WINNER:

**Riley Sipe** Sutton Middle School - FULTON (ATLA REGIONAL)  
Improving Carbon Sequestration in Coccolithophores Atlanta Regional Fair

### SENIOR DIVISION AWARD WINNER:

**Aadhav Prabu** Chattahoochee High School - FULTON COUNTY  
GlacierX: Modeling Volume of Silica to Preserve Glaciers Using AI Fulton County Regional Fair

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## **PCOM Georgia Osteopathic Medicine Award**

*PCOM Georgia is a private, not-for-profit branch campus of the fully accredited Philadelphia College of Osteopathic Medicine, a multi-program institution with a more than century-old tradition of educational excellence. PCOM Georgia offers a range of health-related degree programs, enabling students to gain an education close to home with the aim of serving the health needs of their communities and the region. The 23-acre campus, located at 625 Old Peachtree Road in Suwanee, includes the 172,000-square-foot Old Peachtree building which features large and small classrooms, conference areas and study spaces. The Old Peachtree building also houses research and multi-use basic science laboratories, an anatomy laboratory, the Simulation Center, three pharmacy practice labs, a large osteopathic manipulative medicine practice suite and the Physical Therapy Education Center.*

### AWARD WINNER:

**Lauren McWilliams** Rockdale Magnet School for Science & Technology - ROCKDALE COUNTY  
Parthenolide as a Preventative Cancer Agent Rockdale County Regional Fair

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## **Regeneron Biomedical Science Award**

*This award goes to an exceptional student scientist who not only demonstrates an impressive command of biomedical science and research but also embodies Regeneron's core values and behaviors: Lead with science, Take on big ideas, Make it happen, Be great together, and Do what's right.*

### AWARD WINNER:

**Misha Patel** Wheeler High School - COBB COUNTY  
Nanoparticle-Mediated Drug Delivery for Aortic Aneurysms Cobb/Paulding Regional Fair

## Ricoh Sustainable Development Award

*Ricoh is a global technology company specializing in office imaging equipment, production print solutions, document management systems and IT services. Ricoh has a long-standing environmental mission and commitment to sustainability, bringing corporate, social and environmental responsibilities into balance.*

### AWARD WINNER:

**Dua Bashir** Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY  
The Effect of Powdered Orange Peels on the Removal of Textile Dye Gwinnett County Regional Fair

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## Sigma Xi, CDC Chapter Public Health Science Award - Junior Division

*Sigma Xi, The Scientific Research Society is the international honor society of science and engineering. One of the oldest and largest scientific organizations in the world, Sigma Xi has a distinguished history of service to science and society for more than one hundred and twenty five years. The Centers for Disease Control and Prevention (CDC) Chapter of Sigma Xi promotes education and careers in public health science and related disciplines.*

### JUNIOR DIVISION AWARD WINNER:

**Shiv Garg** River Trail Middle School - FULTON COUNTY  
This Mask or That Mask? Fulton County Regional Fair

### SENIOR DIVISION AWARD WINNER:

**Ishan Mahajan & Srirag Tatavarti** Lambert High School - FORSYTH COUNTY  
The Use of MoMo30 in Developing a Novel Drug Against COVID-19 Northwest Georgia Regional Fair

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## Society for In Vitro Biology Award

*The Society for In Vitro Biology (SIVB) was founded in 1946 as the Tissue Culture Association to foster exchange of knowledge of in vitro biology of cells, tissues and organs from both plan and animals (including humans). The focus is on biological research, development, and applications of significance to science and society.*

### AWARD WINNERS:

**Yanglei Lily Lin** Woodward Academy - FULTON COUNTY  
Perivascular Adipose Tissue Promotes Vessel Dysfunction in Lupus IIs Fulton County Regional Fair

**Lauren McWilliams** Rockdale Magnet School for Science & Technology - ROCKDALE COUNTY  
Parthenolide as a Preventative Cancer Agent Rockdale County Regional Fair

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## Stockholm Junior Water Prize Regional Award

*The Stockholm Junior Water Prize (SJWP) is the most prestigious international award for a water-related science project at the high school level. The Stockholm International Water Institute (SIWI) established the SJWP competition in 1997 to mirror the Stockholm Water Prize, the world's most prominent award for outstanding achievements in water-related activities. The international competition is an impressive week-long event that occurs during World Water Week each August or September in Stockholm, Sweden; and, the award is presented by a member of the Royal Family. WEF and its Member Associations have been organizing the U.S. competition for two decades, and are nationally sponsored by Xylem Inc.*

### NOMINEES:

**Elisa Banks & Annabel Lee** Paul Duke STEM High School - GWINNETT COUNTY  
Effect of Organic vs Non-Organic Fertilizers on Eisenia fatida Gwinnett County Regional Fair

**Award continues on following page →**

## ***Stockholm Junior Water Prize Regional Nomination, continued from previous page***

**Elizabeth Campbell, Cianna French & Marilyne Makendi** Paulding County High School - PAULDING COUNTY  
Evaluating Biodiversity of Man-Made Water Sources in a BSL 1 Lab Cobb/Paulding Regional Fair

**Amy Pham** Elite Scholars Academy Jonesboro - CLAYTON COUNTY  
A Green Method of Removing Immiscible Pollutants From Water Clayton County Regional Fair

**Emily White** McIntosh High School - FAYETTE COUNTY  
Sustainable Habitats for *Crassostrea virginica* Griffin RESA Regional Fair

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## **UGA Cellular Biology Department Award**

*The Department of Cellular Biology at the University of Georgia offers students a high quality education and hands-on experience, with our highly qualified faculty and diverse areas of research. We offer a BS, MS and PhD in Cellular Biology. The Bachelor of Science degree in Cellular Biology is a liberal arts degree. Although it is not a preprofessional program, the major in Cellular Biology is often chosen by students who wish to prepare themselves for professional studies in medicine, veterinary medicine, dentistry, or optometry, as well as by those who intend to pursue graduate studies leading to an M.S. or Ph.D. Cellular Biology is a young discipline in biological sciences and encompasses many of the recent dramatic discoveries relating to the mechanisms of cell life, developmental biology, and immunology.*

### JUNIOR DIVISION AWARD WINNER:

**Anushka Sable** Wadsworth Magnet School - DEKALB COUNTY  
A Scientific Model to Understand the Protection by Antibodies DeKalb County Regional Fair

### SENIOR DIVISION AWARD WINNER:

**Jean Yu** Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY  
The Role of Ribosomal RNA Modifications in Ribosome Biogenesis Gwinnett County Regional Fair

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## **UGA Charter Scholarship Award**

*Last year, UGA awarded **more than \$7 million** in scholarships and awards from University Foundation funds to undergraduate students. Approximately 14% of enrolled first-year students received an academic scholarship from UGA. The UGA Charter Scholarship is typically awarded to 225-275 new students demonstrating outstanding achievement in academics and other criteria contained in the Philosophy Statement of Admissions. The scholarship is renewable for eight semesters with full-time enrollment and a 3.0 UGA GPA.*

### SCHOLARSHIP RECIPIENTS:

**Ann Graham** Paulding County High School - PAULDING COUNTY  
Cobb/Paulding Regional Fair

**Deeya Mepani** North Oconee High School - OCONEE COUNTY  
Northeast Georgia Regional Fair

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## **UGA Mathematics Department Award**

*The University of Georgia Department of Mathematics offers four degrees: Bachelor of Science (B.S.), Master of Arts (M.A.), Master of Applied Mathematical Sciences (M.A.M.S.), and Doctor of Philosophy (Ph.D.), as well as a Double Dawgs 5-year program which combines the B.S. and M.A. in Mathematics.*

### JUNIOR DIVISION AWARD WINNER:

**Dinah Henkin** The STEM Academy at Bartlett - CHATHAM COUNTY  
How Does Solution Affect How Medicine Dissolves Savannah State University Regional Fair

### SENIOR DIVISION AWARD WINNER:

**Varsha Jacob** Alpharetta High School - FULTON COUNTY  
Factoring Large Primes and the Rivest Shamir Adleman Algorithm Fulton County Regional Fair

## UGA Microbiology Department Award

*Founded in 1952 in the Franklin College of Arts and Sciences at the University of Georgia, the Department of Microbiology has enjoyed sustained growth and has developed an international reputation in prokaryotic biology. The department has approximately 40 faculty affiliates who lead vigorous and innovative research programs in a wide variety of areas of microbiology.*

### JUNIOR DIVISION AWARD WINNER:

**Roshan Selvaraj**

Decreasing the pH of Peracetic Acid Solution Decreases Salmonella

Malcom Bridge Middle School - OCONEE COUNTY  
Northeast Georgia Regional Fair

### SENIOR DIVISION AWARD WINNER:

**Margaret Wade**

Bacterial Antibiotic Resistance in Non-Hospital Settings

Savannah Arts Academy - CHATHAM COUNTY  
Savannah State University Regional Fair

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## UGA Physics & Astronomy Department Award

### JUNIOR DIVISION AWARD WINNER:

**Anagha Macheri**

The Relationship Between Fluid Density and Buoyant Force

Malcom Bridge Middle School - OCONEE COUNTY  
Northeast Georgia Regional Fair

### SENIOR DIVISION AWARD WINNER:

**Anna Njie & Cailon Spriggs-Green**

Using Standing Waves to Study Waves' Behavior

Stilwell School of the Arts - CLAYTON COUNTY  
Clayton County Regional Fair

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## U.S. Agency for International Development Science Champion Award

*USAID is the world's premier international development agency and a catalytic actor driving development results. USAID's work advances U.S. national security and economic prosperity, demonstrates American generosity, and promotes a path to recipient self-reliance and resilience. USAID recognizes that young scientists have the potential to significantly impact the lives of people around the world.*

### AWARD WINNERS:

**Teegan Fitzgerald, Dawson Leveridge & Cameron Morani**

Creating a Super Absorbent Polymer Using Citrus Fruit Peels

Paulding Co. High School - PAULDING COUNTY  
Cobb/Paulding Regional Fair

**Daylia Lian**

Electrochemical Conversion of CO<sub>2</sub> to Fuels on Cu Electrodes

Johns Creek High School - FULTON COUNTY  
Fulton County Regional Fair

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## U.S. Air Force Achievement Award

*The Air Force Research Laboratory is a global technical enterprise, boasting some of the best and brightest leaders in the world. We are Revolutionary, Relevant, and Responsive to the Warfighter. We defend America by unleashing the unconquerable power of scientific and technical innovation. Our mission is leading the discovery, development, and integration of affordable warfighting technologies for our air, space, and cyberspace force.*

### AWARD WINNERS:

**Vinod Ruppa-Kasani**

Rapid Detection and Inactivation of SARS-CoV-2 with Nanomaterial

Chattahoochee High School - FULTON COUNTY  
Fulton County Regional Fair

**Amay Shah**

Using Thermal Imaging to Efficiently Detect Wildfires From a UAV

Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY  
Gwinnett County Regional Fair

## U.S. Metric Association Award

*The US Metric Association (USMA), Inc., is a national non-profit organization that was founded in 1916. USMA advocates completing the US conversion to the International System of Units, known by the symbol SI (ess-eye) and also called the metric system. The process of changing measurement units to the metric system is called metric transition or metrication.*

### AWARD WINNERS:

**Ann Graham & Hiya Patel**

Measuring Chlorophyll-a to Indicate Eutrophication and Pollution

Paulding County High School - PAULDING COUNTY  
Cobb/Paulding Regional Fair

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## Yale Science & Engineering Association Award

*YSEA connects alumni with students, the University, and each other to strengthen the Yale science and engineering community. It comprises alumni working together to strengthen Yale's education of leaders for a world increasingly dominated by science and technology.*

### AWARD WINNERS:

**Daylia Lian**

Electrochemical Conversion of CO<sub>2</sub> to Fuels on Cu Electrodes

Johns Creek High School - FULTON COUNTY  
Fulton County Regional Fair

**Carlos Zambrano**

The Effects of Gravitational Lensing on Our Perception of Space

Statesboro High School - BULLOCH COUNTY  
Savannah State University Regional Fair

## GSEF PIN DESIGN CONTEST WINNER

*Each year, GSEF participants look forward to receiving a commemorative, collectible pin that represents STEM and the state of Georgia. Students who advance to the Regeneration International Science & Engineering Fair exchange a set of pins with fellow ISEF exhibitors from all over the world at the official ISEF Pin Exchange Ceremony. The design is also featured on the cover of the GSEF printed program.*

### CONTEST WINNER:

**Makeda Hailu**

Benjamin E. Mays High School - FULTON (ATLA REGIONAL)  
Atlanta Regional Fair



# GRAND AWARDS - JUNIOR DIVISION

## Junior Division Student Choice Awards

### GROSSEST PROJECT:

**Tara Hall**

Can Cleaning Out Earwax Help Hearing?

Bonaire Middle School - HOUSTON COUNTY  
Houston Regional Fair

### "NEVER WOULD HAVE THOUGHT OF THAT":

**Shiv Garg**

This Mask or That Mask?

River Trail Middle School - FULTON COUNTY  
Fulton County Regional Fair

### BEST OVERALL:

**Mason Below & Maxwell Cleveland**

If We Can't Beat It, Feed It!

Ridgeview Middle School - FULTON COUNTY  
Fulton County Regional Fair

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## Junior Division Best in Category

### ANIMAL SCIENCE:

**Emma Mathis**

IM Swimming to the Beat

Aaron Cohn Middle School - MUSCOGEE COUNTY  
Columbus Regional Fair

### BEHAVIORAL & SOCIAL SCIENCE:

**Micah Frazier**

Tweens' and Teens' Opinions on the COVID-19 Vaccine

General Ray Davis Middle School - ROCKDALE COUNTY  
Rockdale County Regional Fair

### BIOCHEMISTRY:

**Tyler Blythe, Blaise Jackson & Johnny Kafader**

From Peel to Wheel

William James Middle School - BULLOCH COUNTY  
Savannah State University Regional Fair

### BIOMEDICAL & HEALTH SCIENCE:

**Shiv Garg**

This Mask or That Mask?

River Trail Middle School - FULTON COUNTY  
Fulton County Regional Fair

### BIOMEDICAL ENGINEERING:

**Isabella Waller**

Artificial Pancreas System: Assisting with Glycemic Control

General Ray Davis Middle School - ROCKDALE COUNTY  
Rockdale County Regional Fair

### CELLULAR & MOLECULAR BIOLOGY:

**Anushka Sable**

A Scientific Model to Understand the Protection by Antibodies

Wadsworth Magnet School - DEKALB COUNTY  
DeKalb County Regional Fair

### CHEMISTRY:

**Muriel Chan**

Effect of Zingibain on Pork, Beef, and Chicken

J. C. Booth Middle School - FAYETTE COUNTY  
Griffin RESA Regional Fair

### EARTH & ENVIRONMENTAL SCIENCE:

**Ari Monheit**

Are You My Soil Mate?

Atlanta Jewish Academy - FULTON COUNTY  
Fulton County Regional Fair



ENERGY: CHEMICAL:

**Brady Basquin, Aryan Patel & Parker Richardson**  
Burning Calories

William James Middle School - BULLOCH COUNTY  
Savannah State University Regional Fair

ENERGY: PHYSICAL:

**Thomas Bradford**  
Turning Turbines

Fairplay Middle School - DOUGLAS COUNTY  
West Georgia Regional Fair

ENGINEERING MECHANICS:

**Tyler Hagenburg**  
Hy-Drone

Mason Creek Middle School - DOUGLAS COUNTY  
West Georgia Regional Fair

ENVIRONMENTAL ENGINEERING:

**Akshadha Mehta**  
Maskrete: A Viable Approach to Pandemic Pollution of Face Masks

Dodgen Middle School - COBB COUNTY  
Cobb/Paulding Regional Fair

MATERIALS SCIENCE:

**Spencer Pack**  
Materials vs Decibels

The King's Academy - CHEROKEE COUNTY  
Northwest Georgia Regional Fair

MICROBIOLOGY:

**Riley Sipe**  
Improving Carbon Sequestration in Coccolithophores

Sutton Middle School - FULTON (ATLA REGIONAL)  
Atlanta Regional Fair

PHYSICS & ASTRONOMY:

**Claire Zhou**  
Does Rust Affect Magnetism?

River Trail Middle School - FULTON COUNTY  
Fulton County Regional Fair

PLANT SCIENCE:

**Vikram Bora**  
How to Amend Martian Regolith to Sustainably Grow Crops

Autrey Mill Middle School - FULTON COUNTY  
Fulton County Regional Fair

ROBOTICS & INTELLIGENT MACHINES:

**Pranav Sambhu**  
Work OnPoint

Fulton Science Academy - FULTON COUNTY  
Fulton County Regional Fair

TRANSLATIONAL MEDICAL SCIENCE:

**Nyambura Sallinen & Keshvee Sekhda**  
IdentiCan: The App That Detects Lung Cancer

Lanier Middle School - GWINNETT COUNTY  
Gwinnett County Regional Fair

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## Junior Division Outstanding 6th, 7th, 8th Grade Projects

OUTSTANDING 6TH GRADE PROJECT:

**Akshadha Mehta**  
Maskrete: A Viable Approach to Pandemic Pollution of Face Masks

Dodgen Middle School - COBB COUNTY  
Cobb/Paulding Regional Fair

OUTSTANDING 7TH GRADE PROJECT:

**Nyambura Sallinen & Keshvee Sekhda**  
IdentiCan: The App That Detects Lung Cancer

Lanier Middle School - GWINNETT COUNTY  
Gwinnett County Regional Fair

OUTSTANDING 8TH GRADE PROJECT:

**Vikram Bora**  
How to Amend Martian Regolith to Sustainably Grow Crops

Autrey Mill Middle School - FULTON COUNTY  
Fulton County Regional Fair

**Georgia Science & Engineering Fair  
Junior Pinnacle Award**

**Akshadha Mehta**

*Maskrete: A Viable Approach to Pandemic Pollution of Face Masks*

Dodgen Middle School - COBB COUNTY

Cobb/Paulding Regional Fair



# GRAND AWARDS - SENIOR DIVISION

## Senior Division Best in Category

### ANIMAL SCIENCE:

**Nicholas Jackson**

How the Egg Crumbles?

Johnson County High School - JOHNSON COUNTY

Georgia College Regional Fair

### BEHAVIORAL & SOCIAL SCIENCE:

**Asmi Kumar**

FollowMe: AI to Revolutionize Cortical Visual Impairment Therapy

Milton High School - FULTON COUNTY

Fulton County Regional Fair

### BIOCHEMISTRY:

**Michelle Li**

Discovery and Characterization of a Novel Cas9 PAM-Binding Motif

North Oconee High School - OCONEE COUNTY

Northeast Georgia Regional Fair

### BIOMEDICAL & HEALTH SCIENCE:

**Amani Roberson**

The Impact of Estrogens on Amenorrhea-Induced Osteoporosis

Rockdale Magnet School for Science & Technology - ROCKDALE COUNTY

Rockdale County Regional Fair

### BIOMEDICAL ENGINEERING:

**Hakimuddin Kitabwalla & Luc Nguyen**

Low-Cost 3D Printed Modular & Adjustable Pediatric Prosthetic Leg

GSMST - GWINNETT COUNTY

Gwinnett County Regional Fair

### CELLULAR & MOLECULAR BIOLOGY:

**Jean Yu**

The Role of Ribosomal RNA Modifications in Ribosome Biogenesis

Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY

Gwinnett County Regional Fair

### CHEMISTRY:

**Amy Pham**

A Green Method of Removing Immiscible Pollutants From Water

Elite Scholars Academy Jonesboro - CLAYTON COUNTY

Clayton County Regional Fair

### COMPUTATIONAL BIOLOGY & BIOINFORMATICS:

**Vaibhav Mishra**

NeuroXNet: A Novel AI Model for Disease Diagnosis and Treatment

West Laurens High School Dublin - LAURENS COUNTY

Georgia College Regional Fair

### EARTH & ENVIRONMENTAL SCIENCE:

**Dua Bashir**

The Effect of Powdered Orange Peels on the Removal of Textile Dye

Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY

Gwinnett County Regional Fair

### EMBEDDED SYSTEMS:

**Jonathan Dorminy**

Novel Application of Lock-In Amplifiers With 2-Bit FSK

Sola Fide Home School - HENRY COUNTY

Henry County Regional Fair

### ENERGY: CHEMICAL:

**Daylia Lian**

Electrochemical Conversion of CO<sub>2</sub> to Fuels on Cu Electrodes

Johns Creek High School - FULTON COUNTY

Fulton County Regional Fair

### ENERGY: PHYSICAL:

**Natalie Harris, Rebekah Nunez & Zachary Ramsey**

Parachutes Made With Different Materials

Jasper County High School - JASPER COUNTY

Georgia College Regional Fair

ENGINEERING MECHANICS:

**Cayden Shaffer**

Designing and Fabricating a Vortex Aerospike Rocket Engine

Whitewater High School - FAYETTE COUNTY  
Griffin RESA Regional Fair

ENVIRONMENTAL ENGINEERING:

**Emily White**

Sustainable Habitats for Crassostrea virginica

McIntosh High School - FAYETTE COUNTY  
Griffin RESA Regional Fair

MATERIALS SCIENCE:

**Aaditya Saha**

3D-Printed Diatom-Biomimicking Materials Using Unsupervised ML

Chamblee Charter High School - DEKALB COUNTY  
DeKalb County Regional Fair

MATHEMATICS:

**Varsha Jacob**

Factoring Large Primes and the Rivest Shamir Adleman Algorithm

Alpharetta High School - FULTON COUNTY  
Fulton County Regional Fair

MICROBIOLOGY:

**Margaret Wade**

Bacterial Antibiotic Resistance in Non-Hospital Settings

Savannah Arts Academy - CHATHAM COUNTY  
Savannah State University Regional Fair

PHYSICS & ASTRONOMY:

**Max Bee-Lindgren**

Finding Transition Amplitudes Using the Quantum Rodeo Algorithm

Decatur High School - DEKALB COUNTY  
DeKalb County Regional Fair

PLANT SCIENCE:

**Sheil Dharan**

CropsML: Using Deep Learning Techniques to Predict Plant Diseases

Denmark High School - FORSYTH COUNTY  
Northwest Georgia Regional Fair

ROBOTICS & INTELLIGENT MACHINES:

**Samarth Mahapatra**

Machine Learning Based Cooking Guidance System

Wheeler High School - COBB COUNTY  
Cobb/Paulding Regional Fair

SYSTEMS SOFTWARE:

**Hrishikesh Bagalkote, John Prewitt & Samarth Shridhar**

Image-Classifying LiDAR Wearable for the Visually Impaired

GSMST - GWINNETT COUNTY  
Gwinnett County Regional Fair

TRANSLATIONAL MEDICAL SCIENCE:

**Arjan Kohli**

Optimizing ML Algorithms for Multiclass Neuroimaging Segmentation

Peachtree Ridge High School - GWINNETT COUNTY  
Gwinnett County Regional Fair

## Regional Fair Regeneron ISEF Finalists

*Regional Fairs across the state that are directly affiliated with the Regeneron International Science & Engineering Fair may select winners to advance to the ISEF competition. These students were awarded this honor at their Regional Fair prior to advancing to GSEF. Congratulations!*



### ATLANTA REGIONAL FINALISTS:

**Avi Crosby, Solunne Fedovskiy & Lily Reilly** Midtown High School - FULTON (ATLA REGIONAL)  
Which Acne Medications Prevent the Growth of Staphylococcus Atlanta Regional Fair

**Emma Lilly & Sophia White** North Atlanta High School - FULTON (ATLA REGIONAL)  
Do Relatives in Families Have Similar Fingerprints? Atlanta Regional Fair

**Ai Phan** Atlanta Girls School - FULTON COUNTY  
Project Titan-Phyto Atlanta Regional Fair

### CLAYTON COUNTY REGIONAL FINALISTS:

**Amy Pham** Elite Scholars Academy Jonesboro - CLAYTON COUNTY  
A Green Method of Removing Immiscible Pollutants From Water Clayton County Regional Fair

### COBB/PAULDING REGIONAL FINALIST:

**Rohan Kalia** Wheeler High School - COBB COUNTY  
Detecting Glaucoma From Retinal Fundus Images Using Deep Learning Cobb/Paulding Regional Fair

**Misha Patel** Wheeler High School - COBB COUNTY  
Nanoparticle-Mediated Drug Delivery for Aortic Aneurysms Cobb/Paulding Regional Fair

### DEKALB COUNTY REGIONAL FINALISTS:

**Aaditya Saha** Chamblee Charter High School - DEKALB COUNTY  
3D-Printed Diatom-Biomimicking Materials Using Unsupervised ML DeKalb County Regional Fair

### FULTON COUNTY REGIONAL FINALISTS:

**Sahil Hemrajani & Ibrahim Mohammad** Chattahoochee High School - FULTON COUNTY  
Using Fluorescent Imaging to Make Cancer Detection More Accurate Fulton County Regional Fair

**Asmi Kumar** Milton High School - FULTON COUNTY  
FollowMe: AI to Revolutionize Cortical Visual Impairment Therapy Fulton County Regional Fair

**Vinod Ruppa-Kasani** Chattahoochee High School - FULTON COUNTY  
Rapid Detection and Inactivation of SARS-CoV-2 with Nanomaterial Fulton County Regional Fair

### GEORGIA COLLEGE REGIONAL FINALISTS:

**Vaibhav Mishra** West Laurens High School Dublin - LAURENS COUNTY  
NeuroXNet: A Novel AI Model for Disease Diagnosis and Treatment Georgia College Regional Fair

GRIFFIN RESA REGIONAL FINALISTS:

**Nathaly Rangel-Gonzalez & Jesna Thomas**  
COVID Prevention: More Precise Contact Tracing

Fayette County High School - FAYETTE COUNTY  
Griffin RESA Regional Fair

**Alyssa Reed**  
Redesigning Carbon Monoxide Detectors for Industrial Environments

Fayette County High School - FAYETTE COUNTY  
Griffin RESA Regional Fair

**Emily White**  
Sustainable Habitats for Crassostrea virginica

McIntosh High School - FAYETTE COUNTY  
Griffin RESA Regional Fair

GWINNETT COUNTY REGIONAL FINALISTS:

**Dua Bashir** Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY  
The Effect of Powdered Orange Peels on the Removal of Textile Dye Gwinnett County Regional Fair

**Joseph Gorman & Jonathan Gutknecht** GSMST - GWINNETT COUNTY  
Small Satellite and Launch Vehicle for Climate Change Research Gwinnett County Regional Fair

**Matthew Kim** Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY  
Search and Rescue System Using Omni-Orientation Mapping Robots Gwinnett County Regional Fair

**Arjan Kohli** Peachtree Ridge High School - GWINNETT COUNTY  
Optimizing ML Algorithms for Multiclass Neuroimaging Segmentation Gwinnett County Regional Fair

**Eesh Trivedi** Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY  
Brain-Computer Interface: Home Environment Control for Paralyzed Gwinnett County Regional Fair

**Jean Yu** Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY  
The Role of Ribosomal RNA Modifications in Ribosome Biogenesis Gwinnett County Regional Fair

HENRY COUNTY REGIONAL FINALISTS:

**Cason Allen** Luella High School - HENRY COUNTY  
Arduino Controlled Robotic Arm Utilizing Flux Pinning Henry County Regional Fair

**Jonathan Dorminy** Sola Fide Home School - HENRY COUNTY  
Novel Application of Lock-In Amplifiers With 2-Bit FSK Henry County Regional Fair

HOUSTON REGIONAL FINALISTS:

**Jaabili Gosukonda** Houston County High School - HOUSTON COUNTY  
Superabsorbent Hydrogels for Water Conservation and Plant Growth Houston Regional Fair

**Dixie Miller** Warner Robins High School - HOUSTON COUNTY  
Hay, Hay, Which Is Better? Houston Regional Fair

ROCKDALE COUNTY REGIONAL FINALISTS:

**William Brumback & Jorge Escalera** Rockdale Magnet School for Science & Technology - ROCKDALE COUNTY  
Biomimicry: Effect of Mother Nature on the Automotive Industry Rockdale County Regional Fair

**Kayla Holland** Rockdale Magnet School for Science & Technology - ROCKDALE COUNTY  
The Effects of Resveratrol on the Lysis of Skin Melanoma Cells Rockdale County Regional Fair

**Camila Moreno** Rockdale Magnet School for Science & Technology - ROCKDALE COUNTY  
Solar-Wind Charger Rockdale County Regional Fair



**GEORGIA SCIENCE & ENGINEERING FAIR  
SENIOR DIVISION TOP TEN  
GRAND AWARD RECIPIENTS**

*listed alphabetically*



**Max Bee-Lindgren**

*Finding Transition Amplitudes Using the Quantum Rodeo Algorithm*  
Decatur High School - DEKALB COUNTY  
DeKalb County Regional Fair

**Matthew Braun, Elizabeth Richter & Elizabeth Stinespring**

*Active Model Rocket Descent Controller*  
Atlanta Classical Academy - FULTON (ATLA REGIONAL)  
Atlanta Regional Fair

**Heewon Eum**

*The Update of the Outdated Mosquito Collection Device*  
North Oconee High School - OCONEE COUNTY  
Northeast Georgia Regional Fair

**Richard Jiang, Prajwal Saokar & Sahil Sood**

*Diagnosing Parkinson's Through Predictive EEG Waveform Analysis*  
Lambert High School - FORSYTH COUNTY  
Northwest Georgia Regional Fair

**Matthew Kim**

*Search and Rescue System Using Omni-Orientation Mapping Robots*  
Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY  
Gwinnett County Regional Fair

**Hakimuddin Kitabwalla & Luc Nguyen**

*Low-Cost 3D Printed Modular & Adjustable Pediatric Prosthetic Leg*  
Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY  
Gwinnett County Regional Fair

**Arjan Kohli**

*Optimizing ML Algorithms for Multiclass Neuroimaging Segmentation*  
Peachtree Ridge High School - GWINNETT COUNTY  
Gwinnett County Regional Fair

**Misha Patel**

*Nanoparticle-Mediated Drug Delivery for Aortic Aneurysms*  
Wheeler High School - COBB COUNTY  
Cobb/Paulding Regional Fair

**Cayden Shaffer**

*Designing and Fabricating a Vortex Aerospoke Rocket Engine*  
Whitewater High School - FAYETTE COUNTY  
Griffin RESA Regional Fair

**Emily White**

*Sustainable Habitats for *Crassostrea virginica**  
McIntosh High School - FAYETTE COUNTY  
Griffin RESA Regional Fair



## GEORGIA SCIENCE & ENGINEERING FAIR REGENERON ISEF AWARD



### **Max Bee-Lindgren**

*Finding Transition Amplitudes Using the Quantum Rodeo Algorithm*  
Decatur High School - DEKALB COUNTY  
DeKalb County Regional Fair

### **Heewon Eum**

*The Update of the Outdated Mosquito Collection Device*  
North Oconee High School - OCONEE COUNTY  
Northeast Georgia Regional Fair

### **Hakimuddin Kitabwalla & Luc Nguyen**

*Low-Cost 3D Printed Modular & Adjustable Pediatric Prosthetic Leg*  
Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY  
Gwinnett County Regional Fair

### **Cayden Shaffer**

*Designing and Fabricating a Vortex Aerospike Rocket Engine*  
Whitewater High School - FAYETTE COUNTY  
Griffin RESA Regional Fair

#### ALTERNATE:

### **Matthew Braun, Elizabeth Richter & Elizabeth Stinespring**

*Active Model Rocket Descent Controller*  
Atlanta Classical Academy - FULTON (ATLA REGIONAL)  
Atlanta Regional Fair

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## Georgia Science & Engineering Fair Pinnacle Award

### **Cayden Shaffer**

*Designing and Fabricating a Vortex Aerospike Rocket Engine*  
Whitewater High School - FAYETTE COUNTY  
Griffin RESA Regional Fair





# HONORS RIBBONS - JUNIOR DIVISION



Honors ribbons indicate a student's relative position in the overall fair. They do not take into consideration either project category or student's grade, although Junior and Senior divisions are calculated separately. First Honors go to projects with total scores ranking approximately at or above the 90th percentile based on overall scores, regardless of category. Second Honors go to the 80th to 90th percentiles. Third Honors go to the 70th to 80th percentiles. Fourth Honors go to the 60th to 70th percentiles.

**All students, regardless of awards, are commended on their excellent research and advancing this far in the competition. All exhibitors will be awarded a ribbon and certificate honoring their hard work and participation in the statewide Georgia Science & Engineering Fair.**

## FIRST HONORS

Shaiel Baca	Richards Middle School	MUSCOGEE COUNTY
Mason Below	Ridgeview Middle School	FULTON COUNTY
Saanvi Bodhireddy	DeSana Middle School	FORSYTH COUNTY
Vikram Bora	Autrey Mill Middle School	FULTON COUNTY
Noah Cherian	Autrey Mill Middle School	FULTON COUNTY
Maxwell Cleveland	Ridgeview Middle School	FULTON COUNTY
Shiv Garg	River Trail Middle School	FULTON COUNTY
Mahider Gebre	Warner Robins Middle School	HOUSTON COUNTY
Om Guin	Fulton Science Academy	FULTON COUNTY
Akshadha Mehta	Dodgen Middle School	COBB COUNTY
Rhea Menon	DeSana Middle School	FORSYTH COUNTY
Ari Monheit	Atlanta Jewish Academy	FULTON COUNTY
Tanusha Raviprakash	Richards Middle School	MUSCOGEE COUNTY
Nyambura Sallinen	Lanier Middle School	GWINNETT COUNTY
Pranav Sambhu	Fulton Science Academy	FULTON COUNTY
Keshvee Sekhda	Lanier Middle School	GWINNETT COUNTY
Riley Sipe	Sutton Middle School	FULTON (ATLA REGIONAL)
Pradhyumna Vasishta	E. T. Booth Middle School	CHEROKEE COUNTY
Isabella Waller	General Ray Davis Middle School	ROCKDALE COUNTY
Jayden Zeigler	Arnold Magnet Academy	MUSCOGEE COUNTY
Claire Zhou	River Trail Middle School	FULTON COUNTY

# HONORS RIBBONS - JUNIOR DIVISION



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## SECOND HONORS

Caleb Barnwell	General Ray Davis Middle School	ROCKDALE COUNTY
Brady Basquin	William James Middle School	BULLOCH COUNTY
Tyler Blythe	William James Middle School	BULLOCH COUNTY
Thomas Bradford	Fairplay Middle School	DOUGLAS COUNTY
Muriel Chan	J. C. Booth Middle School	FAYETTE COUNTY
Yahminisakti Chandrasekaran	Fairplay Middle School	DOUGLAS COUNTY
Ryvaan Das	Riverwatch Middle School	FORSYTH COUNTY
Sana Deshmukh	River Trail Middle School	FULTON COUNTY
Micah Frazier	General Ray Davis Middle School	ROCKDALE COUNTY
Tyler Hagenburg	Mason Creek Middle School	DOUGLAS COUNTY
Logan Harila	General Ray Davis Middle School	ROCKDALE COUNTY
Blaise Jackson	William James Middle School	BULLOCH COUNTY
Johnny Kafader	William James Middle School	BULLOCH COUNTY
Mahika Kayyar	Esther F. Garrison School for the Arts	CHATHAM COUNTY
Emma Mathis	Aaron Cohn Middle School	MUSCOGEE COUNTY
Theodore McGuirk	Hancock Day School	CHATHAM COUNTY
Gemily Morey	Byne Christian School	DOUGHERTY COUNTY
Spencer Pack	The King's Academy	CHEROKEE COUNTY
Aryan Patel	William James Middle School	BULLOCH COUNTY
Oliver Reid	Newton County Theme School	NEWTON COUNTY
Parker Richardson	William James Middle School	BULLOCH COUNTY
Anushka Sable	Wadsworth Magnet School	DEKALB COUNTY
Ethan Scott	Bonaire Middle School	HOUSTON COUNTY
Rhea Shah	River Trail Middle School	FULTON COUNTY
Eli Sharif	Covenant Christian School	COBB COUNTY
Veeraj Sharma	Alton C. Crews Middle School	GWINNETT COUNTY
Annabella Shenoy	River Trail Middle School	FULTON COUNTY
Andres Solorzano	Twin Rivers Middle School	GWINNETT COUNTY

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## THIRD HONORS

Brody Blackwell  
Avery Casey  
Brooke Costigan  
Francine Delgado  
Amira Dhople  
Maya Flowers-Glass  
Marie Fujita-Block  
Annie Golas  
Kayla Hoang  
Molly Kenyon  
Noah Kilpatrick  
Nneoma Mbah  
Alanna Grace Ondic  
Rohan Pandya  
Emma Pitman  
Gila Sadinoff  
Camille Scott  
Roshan Selvaraj  
Alexander Wright

Mossy Creek Middle School  
The King's Academy  
Malcom Bridge Middle School  
Twin Rivers Middle School  
Carrollton Junior High School  
Martin Luther King, Jr. Middle School  
Carrollton Junior High School  
Twin Rivers Middle School  
Whitewater Middle School  
Carrollton Junior High School  
Clarke Middle School  
Twin Rivers Middle School  
Malcom Bridge Middle School  
E. T. Booth Middle School  
Russell Middle School  
Atlanta Jewish Academy  
Chapel Hill Middle Douglasville  
Malcom Bridge Middle School  
Russell Middle School

HOUSTON COUNTY  
CHEROKEE COUNTY  
OCONEE COUNTY  
GWINNETT COUNTY  
CARROLL COUNTY  
FULTON (ATLA REGIONAL)  
CARROLL COUNTY  
GWINNETT COUNTY  
FAYETTE COUNTY  
CARROLL COUNTY  
CLARKE COUNTY  
GWINNETT COUNTY  
OCONEE COUNTY  
CHEROKEE COUNTY  
BARROW COUNTY  
FULTON COUNTY  
DOUGLAS COUNTY  
OCONEE COUNTY  
BARROW COUNTY

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## FOURTH HONORS

Kavya Athota	The Westminster Schools	FULTON (ATLA REGIONAL)
Coles Brown	Hancock Day School	CHATHAM COUNTY
Samuel Goldstein	The GLOBE Academy	DEKALB COUNTY
Hailii Hammond	E. T. Booth Middle School	CHEROKEE COUNTY
Scarlett Holmes	The STEM Academy at Bartlett	CHATHAM COUNTY
Teah Iossifov	Georgia College Early College	BALDWIN COUNTY
Bryce Kornett	Richards Middle School	MUSCOGEE COUNTY
Gabriela Elisa Lamberson	St. Thomas More Catholic School	DEKALB COUNTY
William Lundstrom	The Westminster Schools	FULTON (ATLA REGIONAL)
Anagha Macheri	Malcom Bridge Middle School	OCONEE COUNTY
Kamren Maithel	The Westminster Schools	FULTON (ATLA REGIONAL)
Anaya Mathurin	Mason Creek Middle School	DOUGLAS COUNTY
Sophie Naliwajka	E. T. Booth Middle School	CHEROKEE COUNTY
Khloe Neugent	Atkinson County Middle School	ATKINSON COUNTY
Kody Palmer	Fairplay Middle School	DOUGLAS COUNTY
Maggie Phelan	The Westminster Schools	FULTON (ATLA REGIONAL)
Mizuki Spivey	The STEM Academy at Bartlett	CHATHAM COUNTY
Levi Vargas	Yeager Middle School	DOUGLAS COUNTY
Reese Webb	Williams Middle School	COLQUITT COUNTY
Addison Whidby	Georgia College Early College	BALDWIN COUNTY

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## STATE COMPETITOR

Avani Adhikari	Mossy Creek Middle School	HOUSTON COUNTY
Luke Aldred	William James Middle School	BULLOCH COUNTY
Iman Alhaj-yaseen	Feagin Mill Middle School	HOUSTON COUNTY
Hadley Anderson	First Presbyterian Day School	BIBB COUNTY
Karl Anderson-Tremblay	The STEM Academy at Bartlett	CHATHAM COUNTY
Alyssa Baughier	Bonaire Middle School	HOUSTON COUNTY
Jonah Begley	Rising Starr Middle School	FAYETTE COUNTY
Abha Birla	River Trail Middle School	FULTON COUNTY
Wyatt Blanton	Warner Robins Middle School	HOUSTON COUNTY
Zelasia Boston	Coastal Middle School	CHATHAM COUNTY
Teri Anne Bradley	Oak Hill Middle School	BALDWIN COUNTY
Katelyn Bradshaw	Thomas County Middle School	THOMAS COUNTY
Kenley Brinson	Thomas County Middle School	THOMAS COUNTY
Leo Brinson	Treutlen Middle/High School	TREUTLEN COUNTY
Eliza Briscoe	Thomas County Middle School	THOMAS COUNTY
Thomas Brown	Burney-Harris-Lyons Middle School	CLARKE COUNTY
Aidan Browning	Atkinson County Middle School	ATKINSON COUNTY
Jake Bruce	Clinch County Middle School	CLINCH COUNTY
Kariah Butler	Hilsman Middle School	CLARKE COUNTY
Copper Callahan	Clarke Middle School	CLARKE COUNTY
Katelyn Cline	Mossy Creek Middle School	HOUSTON COUNTY
Aiden Connell	Appling County Middle School	APPLING COUNTY
Emily Dale	Richards Middle School	MUSCOGEE COUNTY
Addison Daniel	Brentwood School	WASHINGTON COUNTY
Konner Davis	Burney-Harris-Lyons Middle School	CLARKE COUNTY
Gavin Day	Clinch County Middle School	CLINCH COUNTY
Tate Denmark	Clinch County Middle School	CLINCH COUNTY
William Grady Dunston	Clarke Middle School	CLARKE COUNTY
Alexander Ehret	Newton County Theme School	NEWTON COUNTY
Samira Eldawi	Whitewater Middle School	FAYETTE COUNTY
Saffron England	Bonaire Middle School	HOUSTON COUNTY
Alex Fishburn	Clarke Middle School	CLARKE COUNTY
Arabella Flowers	Appling County Middle School	APPLING COUNTY
Kylie Fluhart	E. T. Booth Middle School	CHEROKEE COUNTY

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## STATE COMPETITOR, CONT'D

Kayden Forsythe	Clinch County Middle School	CLINCH COUNTY
Winston Fortner	Clinch County Middle School	CLINCH COUNTY
Caroline Fulton	Clinch County Middle School	CLINCH COUNTY
Mayleigh Ganas	Clinch County Middle School	CLINCH COUNTY
Oliver Golbeck	Bonaire Middle School	HOUSTON COUNTY
Adleigh Greene	Brooks County Middle School	BROOKS COUNTY
Anthony Gregones	E. T. Booth Middle School	CHEROKEE COUNTY
Carter Griffis	Clinch County Middle School	CLINCH COUNTY
Nathan Grijalva	Chamblee Middle School	DEKALB COUNTY
William Grijalva	Henderson Middle School	DEKALB COUNTY
Lydia Grimes	Appling County Middle School	APPLING COUNTY
Savannah Gurley	Atkinson County Middle School	ATKINSON COUNTY
Angelica Halaby	William James Middle School	BULLOCH COUNTY
Riley Hall	Warner Robins Middle School	HOUSTON COUNTY
Tara Hall	Bonaire Middle School	HOUSTON COUNTY
Dinah Henkin	The STEM Academy at Bartlett	CHATHAM COUNTY
Wesley Herring	Thomas County Middle School	THOMAS COUNTY
Burke Hoesterey	The GLOBE Academy	DEKALB COUNTY
JD Hogan	The Irish Gifted Academy	LAURENS COUNTY
Adrian Holdo	Clarke Middle School	CLARKE COUNTY
Jacob Hooks	T. J. Elder Middle School	WASHINGTON COUNTY
Anthony Horton	Weaver Middle School	BIBB COUNTY
Laila Howard-Haney	Warner Robins Middle School	HOUSTON COUNTY
William Hurrelbrink	Bonaire Middle School	HOUSTON COUNTY
Kinleigh Infinger	Clinch County Middle School	CLINCH COUNTY
Anthony Jacobo-Acuna	Clarke Middle School	CLARKE COUNTY
Clay Johnson	Thomas County Middle School	THOMAS COUNTY
Ariana Keller	Richards Middle School	MUSCOGEE COUNTY
Addison Kelley	First Presbyterian Day School	BIBB COUNTY
Lennon Kiefer	Warner Robins Middle School	HOUSTON COUNTY
Kelis Lawrence	The Irish Gifted Academy	LAURENS COUNTY
Avery LeBlanc	Valor Christian Academy	FULTON COUNTY
Abbagail Lee	Bonaire Middle School	HOUSTON COUNTY
Marcus Lee	Warner Robins Middle School	HOUSTON COUNTY

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## STATE COMPETITOR, CONT'D

Dean Loa	E. T. Booth Middle School	CHEROKEE COUNTY
Camille Lock	Aaron Cohn Middle School	MUSCOGEE COUNTY
Gracie Marshall	Brooks County Middle School	BROOKS COUNTY
Santiago Martinez-Ruiz	Atkinson County Middle School	ATKINSON COUNTY
Tripp Mascaro	The Irish Gifted Academy	LAURENS COUNTY
Kurtis McCall	Coastal Middle School	CHATHAM COUNTY
Kailynn McClain	Hilsman Middle School	CLARKE COUNTY
Mary McDaniel	Burney-Harris-Lyons Middle School	CLARKE COUNTY
Minna McGraw	Whitewater Middle School	FAYETTE COUNTY
Caroline Michael	Hilsman Middle School	CLARKE COUNTY
Grady Mills	Byne Christian School	DOUGHERTY COUNTY
Jasleen Montesino	Coastal Middle School	CHATHAM COUNTY
Ryan Nelson	Bonaire Middle School	HOUSTON COUNTY
Luke Nguyen	Hancock Day School	CHATHAM COUNTY
Aizza Nisar	Hopewell Middle School	FULTON COUNTY
Oyinkansola Omotoso	Memorial Middle School	ROCKDALE COUNTY
Mason Owens	Clinch County Middle School	CLINCH COUNTY
Aalayah Paige	East Columbus Magnet Academy	MUSCOGEE COUNTY
Clara Pardue	Clarke Middle School	CLARKE COUNTY
Jonathan Paz	Brooks County Middle School	BROOKS COUNTY
Sophia Persons	Blackmon Road Middle School	MUSCOGEE COUNTY
Anima Pokharel	Feagin Mill Middle School	HOUSTON COUNTY
Caleb Powell	Treutlen Middle/High School	TREUTLEN COUNTY
Nishi Prajapati	Crisp County Middle School	CRISP COUNTY
Liberty Prescott	Clinch County Middle School	CLINCH COUNTY
Maya Puri	Oak Hill Middle School	BALDWIN COUNTY
Harshitha Rajaprabhu	River Trail Middle School	FULTON COUNTY
Mason Randall	Rehoboth Road Middle School	SPALDING COUNTY
Harper Reece	Richards Middle School	MUSCOGEE COUNTY
Hayden Remkes	Whitewater Middle School	FAYETTE COUNTY
Ava Rich	Thomas County Middle School	THOMAS COUNTY
Mollie Robinson	Thomas County Middle School	THOMAS COUNTY
Will Routhier	Hancock Day School	CHATHAM COUNTY
Zander Sailors	Brooks County Middle School	BROOKS COUNTY



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## STATE COMPETITOR, CONT'D

Nithila Sankar	Blackmon Road Middle School	MUSCOGEE COUNTY
Julia Schillawski	Mossy Creek Middle School	HOUSTON COUNTY
Rishi Shah	William James Middle School	BULLOCH COUNTY
Alora Sheley	St. Anne-Pacelli Catholic School	MUSCOGEE COUNTY
Tahir Sherif	ILM Academy	FULTON COUNTY
Abbie Shumans	Williams Middle School	COLQUITT COUNTY
Bryson Simons	Treutlen Middle/High School	TREUTLEN COUNTY
John Bennett Simpson	Creekland Middle School Canton	CHEROKEE COUNTY
Chloe Smith	Clinch County Middle School	CLINCH COUNTY
Marley Smith	Clinch County Middle School	CLINCH COUNTY
Nasir Sodiq	ILM Academy	FULTON COUNTY
Ameen Sophie	ILM Academy	FULTON COUNTY
Cayden Spivey	Atkinson County Middle School	ATKINSON COUNTY
Tillman Spivey	Atkinson County Middle School	ATKINSON COUNTY
Emily Stokes	Bonaire Middle School	HOUSTON COUNTY
Zaniel Stokes	Treutlen Middle/High School	TREUTLEN COUNTY
Chase Stroud	Wadsworth Magnet School	DEKALB COUNTY
Evelyn Stubbs	The Irish Gifted Academy	LAURENS COUNTY
Alyssia Swinson	Clinch County Middle School	CLINCH COUNTY
Elizabeth Tarbutton	Brentwood School	WASHINGTON COUNTY
Harrison Tate	St. James Catholic School	CHATHAM COUNTY
William Tison	Clinch County Middle School	CLINCH COUNTY
Natalie Todd	Appling County Middle School	APPLING COUNTY
Elisabeth Tomberlin	Bonaire Middle School	HOUSTON COUNTY
Madeleine Vaillancourt	Richards Middle School	MUSCOGEE COUNTY
Harmoni Walker	The Irish Gifted Academy	LAURENS COUNTY
Londyn Wesley	Bunche Middle School	FULTON (ATLA REGIONAL)
Payton Morgan West	Thomas County Middle School	THOMAS COUNTY
Emily Wilson	Thomas County Middle School	THOMAS COUNTY
Samuel Wood	St. Thomas More Catholic School	DEKALB COUNTY



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## FIRST HONORS

Hrishikesh Bagalkote	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY
Max Bee-Lindgren	Decatur High School	DEKALB COUNTY
Matthew Braun	Atlanta Classical Academy	FULTON (ATLA REGIONAL)
Sheil Dharan	Denmark High School	FORSYTH COUNTY
Heewon Eum	North Oconee High School	OCONEE COUNTY
Varsha Jacob	Alpharetta High School	FULTON COUNTY
Richard Jiang	Lambert High School	FORSYTH COUNTY
Matthew Kim	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY
Hakimuddin Kitabwalla	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY
Arjan Kohli	Peachtree Ridge High School	GWINNETT COUNTY
Asmi Kumar	Milton High School	FULTON COUNTY
Michelle Li	North Oconee High School	OCONEE COUNTY
Daylia Lian	Johns Creek High School	FULTON COUNTY
Samarth Mahapatra	Wheeler High School	COBB COUNTY
Vaibhav Mishra	West Laurens High School Dublin	LAURENS COUNTY
Luc Nguyen	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY
Misha Patel	Wheeler High School	COBB COUNTY
Amy Pham	Elite Scholars Academy Jonesboro	CLAYTON COUNTY
John Prewitt	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY
Elizabeth Richter	Atlanta Classical Academy	FULTON (ATLA REGIONAL)
Aaditya Saha	Chamblee Charter High School	DEKALB COUNTY
Prajwal Saokar	Lambert High School	FORSYTH COUNTY
Cayden Shaffer	Whitewater High School	FAYETTE COUNTY
Jack Shipp	Paulding County High School	PAULDING COUNTY
Samarth Shridhar	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY
Sahil Sood	Lambert High School	FORSYTH COUNTY
Elizabeth Stinespring	Atlanta Classical Academy	FULTON (ATLA REGIONAL)
Preston Taylor	Paulding County High School	PAULDING COUNTY
Emily White	McIntosh High School	FAYETTE COUNTY

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## SECOND HONORS

Chloe Au	Paul Duke STEM High School	GWINNETT COUNTY
Dua Bashir	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY
Owen Bowers	Paulding County High School	PAULDING COUNTY
Olivia DeFrancesco	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Nic Delgado	Paulding County High School	PAULDING COUNTY
Tanishk Deo	Alpharetta High School	FULTON COUNTY
Jonathan Dorminy	Sola Fide Home School	HENRY COUNTY
Natalie Harris	Jasper County High School	JASPER COUNTY
Nicholas Jackson	Johnson County High School	JOHNSON COUNTY
Rohan Kalia	Wheeler High School	COBB COUNTY
David Liu	Athens Academy	CLARKE COUNTY
Rebekah Nunez	Jasper County High School	JASPER COUNTY
Vaishali Prahalad	Northview High School	FULTON COUNTY
Tristan Prater	Paulding County High School	PAULDING COUNTY
Zachary Ramsey	Jasper County High School	JASPER COUNTY
Amani Roberson	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Vinod Ruppa-Kasani	Chattahoochee High School	FULTON COUNTY
Krish Saxena	Collins Hill High School	GWINNETT COUNTY
Harsh Singh	McIntosh High School	FAYETTE COUNTY
Margaret Wade	Savannah Arts Academy	CHATHAM COUNTY
Noah Yoon	Columbus High School	MUSCOGEE COUNTY
Jean Yu	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY

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## THIRD HONORS

Sheherbano Abedi	Johns Creek High School	FULTON COUNTY
Damilola Bankole	Douglas County High School	DOUGLAS COUNTY
Kameron Bolton	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
James Chen	Walton High School	COBB COUNTY
Gabrielle Daley	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Samay Desai	Walton High School	COBB COUNTY
Teegan Fitzgerald	Paulding County High School	PAULDING COUNTY
Madhav Gulati	Lambert High School	FORSYTH COUNTY
Makeda Hailu	Benjamin E. Mays High School	FULTON (ATLA REGIONAL)
Nisha Jaganathan	Alpharetta High School	FULTON COUNTY
Annika Joshi	Johns Creek High School	FULTON COUNTY
Chinmay Joshi	Walton High School	COBB COUNTY
Revin Jun	Northview High School	FULTON COUNTY
Nashra Khan	Shiloh High School	GWINNETT COUNTY
Dawson Leveridge	Paulding County High School	PAULDING COUNTY
Yanglei Lily Lin	Woodward Academy	FULTON COUNTY
Ishan Mahajan	Lambert High School	FORSYTH COUNTY
Parv Mahajan	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY
Vinayak Menon	Lambert High School	FORSYTH COUNTY
Noah Morales	B.E.S.T. Academy	FULTON (ATLA REGIONAL)
Cameron Morani	Paulding County High School	PAULDING COUNTY
Tanay Pathakamuri	Columbus High School	MUSCOGEE COUNTY
Aditya Prabhakar	Lambert High School	FORSYTH COUNTY
Maya Rajesh	Alpharetta High School	FULTON COUNTY
Edgar Robitaille	Lambert High School	FORSYTH COUNTY
Varun Sendilraj	Lambert High School	FORSYTH COUNTY
Vineeth Sendilraj	Lambert High School	FORSYTH COUNTY
Austin Song	Johns Creek High School	FULTON COUNTY
John Song	Johns Creek High School	FULTON COUNTY
Srirag Tatavarti	Lambert High School	FORSYTH COUNTY

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## FOURTH HONORS

Ayomide Balogun	Lithia Springs High School	DOUGLAS COUNTY
Kushagr Bhambani	Union Grove High School	HENRY COUNTY
Rayna Chang	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY
Eres David	Eagle's Landing High School	HENRY COUNTY
Malak Desouky	Atlanta Girls School	FULTON COUNTY
LanAnh Doan	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY
Jason Dong	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY
Annslee Dunn	Newton College & Career Academy	NEWTON COUNTY
Joseph Gorman	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY
Jonathan Gutknecht	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY
Isabella Higman	Whitewater High School	FAYETTE COUNTY
Kayla Holland	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Victor Huang	Oconee County High School	OCONEE COUNTY
MyTien Huynh	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Inhyuk Hwang	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY
Margaret Hwang	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Elly Kang	Marist School	DEKALB COUNTY
Branden Kim	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY
Shriya Mahakala	Northview High School	FULTON COUNTY
Mokshith Mannuru	South Forsyth High School	FORSYTH COUNTY
Binh Nguyen	Peachtree Ridge High School	GWINNETT COUNTY
Aryan Patel	Union Grove High School	HENRY COUNTY
Katha Patel	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY
Elizabeth Singh	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY
Ella Sipe	North Atlanta High School	FULTON (ATLA REGIONAL)
Destiny Smith-Sarter	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Eesh Trivedi	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY

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## STATE COMPETITOR

Ansley Abercrombie	Jasper County High School	JASPER COUNTY
Jordan Able	Islands High School	CHATHAM COUNTY
Aydan Adams	Islands High School	CHATHAM COUNTY
Timi Akinyele	Innovation Academy	FULTON COUNTY
Cason Allen	Luella High School	HENRY COUNTY
Lalitha Appana	South Forsyth High School	FORSYTH COUNTY
Jacob Baker	Jasper County High School	JASPER COUNTY
Elisa Banks	Paul Duke STEM High School	GWINNETT COUNTY
Josephine Beasley	Jasper County High School	JASPER COUNTY
LaTayla Billingslea	Newton College & Career Academy	NEWTON COUNTY
Kennedey Boothe	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Andrew Botchwey	Charles R. Drew Charter School	FULTON (ATLA REGIONAL)
Addison Bowers	Starr's Mill High School	FAYETTE COUNTY
Julianne Brown	Atlanta Girls School	FULTON COUNTY
William Brumback	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Jai'ana Burditte	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Dylan Burkey	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Chloe Byrd	Jasper County High School	JASPER COUNTY
Kaitlyn Camera	Centennial High School	FULTON COUNTY
Elizabeth (Kait) Campbell	Paulding County High School	PAULDING COUNTY
Tabitha Cantrell	Howard High School	BIBB COUNTY
Breanna Carter	Central Gwinnett High School	GWINNETT COUNTY
Helena Chapar	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Insha Charania	Peachtree Ridge High School	GWINNETT COUNTY
Sana Chitalwala	McIntosh High School	FAYETTE COUNTY
Clea Coard	Central Gwinnett High School	GWINNETT COUNTY
James Coker	Douglas County High School	DOUGLAS COUNTY
Kyleigh Conley	Elite Scholars Academy Jonesboro	CLAYTON COUNTY
Brittany Cornejo Matias	Paul Duke STEM High School	GWINNETT COUNTY
Avi Crosby	Midtown High School	FULTON (ATLA REGIONAL)
Arwen Dale	Peachtree Ridge High School	GWINNETT COUNTY
Camelia Darrisaw	Baldwin High School	BALDWIN COUNTY
Kagen Denny	Jasper County High School	JASPER COUNTY
Fatoumata Diakite	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Carmella Dunn	Centennial High School	FULTON COUNTY

# HONORS RIBBONS - SENIOR DIVISION



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## STATE COMPETITOR, CONT'D

Jorge Escalera	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Sophia Farinacci	McIntosh High School	FAYETTE COUNTY
Solunne Fedovskiy	Midtown High School	FULTON (ATLA REGIONAL)
Cianna French	Paulding County High School	PAULDING COUNTY
Charles Fucile	Midtown High School	FULTON (ATLA REGIONAL)
Jose Funes	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Christian Galicia	Effingham College & Career Academy	EFFINGHAM COUNTY
Chaithanya Ganji	Harrison High School	COBB COUNTY
Juan Garcia-Reyes	Lithia Springs High School	DOUGLAS COUNTY
Autumn George	Jasper County High School	JASPER COUNTY
Jaabili Gosukonda	Houston County High School	HOUSTON COUNTY
Ann Graham	Paulding County High School	PAULDING COUNTY
Ella Griswold	Starr's Mill High School	FAYETTE COUNTY
Treasuriauna Guyton	Dublin High School	LAURENS COUNTY
Ra'Miyah Hall	Baldwin High School	BALDWIN COUNTY
Madison Hardman	Jasper County High School	JASPER COUNTY
Dakota Hargett	Islands High School	CHATHAM COUNTY
Cedeki Harris	Baldwin High School	BALDWIN COUNTY
Caleb Haynes	Byne Christian School	DOUGHERTY COUNTY
Sahil Hemrajani	Chattahoochee High School	FULTON COUNTY
Thomas Herrin	Thomas County Central High School	THOMAS COUNTY
Jaycee Herth	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Johnny Ho	Brookwood High School	GWINNETT COUNTY
Loan Hoang	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY
Javin Holladay	Effingham College & Career Academy	EFFINGHAM COUNTY
Saidah Hoyte	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Bishop Jackson	Thomas County Central High School	THOMAS COUNTY
Branson James	Islands High School	CHATHAM COUNTY
Edward Kenyon	Carrollton High School	CARROLL COUNTY
Sanan Khairabadi	Statesboro High School	BULLOCH COUNTY
Deeksha Khanna	Chamblee Charter High School	DEKALB COUNTY
Roshan Kolachina	McIntosh High School	FAYETTE COUNTY
Kyle Kolb	Brookwood High School	GWINNETT COUNTY
Samantha Kornegay	McIntosh High School	FAYETTE COUNTY
Pranavi Kuravi	Johns Creek High School	FULTON COUNTY



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## STATE COMPETITOR, CONT'D

Annabel Lee	Paul Duke STEM High School	GWINNETT COUNTY
Haelin Lee	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY
Alaniss Leingang	Jasper County High School	JASPER COUNTY
Emma Lilly	North Atlanta High School	FULTON (ATLA REGIONAL)
Jeremiah Longino	South Atlanta High School	FULTON (ATLA REGIONAL)
Angel Lopez	Douglas County High School	DOUGLAS COUNTY
Sean Mahoney	Effingham College & Career Academy	EFFINGHAM COUNTY
Marilyne Makendi	Paulding County High School	PAULDING COUNTY
Roshan Manivannan	Chattahoochee High School	FULTON COUNTY
Taylor McIntyre	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Lauren McWilliams	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Deeya Mepani	North Oconee High School	OCONEE COUNTY
Ibrahim Mohammad	Chattahoochee High School	FULTON COUNTY
Garrett Moore	Union Grove High School	HENRY COUNTY
Camila Moreno	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Rylee Morse	Jasper County High School	JASPER COUNTY
Ethan Myers	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Ishika Narsingani	Peachtree Ridge High School	GWINNETT COUNTY
Iliyan Nazarali	Chestatee High School	HALL COUNTY
Samuel Neff	Midtown High School	FULTON (ATLA REGIONAL)
Eli Nelson	Jasper County High School	JASPER COUNTY
Kylie Nelson	Whitewater High School	FAYETTE COUNTY
Melanie Nguyen	Sandy Creek High School	FAYETTE COUNTY
Anna Njie	Stilwell School of the Arts	CLAYTON COUNTY
Esmeralda Ochoa-Escobar	McClure Health Science High School	GWINNETT COUNTY
Grace Ogburn	Jasper County High School	JASPER COUNTY
Temidipupo Oluwo	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Naomi Oropesa	Islands High School	CHATHAM COUNTY
Tyler Ou	Carrollton High School	CARROLL COUNTY
Weston Parker	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Hiya Patel	Paulding County High School	PAULDING COUNTY
Shreya Patel	Union Grove High School	HENRY COUNTY
Zach Peavyhouse	Starr's Mill High School	FAYETTE COUNTY
Chelsea Persad	Sandy Creek High School	FAYETTE COUNTY
Ai Phan	Atlanta Girls School	FULTON COUNTY

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## STATE COMPETITOR, CONT'D

Vince Phan	Sandy Creek High School	FAYETTE COUNTY
Miguel Pita-Ruiz	Douglas County High School	DOUGLAS COUNTY
Randolph (Riley) Poynter	Newton College & Career Academy	NEWTON COUNTY
Aadhav Prabu	Chattahoochee High School	FULTON COUNTY
Simrah Qaddus	Brookwood High School	GWINNETT COUNTY
Corey Rand	Jasper County High School	JASPER COUNTY
Nathaly Rangel-Gonzalez	Fayette County High School	FAYETTE COUNTY
Amrah Rasheed-Rahji	Innovation Academy	FULTON COUNTY
Rohan Reddy	Midtown High School	FULTON (ATLA REGIONAL)
Alyssa Reed	Fayette County High School	FAYETTE COUNTY
Christina Reed	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Lily Reilly	Midtown High School	FULTON (ATLA REGIONAL)
Evan Roberts	Thomas County Central High School	THOMAS COUNTY
Kaitlyn Rounsavall	Sandy Creek High School	FAYETTE COUNTY
Jenna Sailor	Dunwoody High School	DEKALB COUNTY
Vedita Sawhney	McIntosh High School	FAYETTE COUNTY
Andrew Schmidt	Starr's Mill High School	FAYETTE COUNTY
Natalie Schulz	Centennial High School	FULTON COUNTY
Noah Seelhammer	Union Grove High School	HENRY COUNTY
Amay Shah	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY
Sage Shah	McIntosh High School	FAYETTE COUNTY
Rajveer Singh	Peachtree Ridge High School	GWINNETT COUNTY
Arshia Sirohi	Walton High School	COBB COUNTY
Brennan Smith	Islands High School	CHATHAM COUNTY
Ethan Smith	Washington County High School	WASHINGTON COUNTY
Jalana Smith	Dublin High School	LAURENS COUNTY
Cailon Spriggs-Green	Stilwell School of the Arts	CLAYTON COUNTY
Layla Staley	Thomas County Central High School	THOMAS COUNTY
Shae Staples	McIntosh High School	FAYETTE COUNTY
Trojan Stapleton	Johnson County High School	JOHNSON COUNTY
Oscar Strachan	Midtown High School	FULTON (ATLA REGIONAL)
Jesna Thomas	Fayette County High School	FAYETTE COUNTY
Ski'Keriah Thompkins	Dublin High School	LAURENS COUNTY
Chameli Tissera	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY
Diego Torres	Thomas County Central High School	THOMAS COUNTY



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## STATE COMPETITOR, CONT'D

Celine Tran	Sandy Creek High School	FAYETTE COUNTY
Sahil Trivedi	Eagle's Landing Christian Academy	HENRY COUNTY
Phil Carter Tussi	Gwinnett School of Mathematics, Science & Technology	GWINNETT COUNTY
Michael Tyler	Effingham College & Career Academy	EFFINGHAM COUNTY
Pablo Vempala	Midtown High School	FULTON (ATLA REGIONAL)
Suhani Viradia	Stratford Academy	BIBB COUNTY
Alexis Vladescu	Statesboro High School	BULLOCH COUNTY
Isabella Waddell	Jasper County High School	JASPER COUNTY
McKenzie Walker	Jasper County High School	JASPER COUNTY
Mason Webb	Johnson County High School	JOHNSON COUNTY
Christopher White	Jasper County High School	JASPER COUNTY
Sophia White	North Atlanta High School	FULTON (ATLA REGIONAL)
Camryn Whitley	Westlake High School	FULTON COUNTY
Mackenzie Wilkins	Effingham College & Career Academy	EFFINGHAM COUNTY
JD Williams	Jasper County High School	JASPER COUNTY
Laila Wood	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Richard Yang	Savannah Arts Academy	CHATHAM COUNTY
Zak Yassin	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Carlos Zambrano	Statesboro High School	BULLOCH COUNTY