

# ANNOUNCEMENT OF AWARDS

The 77th Georgia Science & Engineering Fair took place April 3-5, 2025 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 2-13. GRAND AWARDS are listed on pages 14-23. HONORS RIBBONS are listed on pages 24-42.

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.





# SPECIAL AWARDS

#### **American Institute of Aeronautics & Astronautics**

With nearly 30,000 individual members from 91 countries, and 95 corporate members, AIAA is the world's largest technical society dedicated to the global aerospace profession. Created in 1963 by the merger of the two great aerospace societies of the day, the American Rocket Society (founded in 1930 as the American Interplanetary Society), and the Institute of the Aerospace Sciences (established in 1933 as the Institute of the Aeronautical Sciences), AIAA carries forth a proud tradition of more than 80 years of aerospace leadership.

#### FIRST PLACE JUNIOR DIVISION AWARD WINNER:

**Andrew Beauchamp** 

**Optimizing Wind Energy** 

Richards Middle School - MUSCOGEE COUNTY

Columbus Regional Fair

SECOND PLACE JUNIOR DIVISION AWARD WINNER:

**Maxwell Chesnut-Anne** 

What Quantity of Water in Soda Bottle Rocket Gives Max. Altitude

Wadsworth Magnet School - DEKALB COUNTY

DeKalb County Regional Fair

FIRST PLACE SENIOR DIVISION AWARD WINNER:

**Stephen Griggs** 

Sundancer: Long Endurance Solar Powered UAV for Disaster Relief

Midtown High School - FULTON COUNTY

Atlanta Regional Fair

SECOND PLACE SENIOR DIVISION AWARD WINNER:

Raaga Sundar

FDM 3D-Printed vs. Traditional AA6061 for Martian Rovers

McIntosh High School - FAYETTE COUNTY

Griffin RESA Regional Fair

THIRD PLACE SENIOR DIVISION AWARD WINNERS:

**Ethan Hoellrich & Carpenter Ray** 

Anti Ice Paint: Safer & Cheaper Methods to Combat Ice on Planes

Whitewater High School - FAYETTE COUNTY

Griffin RESA Regional Fair

# **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.

#### JUNIOR DIVISION AWARD WINNER:

Mary Evenal Thompson
Out of Sight, Out of Mind

Thomas County Middle School - THOMAS COUNTY

ABAC Regional Fair

**SENIOR DIVISION AWARD WINNERS:** 

**Jaelena Arroyo & Trint Conrod** 

Academic Perception

Impact Academy - HENRY COUNTY Henry County 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 WINNER:

**Joy Sanders** 

Warner Robins High School - HOUSTON COUNTY Houston Regional Fair

Value Added Product from Cellulose in Peanut Shell Agro Waste

# Atlanta Geological Society Nils Thompson Memorial Award for K-12 Geoscience Research

The Atlanta Geological Society (AGS) is a professional society established in 1991 with individuals and corporate members interested in geosciences. AGS provides access to information and educational opportunities that are essential to the professional growth of earth scientists at all levels of expertise and from all sectors: academic, government, business, and industry. The Nils Thompson Memorial Fund is in recognition of Nils Thompson, our beloved President, who passed away February 9, 2022 after being afflicted by Creutzfeldt-Jakob Disease (CJD), a degenerative brain disorder that leads to dementia and, ultimately, death. Nil was a committed advocate for stimulating interest in our science in everyone and encouraging young students to pursue their scientific interests. In Nil's memory, we are using a portion of this fund to encourage young researchers to explore the many areas of the geological sciences from environmental hydrogeology to processes affecting worlds beyond our own.

#### JUNIOR DIVISION AWARD WINNER:

Ryan Nix What's in YOUR Water? Richards Middle School - MUSCOGEE COUNTY
Columbus Regional Fair

#### **SENIOR DIVISION AWARD WINNER:**

Sarah Wang

Spatial Disparities in Toxic Particulate Matter Across Transport

The Westminster Schools - FULTON COUNTY
Atlanta Regional Fair

# **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 AWARD WINNER:

**Ellis Robertson** 

Thomas County Middle School - THOMAS COUNTY ABAC Regional Fair

Urine the Race

SECOND PLACE JUNIOR DIVISION AWARD WINNER:

**Tallulah Pair** 

Tybee Island Maritime Academy - CHATHAM COUNTY
Savannah State University Regional Fair

How to Best Supplement Diets to Prevent Osteoporosis

FIRST PLACE SENIOR DIVISION AWARD WINNER:

Moatapari Agbere

Chattahoochee County High School - CHATTAHOOCHEE COUNTY

Natural Antimicrobials for E. coli Control and HUS Prevention

Columbus Regional Fair

SECOND PLACE SENIOR DIVISION AWARD WINNER:

Ari Foster

Rockdale Magnet School for Science & Technology - ROCKDALE COUNTY

Effect of Onion Bulb, Pregnenolone, and Hirudin on Fibroblasts

Rockdale County Regional Fair

# **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 qualitied through excellent communication skills and creative thinking.

AWARD WINNERS:

Sesharaman Krishnan

Dodgen Middle School - COBB COUNTY

Cobb/Paulding Regional Fair

Pradarshan: An Omnidirectional Display

# **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 AWARD WINNER:

Patrick XiaTaylor Road Middle School - FULTON COUNTYSugarcane in 3D PrintingFulton County Regional Fair

SENIOR DIVISION AWARD WINNER:

**Riley Sipe**North Atlanta High School - FULTON COUNTY
Making a Low-Cost Carbon Catcher for Developing Communities
Atlanta Regional Fair

HONORABLE MENTIONS:

**Shelby Kendrick**Aspergillus terreus for Biodegradation of Pre-Treated Plastics
Paulding County High School - PAULDING COUNTY
Cobb/Paulding Regional Fair

**Jeffrey Lim**Lakeside High School DeKalb - DEKALB COUNTY

Algae-Based Rooftop Wastewater & Carbon Removal System DeKalb County Regional Fair

#### Georgia BioGENEius Challenge Award

Sponsored by Georgia Life Sciences, the Georgia BioGENEius Challenge is a competition for high school students who are doing outstanding research in biotechnology. Founded in 1989, Georgia Life Sciences is a non-profit, membership-based organization that promotes the interests and growth of the life sciences industry. The winner of this award will be invited to attend the Georgia Life Sciences Summit in August and may also receive the opportunity to attend the International BioGENEius Challenge.

AWARD WINNER:

**Bhavya Alapati** FCS Innovation Academy - FULTON COUNTY SpectroStroke Fulton County Regional Fair

**RUNNER-UP:** 

**Shelby Kendrick**Aspergillus terreus for Biodegradation of Pre-Treated Plastics
Paulding County High School - PAULDING COUNTY
Cobb/Paulding Regional Fair

# **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.

AWARD WINNER:

**Rahul Gokhale**Optimizing Energy Use in Medical Spaces with Building Materials

Milton High School - FULTON COUNTY Fulton County Regional Fair

# Georgia Intellectual Property Alliance Young Inventor's Award, sponsored by Founders Legal

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. The award is sponsored by Founders Legal, a corporate and intellectual property law firm based in Atlanta, Georgia.

#### AWARD WINNER:

**Jooyoung Kim** River Trail Middle School - FULTON COUNTY

High Gender Determination Using Acoustic Methods in Layer Strains Fulton County Regional Fair

**1ST ALTERNATE:** 

Ethan Hoellrich & Carpenter Ray Whitewater High School - FAYETTE COUNTY

Anti Ice Paint: Safer & Cheaper Methods to Combat Ice on Planes Griffin RESA Regional Fair

2ND ALTERNATE:

Mrinal Kulkarni West Forsyth High School - FORSYTH COUNTY

Novel Graphene-Ink Sensors for Monitoring Sleepwalking Patients Northwest Georgia Regional Fair

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

GSTA is committed to supporting excellence in science teaching for the students of Georgia. GSTA works to CONNECT, INFORM, SUPPORT, and ADVOCATE for science teachers across the state. They also seek to PARTNER with like-minded formal and informal science education organizations to further GSTA's mission and goals.

JUNIOR DIVISION AWARD WINNER:

Sahil Singh Fulton Science Academy - FULTON COUNTY

Sound, Vibrations, EMF, and Electrostatic Energy Generation Fulton County Regional Fair

SENIOR DIVISION AWARD WINNER:

Nina Zhang Fulton Science Academy - FULTON COUNTY

Automated Vehicle Recognition System for Efficient School Pickups Fulton County Regional Fair

Georgia Society of Professional Engineers Best Use of Engineering Skills Award

The Georgia Society of Professional Engineers is the state society of engineering professionals from all disciplines that promote the ethical and competent practice of engineering, advocates licensure, and enhances the image and well-being of its members.

**AWARD WINNER:** 

Nina Zhang Fulton Science Academy - FULTON COUNTY

Automated Vehicle Recognition System for Efficient School Pickups Fulton County Regional Fair

IEEE Atlanta Section Awards

IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. IEEE and its members inspire a global community through its highly cited publications, conferences, technology standards, and professional and educational activities.

ELECTRICAL & MECHANICAL ENGINEERING, JUNIOR DIVISION AWARD WINNER:

Sesharaman Krishnan Dodgen Middle School - COBB COUNTY

Pradarshan: An Omnidirectional Display Cobb/Paulding Regional Fair

ELECTRICAL & MECHANICAL ENGINEERING, SENIOR DIVISION AWARD WINNER:

Stephen Griggs Midtown High School - FULTON COUNTY

Sundancer: Long Endurance Solar Powered UAV for Disaster Relief Atlanta Regional Fair

#### IEEE Awards, continued from previous page

#### MATERIALS & BIOENGINEERING, JUNIOR DIVISION AWARD WINNER:

Malcolm Guise David T. Howard Middle School - FULTON COUNTY

Testing the Elastic Sag Modulus of Real & Artificial Spider Webs

Atlanta Regional Fair

#### MATERIALS & BIOENGINEERING, SENIOR DIVISION AWARD WINNER:

**Anushka Sable** Chamblee High School - DEKALB COUNTY DeKalb County Regional Fair

A Platform to Study Microplastic Pollution-Induced Pathologies

#### **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 AWARD WINNERS:**

**Moatapari Agbere** Chattahoochee County High School - CHATTAHOOCHEE COUNTY Natural Antimicrobials for E. coli Control and HUS Prevention Columbus Regional Fair

**Brielle Childs** A. R. Johnson Health Science & Engineering Magnet School - RICHMOND COUNTY Blooming Bright for Flower Longevity Georgia College Regional Fair

Ryan McCord The Champion Theme Middle School - DEKALB COUNTY How Can You Grow Plants in the Absence of a Seed? DeKalb County Regional Fair

**Tallulah Pair** Tybee Island Maritime Academy - CHATHAM COUNTY How to Best Supplement Diets to Prevent Osteoporosis Savannah State University Regional Fair

**Amy Smith** Johnson County High School - JOHNSON COUNTY The Mouse Maze Part 2.0 Georgia College Regional Fair

**Jonah Toon** Clarke Middle School - CLARKE COUNTY Northeast Georgia Regional Fair Reducing Carbohydrate Intake Improves Blood Sugar Control

Alicia Wright Rockdale Magnet School for Science & Technology - ROCKDALE COUNTY Bioink: Future of Temporary Medical Markings & Health Monitoring Rockdale County Regional Fair

**Buruk Ykeallo** Rehoboth Road Middle School - SPALDING COUNTY The Carbon Cycle: Who Drives It? Griffin RESA Regional Fair

**TEACHER AWARD WINNER:** 

**Sureka Taylor** The Champion Theme Middle School - DEKALB COUNTY

# **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:**

River Trail Middle School - FULTON COUNTY **Jooyoung Kim** High Gender Determination Using Acoustic Methods in Layer Strains Fulton County Regional Fair

#### The Linda Voss Excellence in Plant Science Award

This award is sponsored by the Dong Family in honor of Linda Voss. Though Linda was neither wealthy nor famous, she was a devoted mother and grandmother who cherished her family. She took immense pride in her granddaughters, both dedicated science fair participants, and spent countless hours listening, encouraging, and supporting them as they developed their projects, conducted experiments, and competed in various fairs. By sponsoring awards in her name, the Dong family strives to continue her legacy of encouragement and support, inspiring future generations of students to explore and excel in science.

#### JUNIOR DIVISION AWARD WINNER:

Harris Palmer Jammin Plants Thomas County Middle School - THOMAS COUNTY ABAC Regional Fair

#### SENIOR DIVISION AWARD WINNER:

**Natalia Kurz** 

Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY

Earthworms and Phosphorus: A Controlled Greenhouse Experiment

Gwinnett County Regional Fair

# **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 AWARD WINNER:

**Garrett Torres** 

Oconee County Middle School - OCONEE COUNTY

How Green Tea Processing Methods Affect Antimicrobial Potential

Northeast Georgia Regional Fair

#### SENIOR DIVISION AWARD WINNER:

**Moatapari Agbere** 

Chattahoochee County High School - CHATTAHOOCHEE COUNTY

Natural Antimicrobials for E. coli Control and HUS Prevention

Columbus Regional Fair

# **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.

#### JUNIOR DIVISION AWARD WINNER:

**Buruk Ykeallo** 

Rehoboth Road Middle School - SPALDING COUNTY

Griffin RESA Regional Fair

#### **SENIOR DIVISION AWARD WINNER:**

The Carbon Cycle: Who Drives It?

**Caleb Menghisteab** 

Paul Duke STEM High School - GWINNETT COUNTY

Investigating the Impact of Amine-Functionalization on MOF-303

**Gwinnett County Regional Fair** 

# **National Youth Science Camp Award**

Hosted in Monongahela National Forest in West Virginia since 1963, the National Youth Science Camp is an elite residential STEAM program designed to honor and challenge some of the nation's rising leaders and provide them with opportunities to engage with STEAM professionals and participate in exciting outdoor activities.

#### **AWARD WINNERS:**

**ALTERNATES:** 

**Samantha Dalby**, Woodland High School Stockbridge **Kristen Lee**, Chattahoochee High School

**Aarya Gupta**, Alpharetta High School **Keefer Lin**, Chattahoochee High School

#### **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:

**Joshua Buchanan**General Ray Davis Middle School - ROCKDALE COUNTY
How Extra Weather Information Affects Decision Making
Rockdale County Regional Fair

Maxwell Chesnut-AnneWadsworth Magnet School - DEKALB COUNTYWhat Quantity of Water in Soda Bottle Rocket Gives Max. AltitudeDeKalb County Regional Fair

**Robert Hall**Novel Biodegradable Bioplastic Derived from Invasive P. lobata

Glenn C. Jones Middle School - GWINNETT COUNTY

Gwinnett County Regional Fair

**Dhanvi Mepani**Dove Creek Middle School - OCONEE COUNTYRed Is the New GreenNortheast Georgia Regional Fair

Cora SnyderOak Hill Middle School - BALDWIN COUNTYButterflies Lift Off!Georgia College Regional Fair

#### **SENIOR DIVISION AWARD WINNERS:**

**Samantha Caswell** Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY BioQubits: Advancing Quantum Physics at the Biological Frontier Gwinnett County Regional Fair

**Shelby Kendrick**Aspergillus terreus for Biodegradation of Pre-Treated Plastics
Paulding County High School - PAULDING COUNTY
Cobb/Paulding Regional Fair

Matthew MuiWheeler High School - COBB COUNTYDevelopment of Dual MDM2/Tubulin-Targeted Treatment for AMLCobb/Paulding Regional Fair

**Mehek Saha** Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY Geometric Optimization of Differential Ray-Tracing Models Gwinnett County Regional Fair

**Ella Sipe**Connection Between Modern Military and Increased Incidence of ALS

North Atlanta High School - FULTON COUNTY
Atlanta Regional Fair

# **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:

**Nevee Mishra**Malcom Bridge Middle School - OCONEE COUNTY

Cooling the Thermal Hotspots: Variability in Heat Exposure

Northeast Georgia Regional Fair

#### **SENIOR DIVISION AWARD WINNER:**

**Neal Mishra**North Oconee High School - OCONEE COUNTY
Socioeconomic and Demographic Disparities in Urban Heat Exposure
North Oconee High School - OCONEE COUNTY
Northeast Georgia Regional Fair

# Northeast Georgia Section American Chemical Society Award for Achievement in Chemistry

The American Chemical Society is a non-profit organization founded in 1876 and chartered by the U.S. Congress. ACS is committed to improving all lives through the transforming power of chemistry. Their mission is to advance scientific knowledge, empower a global community, and champion scientific integrity.

#### JUNIOR DIVISION AWARD WINNER:

Stella Nguyen Stained to Sparkle North Gwinnett Middle School - GWINNETT COUNTY Gwinnett County Regional Fair

#### SENIOR DIVISION AWARD WINNER:

Shiv Gara

Utilizing Quantum and Classical Computing for Drug Discovery

FCS Innovation Academy - FULTON COUNTY Fulton County Regional Fair

#### Psi Alpha International Honor Society for High School Psychology Award

Founded in 2018, Psi Alpha is an honor society for high school students, inviting students who plan to major or minor in psychology, as well as students who simply have an interest in psychology. Psi Alpha's mission is to enhance high school students' understanding and knowledge of the science of psychology, how psychology benefits society, and career opportunities available in psychology.

#### AWARD WINNER:

**Jaelena Arroyo & Trint Conrod** 

**Academic Perception** 

Impact Academy - HENRY COUNTY Henry County Regional Fair

# 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:**

**McKenzie Broughton** 

Rockdale Magnet School for Science & Technology - ROCKDALE COUNTY Way of Nature: Using Medicinal Herbs to Treat Alzheimer's Disease Rockdale County 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.

#### JUNIOR DIVISION AWARD WINNERS:

Shreya Balamurugan, Jahnavi Jawahar & Samhita Narayanan River Trail Middle School - FULTON COUNTY Unseen Intruders: Shedding Light on an Invisible Threat Fulton County Regional Fair

#### SENIOR DIVISION AWARD WINNER:

**Dani Donald** Rockdale Magnet School for Science & Technology - ROCKDALE COUNTY Agar Packing Material: Just as Good as Styrofoam? Rockdale County Regional Fair

# **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:

**Eugene Kang**Anticancer Activity and Tumor Modulation of Uvularia perfoliata

Harrison High School - COBB COUNTY

Cobb/Paulding Regional Fair

**Sean Lee**Sniper-dCas9: Directed Evolution for the Optimization of dCas9
Lambert High School - FORSYTH COUNTY
Northwest Georgia Regional Fair

# **Stockholm Junior Water Prize Regional Nomination**

Started in 1997, the Stockholm Junior Water Prize is considered the most prestigious award for water-related science, both nationally and internationally. The prize strives to encourage enthusiasm in today's youth regarding water issues, build an international community of young scientists bonded together for the water environment, raise public awareness about the future of water resources, and develop and ensure future leadership in the water quality community by attracting the best and brightest young people into the water sector field. This nomination invites students to apply to the state-level competition.

#### NOMINEES:

Anabella BluhmOconee County High School - OCONEE COUNTYMaking Ocean Oil Spill Cleanup AttractiveNortheast Georgia Regional Fair

**Shelby Kendrick**Aspergillus terreus for Biodegradation of Pre-Treated Plastics
Paulding County High School - PAULDING COUNTY
Cobb/Paulding Regional Fair

Luke LoudonDunwoody High School - DEKALB COUNTYThe Effects of Pollutants on Pond Water QualityDeKalb County Regional Fair

**Seowon (Steven) Park**Measuring the Impact of Conyers BioLab Explosion Using D. magna

Johns Creek High School - FULTON COUNTY
Fulton County Regional Fair

**Tiffany Ramos**E. coli as a Microbiological Indicator of Water Quality

Elite Scholars Academy Jonesboro - CLAYTON COUNTY

Clayton County Regional Fair

#### Thermo Fisher Scientific Junior Innovators Challenge Nomination

Formerly the Broadcom MASTERS competition, the Thermo Fisher Scientific Junior Innovators Challenge is sponsored by the Society for Science and is the nation's premier science fair competition for 6th, 7th and 8th grade students. The following students have been nominated to enter the Thermo Fisher Scientific Junior Innovators Challenge competition. Thermo Fisher Scientific JIC finalists will be awarded an expense-paid trip to Washington, DC in October to compete for more than \$100,000 in prizes. Students who already received nominations from their Regional Fair were not re-nominated.

#### **NOMINEES:**

Arjun AnandaLakeside Middle School Cumming - FORSYTH COUNTYCytognosisNorthwest Georgia Regional Fair

**Saranya Bandaru, Sanika Khairnar & Siruni Pulijala**SegraBin: Revolutionizing Waste Management

Riverwatch Middle School - FORSYTH COUNTY
Northwest Georgia Regional Fair

Pranav Banerjee & Vidith ShastrulaDaniell Middle School - COBB COUNTYHow Can We Create Building Designs that Can Resist Earthquakes?Cobb/Paulding Regional Fair

**Ella Bryant & Avila Harter**May the Best Moisturizer Win

Chamblee Middle School - DEKALB COUNTY

DeKalb County Regional Fair

Award continues on following page →

#### Thermo Fisher Scientific JIC Nominees, continued from previous page

**Joshua Buchanan**General Ray Davis Middle School - ROCKDALE COUNTY

How Extra Weather Information Affects Decision Making

Rockdale County Regional Fair

Peyton ChapmanWilliam James Middle School - BULLOCH COUNTYBeautiful Bones: Best Household Chemical for Whitening BonesSavannah State University Regional Fair

**Hudson Gillentine**E. T. Booth Middle School - CHEROKEE COUNTY
The Alchemy of Elasticity: Turning Stretch into Power
Northwest Georgia Regional Fair

**Kavya Jogiraju, Avery Lohman & Kelly Lu**Under Fire

Riverwatch Middle School - FORSYTH COUNTY
Northwest Georgia Regional Fair

Jooyoung KimRiver Trail Middle School - FULTON COUNTYHigh Gender Determination Using Acoustic Methods in Layer StrainsFulton County Regional Fair

Sesharaman KrishnanDodgen Middle School - COBB COUNTYPradarshan: An Omnidirectional DisplayCobb/Paulding Regional Fair

Siddhant MahapatraDodgen Middle School - COBB COUNTYIdentifying Differentially Expressed Genes in Alzheimer'sCobb/Paulding Regional Fair

**Saanvi Maremanda, Anoushka Nair & Shambhavi Shankar**Biodegradable vs Polythene: Which One Will Save Our Planet?

Piney Grove Middle School - FORSYTH COUNTY
Northwest Georgia Regional Fair

**Dhanvi Mepani**Dove Creek Middle School - OCONEE COUNTYRed Is the New GreenNortheast Georgia Regional Fair

**Tallulah Pair**How to Best Supplement Diets to Prevent Osteoporosis

Tybee Island Maritime Academy - CHATHAM COUNTY
Savannah State University Regional Fair

**Jonah Toon**Clarke Middle School - CLARKE COUNTY

Reducing Carbohydrate Intake Improves Blood Sugar Control

Northeast Georgia Regional Fair

Andrew Wang

Chamblee Middle School - DEKALB COUNTY
Enhancing Bioplastics: Impact of Natural Additives on Flexibility

DeKalb County Regional Fair

Patrick XiaTaylor Road Middle School - FULTON COUNTYSugarcane in 3D PrintingFulton County Regional Fair

**Buruk Ykeallo**The Carbon Cycle: Who Drives It?

Rehoboth Road Middle School - SPALDING COUNTY

Griffin RESA Regional Fair

# **UGA Charter Scholarship Award**

The University of Georgia Charter Scholarship is a \$2,000 renewable scholarship awarded to 225-275 new students demonstrating outstanding achievement in academics and other criteria contained in the Philosophy Statement of Admissions, including an understanding of and respect for intellectual, social, and cultural differences, and a commitment to citizenship through public service, school activities, community involvement, leadership, and family. To qualify for this scholarship, students submitted an application packet documenting their academic standing, as well as a personal essay.

#### SCHOLARSHIP RECEIPIENTS:

Eun Jae LeePeachtree Ridge High School - GWINNETT COUNTYHarshitha RajaprabhuNorthview High School - FULTON COUNTY

# **UGA College of Pharmacy Award**

The UGA College of Pharmacy is a distinguished institution known for its excellence in pharmacy education, research, and community service. They are at the forefront of pharmaceutical research, with faculty and students engaged in groundbreaking studies that contribute to advancements in healthcare and medicine.

#### **AWARD WINNERS:**

Abby Lee, Pragya Modgil & Claire Park

Identification & Validation of Novel Atherosclerosis Biomarkers

Johns Creek High School - FULTON COUNTY

Fulton County Regional Fair

**Ramin Sarkar** Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY

Dual Potential of Anti-Hypertensive IAA for AD and Tau Modulation

Beautiful Bones: Best Household Chemical for Whitening Bones

Gwinnett County Regional Fair

# **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:

**Peyton Chapman** 

William James Middle School - BULLOCH COUNTY

Savannah State University Regional Fair

**SENIOR DIVISION AWARD WINNER:** 

**Anthony Ahn & Aditya Zaveri** 

Traffic Optimization Through Graph Theory

Dunwoody High School - DEKALB COUNTY

DeKalb 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:

**Shawn Rouse** 5 Second Rule

THRIVE Christian Academy - GWINNETT COUNTY

DeKalb County Regional Fair

SENIOR DIVISION AWARD WINNER:

**Tiffany Ramos** 

Elite Scholars Academy Jonesboro - CLAYTON COUNTY

Clayton County Regional Fair

E. coli as a Microbiological Indicator of Water Quality

# **UGA Physics & Astronomy Department Award**

The University of Georgia Department of Physics and Astronomy offers undergraduate degrees in Astrophysics and Physics. It also offers comprehensive graduate degrees at both the Masters and Doctorate levels. Recipients of this award will be receiving a full set of the New Millennium Edition of The Feynman Lectures on Physics.

#### JUNIOR DIVISION AWARD WINNER:

**Jooyoung Kim** 

River Trail Middle School - FULTON COUNTY

High Gender Determination Using Acoustic Methods in Layer Strains

Fulton County Regional Fair

**SENIOR DIVISION AWARD WINNERS:** 

**Nicole Ouyang & Hiya Patel** 

Chattahoochee High School - FULTON COUNTY

Quantum AI for TESS: Detecting Exoplanet Candidates w/ ExoScope-Q

Fulton County Regional Fair

#### **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:

Stephen Griggs
Midtown High School - FULTON COUNTY
Standarson Long Endurance Solar Powered LIAV for Digaster Police
Atlanta Pogicanal Enir

Sundancer: Long Endurance Solar Powered UAV for Disaster Relief

Atlanta Regional Fair

Adarsh Hemrajani, Aakash Joshi & Kristen Lee

Rose Petal Microstructures in Improving Solar Power Efficiency

Chattahoochee High School - FULTON COUNTY Fulton County Regional Fair

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#### **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.

#### JUNIOR DIVISION AWARD WINNER:

**Garrett Torres**Oconee County Middle School - OCONEE COUNTY
How Green Tea Processing Methods Affect Antimicrobial Potential
Northeast Georgia Regional Fair

#### SENIOR DIVISION AWARD WINNERS:

Yesha Mistry & Remiya Stephens

Rutland High School - BIBB COUNTY

Centrifugal Cycle: The Best Solution for Nanoplastic Separation

Georgia College Regional Fair

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# Wesleyan College Math & Science Award

As the first college in the world chartered to grant degrees to women, Wesleyan College is committed to creating a diverse and inclusive women's education.

#### AWARD WINNERS:

**Dani Donald**Rockdale Magnet School for Science & Technology - ROCKDALE COUNTY
Agar Packing Material: Just as Good as Styrofoam?
Rockdale County Regional Fair

**Hannah Liles**Synthesis of Silver Nanoparticles for Detection of Heavy Metals
Rutland High School - BIBB COUNTY
Georgia College Regional Fair

Sarah WangThe Westminster Schools - FULTON COUNTYSpatial Disparities in Toxic Particulate Matter Across TransportAtlanta Regional Fair

# **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:

**Samantha Dalby**Wheeled to Quadruped Transforming Robot

Woodland High School Stockbridge - HENRY COUNTY Henry County 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 Regeneron 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:** 

**Grace Zeleke** 

Walton High School COBB COUNTY



# **GRAND AWARDS - JUNIOR DIVISION**

#### **Junior Division Student Choice Awards**

**GROSSEST PROJECT:** 

Ellis Robertson Thomas County Middle School - THOMAS COUNTY

Urine the Race ABAC Regional Fair

"I NEVER WOULD HAVE THOUGHT OF THAT":

Sesharaman Krishnan Dodgen Middle School - COBB COUNTY

Pradarshan: An Omnidirectional Display Cobb/Paulding Regional Fair

**BEST OVERALL:** 

Saylor Mactier Waycross Middle School - WARE COUNTY

How Do Mental Health Disorders Affect You? South Georgia State College Regional Fair

**Junior Division Best in Category** 

ANIMAL SCIENCE:

Jooyoung Kim River Trail Middle School - FULTON COUNTY

High Gender Determination Using Acoustic Methods in Layer Strains

Fulton County Regional Fair

**BEHAVIORAL & SOCIAL SCIENCE:** 

**Joshua Buchanan** General Ray Davis Middle School - ROCKDALE COUNTY

How Extra Weather Information Affects Decision Making Rockdale County Regional Fair

**BIOCHEMISTRY:** 

Spencer Fortson General Ray Davis Middle School - ROCKDALE COUNTY

Retention of Moisture in Low-Porosity Afro-Centric Hair Rockdale County Regional Fair

BIOMEDICAL & HEALTH SCIENCE:

**Tallulah Pair**Tybee Island Maritime Academy - CHATHAM COUNTY

How to Best Supplement Diets to Prevent Osteoporosis

Savannah State University Regional Fair

**BIOMEDICAL ENGINEERING:** 

Arjun Ananda Lakeside Middle School Cumming - FORSYTH COUNTY

Cytognosis Northwest Georgia Regional Fair

CELLULAR & MOLECULAR BIOLOGY:

Grayson White Central Middle School - CARROLL COUNTY

How Does Omega 3 Chicken Feed Supplement Affect Daily Egg Product West Georgia Regional Fair

**CHEMISTRY:** 

Stella Nguyen North Gwinnett Middle School - GWINNETT COUNTY

Stained to Sparkle Gwinnett County Regional Fair

**COMPUTATIONAL BIOLOGY & BIOINFORMATICS:** 

Siddhant Mahapatra Dodgen Middle School - COBB COUNTY

Identifying Differentially Expressed Genes in Alzheimer's Cobb/Paulding Regional Fair

**EARTH & ENVIRONMENTAL SCIENCE:** 

Andrew Wang Chamblee Middle School - DEKALB COUNTY

Enhancing Bioplastics: Impact of Natural Additives on Flexibility DeKalb County Regional Fair

**EMBEDDED SYSTEMS:** 

**Veer Shah** 

Keep Going - The Future of Electric Vehicles

Hull Middle School - GWINNETT COUNTY Gwinnett County Regional Fair

Fulton Science Academy - FULTON COUNTY

ENERGY: SUSTAINABLE MATERIALS & DESIGN:

**Sahil Singh** 

Sound, Vibrations, EMF, and Electrostatic Energy Generation

**ENGINEERING MECHANICS:** 

Sesharaman Krishnan Dodgen Middle School - COBB COUNTY Pradarshan: An Omnidirectional Display

Cobb/Paulding Regional Fair

Fulton County Regional Fair

**ENVIRONMENTAL ENGINEERING:** 

Saranya Bandaru, Sanika Khairnar & Siruni Pulijala

SegraBin: Revolutionizing Waste Management

Riverwatch Middle School - FORSYTH COUNTY

Northwest Georgia Regional Fair

MATERIALS SCIENCE:

**Hudson Gillentine** E. T. Booth Middle School - CHEROKEE COUNTY

The Alchemy of Elasticity: Turning Stretch into Power Northwest Georgia Regional Fair

**MATHEMATICS:** 

**Molly Grace Carney** MacIntyre Park Middle School - THOMAS COUNTY

Man vs. Machine **ABAC Regional Fair** 

MICROBIOLOGY:

Oconee County Middle School - OCONEE COUNTY **Garrett Torres** 

How Green Tea Processing Methods Affect Antimicrobial Potential Northeast Georgia Regional Fair

**PHYSICS & ASTRONOMY:** 

**Helen Zhou** Taylor Road Middle School - FULTON COUNTY

The Effect of Solute Identity and Concentration on Refraction Fulton County Regional Fair

**PLANT SCIENCE:** 

**Arman Shpuza** The Westminster Schools - FULTON COUNTY

A Solution to Air Pollution Atlanta Regional Fair

**ROBOTICS & INTELLIGENT MACHINES:** 

**Olivia Molesworth** Piney Grove Middle School - FORSYTH COUNTY

No Longer Lost in the Middle: How LLMs Assess Large Datasets Northwest Georgia Regional Fair

**SYSTEMS SOFTWARE:** 

Maya Davis, Sloan Ghai & Anushka Venkatdas Riverwatch Middle School - FORSYTH COUNTY

ImmunoIntel: AI's Costimulatory Domain Matchmaker Northwest Georgia Regional Fair

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

**OUTSTANDING 6TH GRADE PROJECT:** 

**Hudson Gillentine** E. T. Booth Middle School - CHEROKEE COUNTY

The Alchemy of Elasticity: Turning Stretch into Power Northwest Georgia Regional Fair

**OUTSTANDING 7TH GRADE PROJECT:** 

**Siddhant Mahapatra** Dodgen Middle School - COBB COUNTY

Identifying Differentially Expressed Genes in Alzheimer's Cobb/Paulding Regional Fair

**OUTSTANDING 8TH GRADE PROJECT:** 

**Jooyoung Kim** River Trail Middle School - FULTON COUNTY

High Gender Determination Using Acoustic Methods in Layer Strains Fulton County Regional Fair

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

# **Jooyoung Kim**

High Gender Determination Using Acoustic Methods in Layer Strains

River Trail Middle School - FULTON COUNTY Fulton County Regional Fair



# **GRAND AWARDS - SENIOR DIVISION**

# **Senior Division Best in Category**

ANIMAL SCIENCE:

Vikram BoraJohns Creek High School - FULTON COUNTY

Springtail Inspired Mechanisms for Advancing Bio-Hybrid Robotics Fulton County Regional Fair

**BEHAVIORAL & SOCIAL SCIENCE:** 

Jaelena Arroyo & Trint Conrod Impact Academy - HENRY COUNTY

Academic Perception Henry County Regional Fair

**BIOCHEMISTRY:** 

**Ramin Sarkar** Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY

Dual Potential of Anti-Hypertensive IAA for AD and Tau Modulation Gwinnett County Regional Fair

**BIOMEDICAL & HEALTH SCIENCE:** 

Christopher Nguyen FCS Innovation Academy - FULTON COUNTY

Bioremediation to Reduce Effects of PAH on Fetal & Neuro Systems Fulton County Regional Fair

**BIOMEDICAL ENGINEERING:** 

Aadi Vaidya McIntosh High School - FAYETTE COUNTY

TremorTech: A Stabilizing Glove for Parkinson's Disease Tremors Griffin RESA Regional Fair

CELLULAR & MOLECULAR BIOLOGY:

Andrew Guo Gwinnett School of Mathematics, Science & Technology -

Investigating Variable rRNA Modifications in Ribosome Biogenesis Gwinnett County Regional Fair

**CHEMISTRY:** 

Pragathi Kasani-Akula South Forsyth High School - FORSYTH COUNTY

Nanoarchitectures for the Identification of Exosomes of TNBC

Northwest Georgia Regional Fair

**COMPUTATIONAL BIOLOGY & BIOINFORMATICS:** 

Arpit Ramani Wheeler High School - COBB COUNTY

QMD Biclonal Antibodies to Prevent Ferroptosis in Alzheimer's Cobb/Paulding Regional Fair

**EARTH & ENVIRONMENTAL SCIENCE:** 

Sarah Wang The Westminster Schools - FULTON COUNTY

Spatial Disparities in Toxic Particulate Matter Across Transport Atlanta Regional Fair

**EMBEDDED SYSTEMS:** 

Om Guin & Pranav Sambhu Fulton Science Academy - FULTON COUNTY

ShooterScan: Real-Time Detection for Stopping School Intruders Fulton County Regional Fair

**ENERGY: SUSTAINABLE MATERIALS & DESIGN:** 

Adarsh Hemrajani, Aakash Joshi & Kristen Lee Chattahoochee High School - FULTON COUNTY

Rose Petal Microstructures in Improving Solar Power Efficiency Fulton County Regional Fair

**ENGINEERING MECHANICS:** 

Stephen Griggs Midtown High School - FULTON COUNTY

Sundancer: Long Endurance Solar Powered UAV for Disaster Relief Atlanta Regional Fair

#### **ENVIRONMENTAL ENGINEERING:**

Joy Sanders Warner Robins High School - HOUSTON COUNTY

Value Added Product from Cellulose in Peanut Shell Agro Waste

Houston Regional Fair

#### MATERIALS SCIENCE:

Abhijeet GhoshWalton High School - COBB COUNTYGold Nanoparticles in Medicine: A Study of Anti-Cancer PropertiesCobb/Paulding Regional Fair

MICROBIOLOGY:

**Eun Jae Lee**Peachtree Ridge High School - GWINNETT COUNTY

Silent Signals: Boronic Acids Quench E. coli Quorum Sensing

Gwinnett County Regional Fair

#### **PHYSICS & ASTRONOMY:**

**Mehek Saha**Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY
Geometric Optimization of Differential Ray-Tracing Models
Gwinnett County Regional Fair

PLANT SCIENCE:

Taylor Fegley & Nathon Sanft Mountain View High School - GWINNETT COUNTY

Killer Plants: The Allelopathic Properties of Catnip

**ROBOTICS & INTELLIGENT MACHINES:** 

**Zachary Orwin** Seckinger High School - GWINNETT COUNTY

Virtual Vision: Enhancing Navigation and Perception for the Blind

Gwinnett County Regional Fair

Gwinnett County Regional Fair

**SYSTEMS SOFTWARE:** 

**Samiel Azmaien & Austin Johnson** Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY Optimizing V100 GPU Architecture and Markov Predictive Caching Gwinnett County Regional Fair

TRANSLATIONAL MEDICAL SCIENCE:

Aarav Kothari, Diya Raj & Palak Verma

A Multimodal Framework for Non-Invasive Celiac Disease Diagnosis

Denmark High School - FORSYTH COUNTY

Northwest Georgia 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:

**Rowan Gillian** 

The Optimal OECT for Future Liquid Biopsies for Cancer

Rhyland O'Neill

Red Blood Cell Derived-Extracellular Vesicles for Therapeutic App

**Riley Sipe** 

Making a Low-Cost Carbon Catcher for Developing Communities

The Westminster Schools - FULTON COUNTY
Atlanta Regional Fair

Drew Charter School - FULTON COUNTY Atlanta Regional Fair

North Atlanta High School - FULTON COUNTY Atlanta Regional Fair

CLAYTON COUNTY REGIONAL FINALISTS:

Vv Le

Optimization of Soil Microbes for Microplastic Biodegradation

Morrow High School - CLAYTON COUNTY Clayton County Regional Fair

**James Mays & Ka'Lil Remer** 

Cost-Effective Sound Transducers for Cardiological Applications

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

**COBB/PAULDING REGIONAL FINALISTS:** 

**Arpit Ramani** 

QMD Biclonal Antibodies to Prevent Ferroptosis in Alzheimer's

Wheeler High School - COBB COUNTY Cobb/Paulding Regional Fair

**DEKALB COUNTY REGIONAL FINALIST:** 

Akosua Baah

We're Dyeing to Know!

Tucker High School - DEKALB COUNTY

DeKalb County Regional Fair

**Anushka Sable** 

A Platform to Study Microplastic Pollution-Induced Pathologies

Chamblee High School - DEKALB COUNTY

DeKalb County Regional Fair

**GEORGIA COLLEGE REGIONAL FINALISTS:** 

**Hannah Liles** 

Synthesis of Silver Nanoparticles for Detection of Heavy Metals

Rutland High School - BIBB COUNTY Georgia College Regional Fair

**Emma Tillery** 

Investigating the Effects of Gravitational Force on Cress Seed

Central High School Macon - BIBB COUNTY Georgia College Regional Fair

**GRIFFIN RESA REGIONAL FINALISTS:** 

**Ludovic Lythgoe** 

A Multimodal Deep Ensemble Network for ASD Diagnosis & Subtyping

Whitewater High School - FAYETTE COUNTY
Griffin RESA Regional Fair

**Lara Otico** 

Speuro: Kudzu-Based Supramolecular Polymers for Neuroregeneration

McIntosh High School - FAYETTE COUNTY Griffin RESA Regional Fair

**Aadi Vaidya** 

TremorTech: A Stabilizing Glove for Parkinson's Disease Tremors

McIntosh High School - FAYETTE COUNTY Griffin RESA Regional Fair

#### GWINNETT COUNTY REGIONAL FINALISTS:

**Aditya Arora**Peachtree Ridge High School - GWINNETT COUNTY
EV Charge - A Novel Approach to EV Charging Infrastructure
Gwinnett County Regional Fair

**Samiel Azmaien & Austin Johnson** Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY Optimizing V100 GPU Architecture and Markov Predictive Caching Gwinnett County Regional Fair

**Kristen Bright** Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY Phage and Peptide Solutions for Biofilm Growth in Space Gwinnett County Regional Fair

**BanAnh Doan**Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY
Optimization of Net & Whipple Shield-Based Space Debris Removal
Gwinnett County Regional Fair

**Joyce Lee**Peachtree Ridge High School - GWINNETT COUNTY
N-3-Hydroxyphenyl Alkanamide for Seizure Management
Gwinnett County Regional Fair

**Eun Jae Lee**Silent Signals: Boronic Acids Quench E. coli Quorum Sensing
Peachtree Ridge High School - GWINNETT COUNTY
Gwinnett County Regional Fair

#### HENRY COUNTY REGIONAL FINALISTS:

**Samantha Dalby**Woodland High School Stockbridge - HENRY COUNTY
Wheeled to Quadruped Transforming Robot
Henry County Regional Fair

**Jonathan Dorminy**Faster Terahertz Gap Modulation for Higher Data Rates
Sola Fide Home School - HENRY COUNTY
Henry County Regional Fair

**Monica Ngo & Hannah Tran** Woodland High School Stockbridge - HENRY COUNTY Thermoelectric Generator's Effect on Photovoltaic System's Output Henry County Regional Fair

#### **HOUSTON REGIONAL FINALISTS:**

**Joy Sanders**Value Added Product from Cellulose in Peanut Shell Agro Waste

Warner Robins High School - HOUSTON COUNTY
Houston Regional Fair

#### ROCKDALE COUNTY REGIONAL FINALISTS:

**Sydney Hammett** Rockdale Magnet School for Science & Technology - ROCKDALE COUNTY Redefining Synthetic Hair: A Sustainable Banana Fiber Solution Rockdale County Regional Fair

**Gavin Reece** Rockdale Magnet School for Science & Technology - ROCKDALE COUNTY Using Magnets to Replace Traditional Static Automotive Suspension Rockdale County Regional Fair

Alex RojasRockdale Magnet School for Science & Technology - ROCKDALE COUNTYUsing Electroencephalography to Control Transhumeral ProsthesesRockdale County Regional Fair



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

listed alphabetically



#### Samiel Azmaien & Austin Johnson

Optimizing V100 GPU Architecture and Markov Predictive Caching
Gwinnett School of Mathematics, Science & Technology - GWINNETT COUNTY
Gwinnett County Regional Fair

#### **Stephen Griggs**

Sundancer: Long Endurance Solar Powered UAV for Disaster Relief
Midtown High School - FULTON COUNTY
Atlanta Regional Fair

#### **Om Guin & Pranav Sambhu**

ShooterScan: Real-Time Detection for Stopping School Intruders
Fulton Science Academy - FULTON COUNTY
Fulton County Regional Fair

#### Pragathi Kasani-Akula

Nanoarchitectures for the Identification of Exosomes of TNBC South Forsyth High School - FORSYTH COUNTY Northwest Georgia Regional Fair

#### Aarav Kothari, Diya Raj & Palak Verma

A Multimodal Framework for Non-Invasive Celiac Disease Diagnosis

Denmark High School - FORSYTH COUNTY

Northwest Georgia Regional Fair

#### **Eun Jae Lee**

Silent Signals: Boronic Acids Quench E. coli Quorum Sensing
Peachtree Ridge High School - GWINNETT COUNTY
Gwinnett County Regional Fair

#### Ayan Patel

Therasyn: A Novel Synergistic Drug Therapy for COPD
Walton High School - COBB COUNTY
Cobb/Paulding Regional Fair

#### Harshitha Rajaprabhu

The Genetics Behind Systemic Lupus Erythematosus
Northview High School - FULTON COUNTY
Fulton County Regional Fair

#### **Arpit Ramani**

QMD Biclonal Antibodies to Prevent Ferroptosis in Alzheimer's
Wheeler High School - COBB COUNTY
Cobb/Paulding Regional Fair



# GEORGIA SCIENCE & ENGINEERING FAIR REGENERON ISEF AWARD





#### **Stephen Griggs**

Sundancer: Long Endurance Solar Powered UAV for Disaster Relief
Midtown High School - FULTON COUNTY
Atlanta Regional Fair

#### Pragathi Kasani-Akula

Nanoarchitectures for the Identification of Exosomes of TNBC South Forsyth High School - FORSYTH COUNTY Northwest Georgia Regional Fair

#### Ayan Patel

Therasyn: A Novel Synergistic Drug Therapy for COPD
Walton High School - COBB COUNTY
Cobb/Paulding Regional Fair

#### Harshitha Rajaprabhu

The Genetics Behind Systemic Lupus Erythematosus Northview High School - FULTON COUNTY Fulton County Regional Fair

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

# Pragathi Kasani-Akula

Nanoarchitectures for the Identification of Exosomes of TNBC

South Forsyth High School - FORSYTH COUNTY

Northwest Georgia Regional Fair



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 are awarded a ribbon and certificate honoring their hard work and participation in the statewide Georgia Science & Engineering Fair.

#### **FIRST HONORS**

Lakeside Middle School Cumming FORSYTH COUNTY Arjun Ananda Saranya Bandaru Riverwatch Middle School FORSYTH COUNTY Pranav Banerjee Daniell Middle School **COBB COUNTY** Ella Bryant Chamblee Middle School **DEKALB COUNTY** Joshua Buchanan General Ray Davis Middle School **ROCKDALE COUNTY** Peyton Chapman William James Middle School **BULLOCH COUNTY Hudson Gillentine** E. T. Booth Middle School CHEROKEE COUNTY Avila Harter Chamblee Middle School **DEKALB COUNTY** Kavya Jogiraju Riverwatch Middle School FORSYTH COUNTY Sanika Khairnar Riverwatch Middle School FORSYTH COUNTY Jooyoung Kim River Trail Middle School **FULTON COUNTY** Sesharaman Krishnan Dodgen Middle School COBB COUNTY Avery Lohman Riverwatch Middle School FORSYTH COUNTY Kelly Lu Riverwatch Middle School FORSYTH COUNTY Siddhant Mahapatra Dodgen Middle School COBB COUNTY Saanvi Maremanda Piney Grove Middle School FORSYTH COUNTY Dove Creek Middle School OCONEE COUNTY Dhanvi Mepani Archan Morajkar **Hull Middle School GWINNETT COUNTY** Anoushka Nair Piney Grove Middle School **FORSYTH COUNTY GWINNETT COUNTY** Stella Nguyen North Gwinnett Middle School Tallulah Pair Tybee Island Maritime Academy CHATHAM COUNTY Riverwatch Middle School Siruni Pulijala FORSYTH COUNTY Eshaan Shah Hull Middle School **GWINNETT COUNTY** Veer Shah Hull Middle School **GWINNETT COUNTY** Shambhavi Shankar Piney Grove Middle School FORSYTH COUNTY Vidith Shastrula Daniell Middle School **COBB COUNTY** The Westminster Schools Arman Shpuza **FULTON (ATLA REGIONAL)** Jonah Toon Clarke Middle School **CLARKE COUNTY** Chamblee Middle School **DEKALB COUNTY** Andrew Wang Patrick Xia Taylor Road Middle School **FULTON COUNTY** Buruk Ykeallo Rehoboth Road Middle School SPALDING COUNTY

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#### SECOND HONORS

Daniel Adebayo Chapel Hill Middle Douglasville Ursuline Arnold David T. Howard Middle School Shreya Balamurugan River Trail Middle School Piper Card Hilsman Middle School Jade Coleman Central Middle School Maya Davis Riverwatch Middle School Savi Garq River Trail Middle School Sloan Ghai Riverwatch Middle School Aemalie Griffin Mossy Creek Middle School Malcolm Guise David T. Howard Middle School Glenn C. Jones Middle School Robert Hall David T. Howard Middle School Adyn Honore' Jahnavi Jawahar River Trail Middle School Rylee Kelly Crisp County Middle School Mahdy Masoud Wadsworth Magnet School Nevee Mishra Malcom Bridge Middle School Olivia Molesworth Piney Grove Middle School Samhita Narayanan River Trail Middle School Rishabh Pandya E. T. Booth Middle School Ashaan Patel The Westminster Schools Mia Perla Chamblee Middle School Raelynn Robinson Richards Middle School Shawn Rouse THRIVE Christian Academy Jessie Salas Estrada Hilsman Middle School CLARKE COUNTY Sarah Small St. Thomas More Catholic School **DEKALB COUNTY** 

David T. Howard Middle School

Thomas County Middle School

Oconee County Middle School

Riverwatch Middle School

The Westminster Schools

Taylor Road Middle School

Emma Striedinger

Anushka Venkatdas

**Garrett Torres** 

Jacey Wu

Helen Zhou

Mary Evenal Thompson

**DOUGLAS COUNTY FULTON (ATLA REGIONAL) FULTON COUNTY** CLARKE COUNTY **CARROLL COUNTY** FORSYTH COUNTY **FULTON COUNTY** FORSYTH COUNTY HOUSTON COUNTY FULTON (ATLA REGIONAL) **GWINNETT COUNTY FULTON (ATLA REGIONAL) FULTON COUNTY** CRISP COUNTY **DEKALB COUNTY** OCONEE COUNTY FORSYTH COUNTY **FULTON COUNTY** CHEROKEE COUNTY **FULTON (ATLA REGIONAL) DEKALB COUNTY** MUSCOGEE COUNTY **GWINNETT COUNTY** 

**FULTON (ATLA REGIONAL)** 

FULTON (ATLA REGIONAL)

THOMAS COUNTY

OCONEE COUNTY

FORSYTH COUNTY

**FULTON COUNTY** 

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#### THIRD HONORS

Juann Abraham Taylor Road Middle School **FULTON COUNTY** Aarushi Amin Hull Middle School **GWINNETT COUNTY** Aarushi Arora Hull Middle School **GWINNETT COUNTY** Satwik Bodhireddy DeSana Middle School FORSYTH COUNTY Alex Call Clarke Middle School **CLARKE COUNTY** Sahil Chitta Piney Grove Middle School FORSYTH COUNTY Saurya Chunduri Piney Grove Middle School FORSYTH COUNTY **Ruby Darnell** Dove Creek Middle School OCONEE COUNTY Olivia Ficarra Henderson Middle School Jackson **BUTTS COUNTY** Omar Ghareeb Clarke Middle School CLARKE COUNTY Ezra Irwin Clarke Middle School **CLARKE COUNTY** Charlotte Killebrew Pine Hill Middle School RICHMOND COUNTY Mason Malec Clarke Middle School **CLARKE COUNTY** Ian McCracken Clarke Middle School **CLARKE COUNTY Zyion Miles** M D Roberts Middle School **CLAYTON COUNTY** Richards Middle School Ryan Nix MUSCOGEE COUNTY **FULTON COUNTY** Harper O'Neill River Trail Middle School Annabelle Paquette St. James Catholic School CHATHAM COUNTY Veera Puri Oak Hill Middle School **BALDWIN COUNTY** Aisha Saxena The Irish Gifted Academy LAURENS COUNTY Aatmiva Shah The Irish Gifted Academy LAURENS COUNTY Anoushka Shinde River Trail Middle School **FULTON COUNTY** Sahil Singh **Fulton Science Academy FULTON COUNTY** Rvan Sok **GWINNETT COUNTY** Hull Middle School Saahil Trivedi Taylor Road Middle School **FULTON COUNTY** Lucas Trust Social Circle Middle School WALTON COUNTY Aanetra Vaidya Piney Grove Middle School FORSYTH COUNTY M.K. Vaughn Woodward Academy **FULTON COUNTY Brantley Vogt Drew Charter School FULTON (ATLA REGIONAL)** Leona Wierwille Chamblee Middle School **DEKALB COUNTY** 

DeSana Middle School

**FORSYTH COUNTY** 

Vishruth Yelisetti

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.

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# **FOURTH HONORS**

Janelle Adzotor Factory Shoals Middle School **DOUGLAS COUNTY** Cameron Bell Woodland Middle School Stockbridge **HENRY COUNTY** Bryce Bosworth Sutton Middle School **FULTON (ATLA REGIONAL) FAYETTE COUNTY** Woodson Bowe Rising Starr Middle School Charlotte Brown Aaron Cohn Middle School MUSCOGEE COUNTY Daniel Bruijn Rising Starr Middle School **FAYETTE COUNTY** Nicolas Chong Prieto Taylor Road Middle School **FULTON COUNTY** Spencer Fortson General Ray Davis Middle School **ROCKDALE COUNTY** India Grainger Austin Road Middle School HENRY COUNTY Hilsman Middle School Abby Green CLARKE COUNTY Auden Ing Woodland Middle School Stockbridge HENRY COUNTY Olivia Inman Fairplay Middle School **DOUGLAS COUNTY** Daphne Kolan Chamblee Middle School **DEKALB COUNTY** Ryan McCord The Champion Theme Middle School **DEKALB COUNTY** Dennon McMillan Bonaire Middle School **HOUSTON COUNTY** Layla Mitchell Brooks County Middle School **BROOKS COUNTY** Harrison Mobley St. James Catholic School CHATHAM COUNTY Samantha Nelson Austin Road Middle School HENRY COUNTY Sadie Paul Five Forks Middle School **GWINNETT COUNTY** 

**Booth Middle School FAYETTE COUNTY** Domenick Luca Peronti Amogh Ramesh **Booth Middle School FAYETTE COUNTY** Hilsman Middle School Lillian Shaw **CLARKE COUNTY** Cora Snyder Oak Hill Middle School **BALDWIN COUNTY** Richards Middle School MUSCOGEE COUNTY Luke Suprise Carson Ta Summerour Middle School **GWINNETT COUNTY** Paul Vu **Booth Middle School FAYETTE COUNTY** 

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#### STATE COMPETITOR

Sara Abonza
Annie Achiampong
Angelica Agbaere
Amar'e Altice
Gabriella Amissah
Tai'Lynn Askew
Johana Bacon
Baylie Ballard
Wyatt Ballard
Nandi Bancroft
Caiden Bass
Andrew Beauchamp
Jhakeirra Bell

Laurie Bjorkland-Glazman

Eliana Blanchard Israel Blanchard Daniel Brown

Owen Bryant-Molyneaux

Emma Burrell Treshawn Burris Conner Bussey Molly Grace Carney Taige Castillo Lyric Caudell

Dheephaasakti Chandrasekaran

Annabel Chastain Lakshmi Chawda Qing Lan Chen Qing Lu Chen

Maxwell Chesnut-Anne

Zack Christie Lyrik Clayton Charlie Cole Addi Colick Anna Collins Atkinson County Middle School Union Grove Middle School Austin Road Middle School Twin Rivers Middle School East Columbus Magnet Academy

Rex Mill Middle School Waycross Middle School Scholars Academy

Scholars Academy
Lanier Middle School
Nahunta Elementary School

Richards Middle School Waycross Middle School Clarke Middle School Five Forks Middle School Five Forks Middle School Clarke Middle School Drew Charter School Oak Hill Middle School

Fort Middle School
Austin Road Middle School
MacIntyre Park Middle School
McDonough Middle School
Clarke Middle School

Fairplay Middle School

Atkinson County Middle School

Lanier Middle School

The STEM Academy at Bartlett
The STEM Academy at Bartlett
Wadsworth Magnet School
Thomas County Middle School
Clinch County Middle School
Elite Scholars Academy Jonesboro

William James Middle School

Bonaire Middle School

ATKINSON COUNTY

HENRY COUNTY HENRY COUNTY

GWINNETT COUNTY
MUSCOGEE COUNTY

CLAYTON COUNTY
WARE COUNTY

THOMAS COUNTY
THOMAS COUNTY
GWINNETT COUNTY

BRANTLEY COUNTY
MUSCOGEE COUNTY

WARE COUNTY
CLARKE COUNTY
GWINNETT COUNTY
GWINNETT COUNTY

**CLARKE COUNTY** 

FULTON (ATLA REGIONAL)

BALDWIN COUNTY MUSCOGEE COUNTY

HENRY COUNTY
THOMAS COUNTY
HENRY COUNTY
CLARKE COUNTY
DOUGLAS COUNTY
ATKINSON COUNTY
GWINNETT COUNTY
CHATHAM COUNTY

CHATHAM COUNTY
CHATHAM COUNTY
DEKALB COUNTY
THOMAS COUNTY
CLINCH COUNTY
CLAYTON COUNTY
HOUSTON COUNTY

BULLOCH COUNTY

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# STATE COMPETITOR, CONT'D

Iris Cooper Rex Mill Middle School **CLAYTON COUNTY** Estella Craft Rothschild Leadership Academy MUSCOGEE COUNTY Josephine Crim Clarke Middle School CLARKE COUNTY **Emily Cuenca** General Ray Davis Middle School **ROCKDALE COUNTY** London Culver The Irish Gifted Academy LAURENS COUNTY CRISP COUNTY Brayleigh Denham Crisp County Middle School **Dante Dennis** Waycross Middle School WARE COUNTY Arsh Doddamani Glenn C. Jones Middle School **GWINNETT COUNTY** Nathan Douglas Atkinson County Middle School ATKINSON COUNTY Victoria Duncan Aaron Cohn Middle School MUSCOGEE COUNTY Mason Eberhardt Georgia College Early College **BALDWIN COUNTY** Caleb Eddy Bonaire Middle School **HOUSTON COUNTY Andrew Edwards** Rothschild Leadership Academy MUSCOGEE COUNTY Maggie Cate Ferguson Bonaire Middle School **HOUSTON COUNTY** Ana-Maria Filimon Oak Hill Middle School **BALDWIN COUNTY** Khloe Franklin Atkinson County Middle School ATKINSON COUNTY Noah Franklin Oak Hill Middle School **BALDWIN COUNTY** Davis Fussell Atkinson County Middle School ATKINSON COUNTY Kennedy Gates Clarke Middle School **CLARKE COUNTY** Akeem Gibson Waycross Middle School WARE COUNTY Usman Gill Memorial Middle School ROCKDALE COUNTY Arely Gonzalez North Clayton Middle School **CLAYTON COUNTY Brooks County Middle School** Noah Grage **BROOKS COUNTY** Austin Road Middle School HENRY COUNTY Allen Graves Stacey Green Mason Creek Middle School **DOUGLAS COUNTY** Damon Gresham Central Middle School CARROLL COUNTY Maybree Gruno **Brooks County Middle School BROOKS COUNTY** Ezra Haag Clarke Middle School **CLARKE COUNTY Wyatt Hamilton** Tybee Island Maritime Academy CHATHAM COUNTY Georgia College Early College **BALDWIN COUNTY** Mackenzie Hampton Kylie Harbin Bonaire Middle School HOUSTON COUNTY THOMAS COUNTY Bella Harden Scholars Academy Cullen Harrell Thomas County Middle School THOMAS COUNTY Josie Harris Nahunta Elementary School **BRANTLEY COUNTY** 

North Clayton Middle School

Mya Harris

**CLAYTON COUNTY** 

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**GSE** 

HOUSTON COUNTY

# STATE COMPETITOR, CONT'D

Kent Harvey The Irish Gifted Academy LAURENS COUNTY Robert Heald Clarke Middle School **CLARKE COUNTY** Anniston Herron Thomson Middle School **HOUSTON COUNTY** Sadie Hess Perry Middle School HOUSTON COUNTY Alainah Hicks Tybee Island Maritime Academy **CHATHAM COUNTY** Kinsley Hockensmith Crisp County Middle School CRISP COUNTY Rothschild Leadership Academy MUSCOGEE COUNTY A'Maya Hunter Reece Huston Miller Fine Arts Middle School **BIBB COUNTY** Aireyin Jackson Feagin Mill Middle School **HOUSTON COUNTY** Carynn Jefferson Veterans Memorial Middle School MUSCOGEE COUNTY

**Isabel Jenkins** Thomas County Middle School THOMAS COUNTY Autumn Johnson Austin Road Middle School HENRY COUNTY Matthew Johnson Austin Road Middle School HENRY COUNTY Nia Kelly Chestnut Log Middle School **DOUGLAS COUNTY** Amari Kemp Bennett's Mill Middle School **FAYETTE COUNTY HOUSTON COUNTY** 

Melanie Kennington Perry Middle School

Ryan Kirk Mossy Creek Middle School

**Patrick Kitchens** The Champion Theme Middle School **DEKALB COUNTY** Henderson Middle School Kayla Kokoth **DEKALB COUNTY** 

Clarke Middle School **CLARKE COUNTY** Ojas Kulkarni

Loxley Lamar Wesley International Academy **FULTON (ATLA REGIONAL)** 

Josiah LaRue Clarke Middle School **CLARKE COUNTY** 

Daviana Lattimore North Clayton Middle School CLAYTON COUNTY Andrew Lauer **HOUSTON COUNTY** Mossy Creek Middle School

Kyndall Lemon The Champion Theme Middle School **DEKALB COUNTY** Lilly Lewis Miller Fine Arts Middle School **BIBB COUNTY** Anaya Lindsey The Irish Gifted Academy LAURENS COUNTY

Minuli Liyanarchchi Bay Creek Middle School **GWINNETT COUNTY** Zion Logbo Chamblee Middle School **DEKALB COUNTY** William James Middle School **BULLOCH COUNTY** Jamie Love

Madeline MacDonald Smitha Middle School COBB COUNTY WARE COUNTY Saylor Mactier Waycross Middle School Waleed Marouf Feagin Mill Middle School HOUSTON COUNTY Ethan Martin Chamblee Middle School **DEKALB COUNTY** 

Harley Mash Thomas County Middle School THOMAS COUNTY

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**GSE** 

CLINCH COUNTY

**DEKALB COUNTY** 

**DEKALB COUNTY** 

**GWINNETT COUNTY** 

# STATE COMPETITOR, CONT'D

Monique Mayes M D Roberts Middle School **CLAYTON COUNTY** Ryleigh Mayo Central Middle School **CARROLL COUNTY** Bella McCullough Bonaire Middle School **HOUSTON COUNTY** William McCullough Rising Starr Middle School **FAYETTE COUNTY** Emmy McNeal Feagin Mill Middle School **HOUSTON COUNTY** General Ray Davis Middle School Chloe Medbery **ROCKDALE COUNTY Braylee Meeks** Georgia College Early College **BALDWIN COUNTY** Zoya Meghani Lanier Middle School **GWINNETT COUNTY** Mei-Lan Moey Bay Creek Middle School **GWINNETT COUNTY** St. Francis Xavier Catholic School Ariana Morcus **GLYNN COUNTY** Tread Morgan Clinch County Middle School **CLINCH COUNTY** Mckennajames Morris Bonaire Middle School **HOUSTON COUNTY** Addison Mosley Oak Hill Middle School **BALDWIN COUNTY** Kate Murphey Perry Middle School **HOUSTON COUNTY Taylor Murphy** Valor Christian Academy **FULTON COUNTY** Arhaan Musani North Gwinnett Middle School **GWINNETT COUNTY** Meghna Natarai Riverwatch Middle School FORSYTH COUNTY **Bradlee Nelms** Bonaire Middle School **HOUSTON COUNTY** Olivia Newby Wadsworth Magnet School **DEKALB COUNTY** Clarke Middle School **CLARKE COUNTY** Rhys Newcomer Addison Padgett The STEM Academy at Bartlett CHATHAM COUNTY Harris Palmer Thomas County Middle School THOMAS COUNTY Emma Paparo Rising Starr Middle School **FAYETTE COUNTY Taylor Parker HOUSTON COUNTY Huntington Middle School** Aarushi Patel Feagin Mill Middle School **HOUSTON COUNTY** Khuong Phan Bay Creek Middle School **GWINNETT COUNTY** Melody Phan Union Grove Middle School HENRY COUNTY Hasini Reddy Pingali DeSana Middle School FORSYTH COUNTY Marlee Pool The Irish Gifted Academy LAURENS COUNTY Zeniya Powell Crawford Long Middle School FULTON (ATLA REGIONAL)

Clinch County Middle School

Clinch County Middle School

Henderson Middle School

Henderson Middle School

Twin Rivers Middle School

Isaiah Quinn

**Braxton Railey** 

Maya Ramirez

Jaiden Rather

Nethra Ramalingam

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# STATE COMPETITOR, CONT'D

Randall Reams **FULTON (ATLA REGIONAL)** B.E.S.T. Academy Ellis Robertson Thomas County Middle School THOMAS COUNTY Aida Rojas St. Francis Xavier Catholic School **GLYNN COUNTY** Emma Romanelli Chamblee Middle School **DEKALB COUNTY** Eli Ross Georgia College Early College **BALDWIN COUNTY** Kayleigh Rozier **Dublin Middle School** LAURENS COUNTY Maxwell Ruehl Richards Middle School MUSCOGEE COUNTY Clarke Middle School Jack Rumfelt **CLARKE COUNTY** Zoe Saavedra Smitha Middle School **COBB COUNTY** Ari Sanderson Martin Luther King, Jr. Middle School **FULTON (ATLA REGIONAL)** Rebecca Savage Chamblee Middle School **DEKALB COUNTY** William Schmelzer Carrollton Middle School CARROLL COUNTY **Brock Schonberg** Chamblee Middle School **DEKALB COUNTY Brenden Scott** Bonaire Middle School **HOUSTON COUNTY** Colin Senger Tybee Island Maritime Academy CHATHAM COUNTY Addison Sewell Carrollton Middle School **CARROLL COUNTY Andrew Sexton** Rising Starr Middle School **FAYETTE COUNTY** Lexie Simpson Atkinson County Middle School ATKINSON COUNTY Shay Simpson Austin Road Middle School HENRY COUNTY Crisp County Middle School CRISP COUNTY Makayla Skipper MaKenzie Skipper Crisp County Middle School CRISP COUNTY Maya Slover Nahunta Elementary School **BRANTLEY COUNTY** Melanie Souvenir East Columbus Magnet Academy MUSCOGEE COUNTY ATKINSON COUNTY Maxon Spivey Atkinson County Middle School Jackson Steedley Clinch County Middle School **CLINCH COUNTY** Jordyn Stokes Sandtown Middle School **FULTON COUNTY** 

Daniela Tarancon Colmenares Memorial Middle School ROCKDALE COUNTY Maxime Tchamna Monthe **BALDWIN COUNTY** Georgia College Early College Rachel Terry Georgia College Early College **BALDWIN COUNTY** Caleb Thomas Chapel Hill Middle Douglasville **DOUGLAS COUNTY** Luke Thomas Aaron Cohn Middle School MUSCOGEE COUNTY **Read Thomas** Nahunta Elementary School **BRANTLEY COUNTY** Carrollton Middle School Liberty Thomaston **CARROLL COUNTY** 

Oak Hill Middle School

Georgia College Early College

**BALDWIN COUNTY** 

**BALDWIN COUNTY** 

Jackson Sweat

Amelia Tanner

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# STATE COMPETITOR, CONT'D

Daniel Thompson James Threat Steven Tillery Karmyn Timmons Ian Tolbert **Tinsley Tolbert** Elliot Tran Liem Tran Haseeb Ulhaq **Eduards Valeskalns** Solomon Wade Desley Walker **Hunter Walker Kacey Washington Aubrey Watson** Max Weaver Jadyn Wentworth Grayson White Selena White Luke Wilgenbusch Hattie Williams Jayden Williams Tanmayee Yaddala

Thomas County Middle School Waycross Middle School Miller Fine Arts Middle School The Irish Gifted Academy Westside Atlanta Charter School Carrollton Middle School Martin Luther King, Jr. Middle School Twin Rivers Middle School General Ray Davis Middle School The Irish Gifted Academy Bay Creek Middle School The Irish Gifted Academy Warner Robins Middle School Memorial Middle School Thomson Middle School Carrollton Middle School Thomas County Middle School Central Middle School Warner Robins Middle School Mason Creek Middle School St. Francis Xavier Catholic School Georgia College Early College DeSana Middle School

WARE COUNTY **BIBB COUNTY** LAURENS COUNTY **FULTON (ATLA REGIONAL) CARROLL COUNTY FULTON (ATLA REGIONAL) GWINNETT COUNTY** ROCKDALE COUNTY LAURENS COUNTY **GWINNETT COUNTY** LAURENS COUNTY **HOUSTON COUNTY ROCKDALE COUNTY HOUSTON COUNTY CARROLL COUNTY** THOMAS COUNTY CARROLL COUNTY **HOUSTON COUNTY DOUGLAS COUNTY GLYNN COUNTY BALDWIN COUNTY** 

FORSYTH COUNTY

THOMAS COUNTY

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#### **FIRST HONORS**

Anthony Ahn **Dunwoody High School DEKALB COUNTY** Aarushi Ammavajjala FORSYTH COUNTY South Forsyth High School Gwinnett School of Mathematics, Science & Technology Samiel Azmaien **GWINNETT COUNTY** Vikram Bora Johns Creek High School **FULTON COUNTY** Taylor Fegley Mountain View High School **GWINNETT COUNTY** Samanyu Ganesh The Westminster Schools **FULTON (ATLA REGIONAL)** Abhijeet Ghosh Walton High School COBB COUNTY **FULTON (ATLA REGIONAL)** Stephen Griggs Midtown High School Om Guin Fulton Science Academy **FULTON COUNTY** Jenny Ha Gwinnett School of Mathematics, Science & Technology **GWINNETT COUNTY** Landon Hobbs Paulding County High School PAULDING COUNTY **Austin Johnson** Gwinnett School of Mathematics, Science & Technology **GWINNETT COUNTY** Pragathi Kasani-Akula South Forsyth High School FORSYTH COUNTY Uddip Kashyap **FCS** Innovation Academy **FULTON COUNTY** Aarav Kothari Denmark High School FORSYTH COUNTY Pranesh Sathish Kumar FORSYTH COUNTY Alliance Academy for Innovation Eun Jae Lee Peachtree Ridge High School **GWINNETT COUNTY** Dhruv Mehta Gwinnett School of Mathematics, Science & Technology **GWINNETT COUNTY** Caleb Menghisteab Paul Duke STEM High School **GWINNETT COUNTY** Christopher Nguyen **FCS Innovation Academy FULTON COUNTY** Zachary Orwin Seckinger High School **GWINNETT COUNTY** Ayan Patel COBB COUNTY Walton High School Joseph Pittman Paulding County High School PAULDING COUNTY Denmark High School FORSYTH COUNTY Diya Raj Harshitha Rajaprabhu **FULTON COUNTY** Northview High School Arpit Ramani Wheeler High School **COBB COUNTY** Anushka Sable Chamblee High School DEKALB COUNTY Pranav Sambhu **Fulton Science Academy FULTON COUNTY** Nathon Sanft Mountain View High School **GWINNETT COUNTY** Trenton Smith Rockdale Magnet School for Science & Technology **ROCKDALE COUNTY** Dylan Storey Paulding County High School PAULDING COUNTY Aadi Vaidya McIntosh High School **FAYETTE COUNTY** Palak Verma Denmark High School FORSYTH COUNTY Sarah Wang The Westminster Schools **FULTON (ATLA REGIONAL)** Aditya Zaveri **Dunwoody High School DEKALB COUNTY** 

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#### SECOND HONORS

Lilah Anderson Harrison High School COBB COUNTY Aditya Arora Peachtree Ridge High School **GWINNETT COUNTY** Jaelena Arroyo Impact Academy HENRY COUNTY Reva Badkundri Lambert High School FORSYTH COUNTY McKenzie Broughton Rockdale Magnet School for Science & Technology **ROCKDALE COUNTY** Trint Conrod Impact Academy **HENRY COUNTY** Avery Dinh Harrison High School COBB COUNTY Manashyu Gadia **FCS Innovation Academy FULTON COUNTY** Shiv Garq **FCS** Innovation Academy **FULTON COUNTY** Colin Hacker McIntosh High School **FAYETTE COUNTY** Alex Han Peachtree Ridge High School **GWINNETT COUNTY** Aliyah Hayes Whitewater High School **FAYETTE COUNTY** Seonwoo Im Lambert High School FORSYTH COUNTY Abby Lee Johns Creek High School **FULTON COUNTY** Claire Lee Lambert High School FORSYTH COUNTY Jaehyeon (Rachel) Lee Walton High School **COBB COUNTY** Jieya Leng **Brookwood High School GWINNETT COUNTY** Asher Levine McIntosh High School **FAYETTE COUNTY** Pragya Modgil Johns Creek High School **FULTON COUNTY** Rhyland O'Neill **Drew Charter School FULTON (ATLA REGIONAL)** Lara Otico McIntosh High School **FAYETTE COUNTY** Nicole Ouyang Chattahoochee High School **FULTON COUNTY** Malhaar Panse Alliance Academy for Innovation FORSYTH COUNTY Claire Park **FULTON COUNTY** Johns Creek High School Charvi Patel Gwinnett School of Mathematics, Science & Technology **GWINNETT COUNTY** Hiya Patel Chattahoochee High School **FULTON COUNTY** Gwinnett School of Mathematics, Science & Technology Anika Pathak **GWINNETT COUNTY** Mehek Saha Gwinnett School of Mathematics, Science & Technology **GWINNETT COUNTY** Eric Shu Peachtree Ridge High School **GWINNETT COUNTY** FORSYTH COUNTY Aditya Singh Alliance Academy for Innovation Riley Sipe North Atlanta High School **FULTON (ATLA REGIONAL)** Ishanth Talanki FORSYTH COUNTY Alliance Academy for Innovation Oluwatimileyin Thomas McIntosh High School **FAYETTE COUNTY** 

**FULTON COUNTY** 

Fulton Science Academy

Nina Zhang

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#### THIRD HONORS

Moatapari Agbere Chattahoochee County High School CHATTAHOOCHEE COUNTY Bhavya Alapati **FCS Innovation Academy FULTON COUNTY** Alexandra Bowe Starr's Mill High School **FAYETTE COUNTY** Kristen Bright Gwinnett School of Mathematics, Science & Technology **GWINNETT COUNTY** Brennan Coiro McIntosh High School **FAYETTE COUNTY** Samantha Dalby Woodland High School Stockbridge **HENRY COUNTY** Nathaniel Ehret Newton College & Career Academy **NEWTON COUNTY Brookes Grimwood Moss** Impact Academy HENRY COUNTY Andrew Guo Gwinnett School of Mathematics, Science & Technology **GWINNETT COUNTY** Statesboro High School Phoebe Hansen **BULLOCH COUNTY** Alethea He North Oconee High School OCONEE COUNTY Adarsh Hemrajani Chattahoochee High School **FULTON COUNTY** Gabrielle Huggins Starr's Mill High School **FAYETTE COUNTY** Andrew Hutchison Davidson Fine Arts Magnet School RICHMOND COUNTY Aakash Joshi Chattahoochee High School **FULTON COUNTY** Yerri Kang North Oconee High School OCONEE COUNTY Avani Karthik Lambert High School **FORSYTH COUNTY** Kristen Lee Chattahoochee High School **FULTON COUNTY** Jun Hao Lin Jenkins High School **CHATHAM COUNTY** Keefer Lin Chattahoochee High School **FULTON COUNTY FULTON COUNTY** Sophie Lin Chattahoochee High School Anagha Macheri North Oconee High School OCONEE COUNTY Fanta Maiga Gwinnett School of Mathematics, Science & Technology **GWINNETT COUNTY** Deeya Mepani North Oconee High School OCONEE COUNTY Yesha Mistry Rutland High School **BIBB COUNTY** Elliot Oh McIntosh High School **FAYETTE COUNTY** Seowon (Steven) Park Johns Creek High School **FULTON COUNTY** Bochen Shen North Oconee High School OCONEE COUNTY Shivali Singh Gwinnett School of Mathematics, Science & Technology **GWINNETT COUNTY** Remiya Stephens Rutland High School **BIBB COUNTY** Daniel Ta Peachtree Ridge High School **GWINNETT COUNTY** Dennis Ta Peachtree Ridge High School **GWINNETT COUNTY** Sahasra Tatavarti Lambert High School FORSYTH COUNTY Lambert High School Sarah Verma FORSYTH COUNTY Vishal Vijay Peachtree Ridge High School **GWINNETT COUNTY** Gavin Weida McIntosh High School **FAYETTE COUNTY** 

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#### **FOURTH HONORS**

Akosua Baah **Tucker High School DEKALB COUNTY** Anabella Bluhm Oconee County High School OCONEE COUNTY Payton Bush Westover High School DOUGHERTY COUNTY Gwinnett School of Mathematics, Science & Technology Samantha Caswell **GWINNETT COUNTY** Aditya Dutta Northview High School **FULTON COUNTY** Samarth Gautam Northview High School **FULTON COUNTY** Sampann Gautam Northview High School **FULTON COUNTY** Sydney Hammett Rockdale Magnet School for Science & Technology ROCKDALE COUNTY Ethan Hoellrich Whitewater High School **FAYETTE COUNTY** Corina Huang Statesboro High School **BULLOCH COUNTY** Eugene Kang Harrison High School **COBB COUNTY** Mrinal Kulkarni FORSYTH COUNTY West Forsyth High School Aiden Lee Savannah Arts Academy CHATHAM COUNTY Sean Lee Lambert High School FORSYTH COUNTY Hannah Liles **BIBB COUNTY** Rutland High School Miles McNeese Atlanta Classical Academy **FULTON (ATLA REGIONAL)** Iman Merchant The Westminster Schools FULTON (ATLA REGIONAL)

OCONEE COUNTY

**FAYETTE COUNTY** 

HOUSTON COUNTY

**FAYETTE COUNTY** 

**DOUGLAS COUNTY** 

**DOUGLAS COUNTY** 

COBB COUNTY

ROCKDALE COUNTY

FULTON (ATLA REGIONAL)

FULTON (ATLA REGIONAL)

**FULTON (ATLA REGIONAL)** 

Iman Merchant The Westminster Schools

Neal Mishra North Oconee High School

Palent Marrat Calcal for Science 6

Dalena Nguyen Rockdale Magnet School for Science & Technology

Axum Nickerson Drew Charter School
Carpenter Ray Whitewater High School
Joy Sanders Warner Robins High School
Corin Staples McIntosh High School

Veeral Thokchom Kennesaw Mountain High School

Nash Vogeltanz

William Wickstrum

Kaylin Wu

Sophia Yang

Atlanta Classical Academy

Atlanta Classical Academy

Douglas County High School

Douglas County High School

Hansika Yerramsetti The Westminster Schools FULTON (ATLA REGIONAL)

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#### **STATE COMPETITOR**

Caitlin Alexander	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Sri Sai Ashritha Aluru	Dunwoody High School	DEKALB COUNTY
Amaya Anand	Dutchtown High School	HENRY COUNTY
Evan Angeles	Newton College & Career Academy	NEWTON COUNTY
Clarissa Asare-Bediako	Douglas County High School	DOUGLAS COUNTY
Kwaku Asiedu	Elite Scholars Academy Jonesboro	CLAYTON COUNTY
Chloe Au	Paul Duke STEM High School	GWINNETT COUNTY
Darion Ayoola	Elite Scholars Academy Jonesboro	CLAYTON COUNTY
Brody Baker	Seckinger High School	GWINNETT COUNTY
Oluwafemi Balogun	Lithia Springs High School	DOUGLAS COUNTY
Dwij Bapat	Wheeler High School	COBB COUNTY
Hannah Beharry	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Allison Benton	Woodland High School Stockbridge	HENRY COUNTY
Tanvi Bhandurge	Walton High School	COBB COUNTY
Rahina Biyogmam	Georgia College Early College	BALDWIN COUNTY
Hailey Blackmon	THRIVE Christian Academy	GWINNETT COUNTY
Airiyohna Bolton	Baldwin High School	BALDWIN COUNTY
Maya Botelho	Paul Duke STEM High School	GWINNETT COUNTY
Magic Boyd	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Christopher Broaddus Jr.	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Savannah Brooks	Lithia Springs High School	DOUGLAS COUNTY
Chloe Brown	Woodland High School Stockbridge	HENRY COUNTY
David Buchanan	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Alexander Burgin	Columbus High School	MUSCOGEE COUNTY
Hailee Burnette	Effingham College & Career Academy	EFFINGHAM COUNTY
Julie Cardenas	Lithia Springs High School	DOUGLAS COUNTY
Karson Carter	Union Grove High School	HENRY COUNTY
Saige Chandler	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Yahminisakti Chandrasekaran	Alexander High School	DOUGLAS COUNTY
Brielle Childs	A. R. Johnson Health Science & Engineering Magnet School	RICHMOND COUNTY
Kaitlin Coakley	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Hannah Coley	Rockdale Magnet School for Science & Technology	ROCKDALE COUNTY
Kaleb Colon	Thomas County Central High School	THOMAS COUNTY
Kyleigh Conley	Elite Scholars Academy Jonesboro	CLAYTON COUNTY
Eli Connell	Thomas County Central High School	THOMAS COUNTY

Paulding County High School

Kira Culp

PAULDING COUNTY

Isaiah Igwilo

Isabelle Jean-louis

Ely Isidoro

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# STATE COMPETITOR, CONT'D

Aarav Dave Lowndes High School LOWNDES COUNTY Rowan Davidson Statesboro High School **BULLOCH COUNTY** Michael Davis Rockdale Magnet School for Science & Technology **ROCKDALE COUNTY Taylor Davis** Thomas County Central High School THOMAS COUNTY Jasmine Delgado Paul Duke STEM High School **GWINNETT COUNTY** Aissata Diallo **Dublin High School** LAURENS COUNTY Charlotte Dickerson Davidson Fine Arts Magnet School RICHMOND COUNTY Michelle Diep Gwinnett School of Mathematics, Science & Technology **GWINNETT COUNTY** Toan Do Rockdale Magnet School for Science & Technology **ROCKDALE COUNTY** BanAnh Doan Gwinnett School of Mathematics, Science & Technology **GWINNETT COUNTY** Dani Donald Rockdale Magnet School for Science & Technology **ROCKDALE COUNTY** Sola Fide Home School Jonathan Dorminy HENRY COUNTY **Nathaniel Driver** Paulding County High School PAULDING COUNTY Paul Duval Eagle's Landing Christian Academy **HENRY COUNTY** Adeleine Ebert Paul Duke STEM High School **GWINNETT COUNTY** Douglas County High School **Anointed Enahoro** DOUGLAS COUNTY Jaylen Fannin Newton College & Career Academy **NEWTON COUNTY** Woodland High School Stockbridge Elise Ferguson HENRY COUNTY Charlie Fifield Union Grove High School HENRY COUNTY Mitchell Flater Rockdale Magnet School for Science & Technology **ROCKDALE COUNTY** Ari Foster Rockdale Magnet School for Science & Technology ROCKDALE COUNTY Marshall Frost Davidson Fine Arts Magnet School RICHMOND COUNTY Karsyn Gilbreath Woodstock High School CHEROKEE COUNTY Rowan Gillian The Westminster Schools FULTON (ATLA REGIONAL) Rahul Gokhale Milton High School **FULTON COUNTY** Deverell Goldson Woodville-Tompkins High School CHATHAM COUNTY Aarya Gupta Alpharetta High School **FULTON COUNTY** Braylee Hall Thomas County Central High School THOMAS COUNTY Abigail Henderson Jonesboro High School CLAYTON COUNTY Andrea Hoang **Dunwoody High School DEKALB COUNTY** Yayra Hodasi Woodstock High School CHEROKEE COUNTY Nina Howard Wheeler High School COBB COUNTY Bryson Huynh Union Grove High School HENRY COUNTY

Newton College & Career Academy

Rockdale Magnet School for Science & Technology

Statesboro High School

**NEWTON COUNTY** 

BULLOCH COUNTY ROCKDALE COUNTY

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# STATE COMPETITOR, CONT'D

Catherine Ji Northview High School **FULTON COUNTY** Mava Johnson Georgia College Early College **BALDWIN COUNTY** Habiba Kabir Chamblee High School **DEKALB COUNTY** Sricha Kamal Paul Duke STEM High School **GWINNETT COUNTY** Shelby Kendrick Paulding County High School PAULDING COUNTY Rishita Kunam Denmark High School FORSYTH COUNTY Shriya Kunam Denmark High School FORSYTH COUNTY Natalia Kurz Gwinnett School of Mathematics, Science & Technology **GWINNETT COUNTY** Olivia Land Rockdale Magnet School for Science & Technology **ROCKDALE COUNTY** Rebecca Larkin **Tucker High School DEKALB COUNTY** Kelis Lawrence **Dublin High School** LAURENS COUNTY Vy Le Morrow High School CLAYTON COUNTY Davidson Fine Arts Magnet School RICHMOND COUNTY Ariel Lee Joyce Lee Peachtree Ridge High School **GWINNETT COUNTY GWINNETT COUNTY** Zoe Lee Gwinnett School of Mathematics, Science & Technology Judy Li Westover High School DOUGHERTY COUNTY Jeffrey Lim Lakeside High School DeKalb **DEKALB COUNTY** Allen Liu Northview High School **FULTON COUNTY** Gwinnett School of Mathematics, Science & Technology Ivy Liu **GWINNETT COUNTY** Nani London Tucker High School **DEKALB COUNTY** 

Ralph Long IV Benjamin E. Mays High School FULTON (ATLA REGIONAL)
Luke Loudon Dunwoody High School DEKALB COUNTY

Adriana Lowery Woodland High School Stockbridge HENRY COUNTY
Ludovic Lythgoe Whitewater High School FAYETTE COUNTY
David Martin Whitewater High School FAYETTE COUNTY
Saniya Martin Arabia Mountain High School DEKALB COUNTY
James Mays Stilwell School of the Arts CLAYTON COUNTY

Raymond McKrow Locust Grove High School HENRY COUNTY

Vedant Mehta Lambert High School FORSYTH COUNTY

Niya Middlebrooks Arabia Mountain High School DEKALB COUNTY

Mihaat Mohammed Dutchtown High School HENRY COUNTY

Caroline Moon Davidson Fine Arts Magnet School RICHMOND COUNTY

Mariah MoranRedan High SchoolDEKALB COUNTYMatthew MuiWheeler High SchoolCOBB COUNTYKinsey MundieBaldwin High SchoolBALDWIN COUNTYKaitlyn NelsonBaldwin High SchoolBALDWIN COUNTY

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# STATE COMPETITOR, CONT'D

Monica Ngo Woodland High School Stockbridge HENRY COUNTY MUSCOGEE COUNTY Andrew Nguyen Rainey McCullers School of the Arts Bryan Nguyen Union Grove High School HENRY COUNTY Jacob Nguyen Brookwood High School **GWINNETT COUNTY** Siri Oduaran Spalding High School SPALDING COUNTY Otito Okafor South Gwinnett High School **GWINNETT COUNTY** Oreoluwa Owoyemi South Gwinnett High School **GWINNETT COUNTY** Union Grove High School Adrian Panaro HENRY COUNTY Brianna Paredes **GWINNETT COUNTY** Paul Duke STEM High School Rockdale Magnet School for Science & Technology Kendall Parker ROCKDALE COUNTY Hana Pasco Jonesboro High School **CLAYTON COUNTY** Celia Perry THOMAS COUNTY Thomas County Central High School Abigail Pitchford Newton College & Career Academy **NEWTON COUNTY** Rockdale Magnet School for Science & Technology Kaavya Prabhakar ROCKDALE COUNTY Alexia Pruiett Richmond County Technical Career Magnet School RICHMOND COUNTY Lisie Pulido Harrison High School COBB COUNTY Maya Puri Baldwin High School **BALDWIN COUNTY** Mackenzie Putnam Rainey McCullers School of the Arts MUSCOGEE COUNTY Arya Radhakrishnan Milton High School **FULTON COUNTY Damaris Ramos** Rockdale Magnet School for Science & Technology **ROCKDALE COUNTY Tiffany Ramos** Elite Scholars Academy Jonesboro CLAYTON COUNTY Victor Rath-Say Statesboro High School **BULLOCH COUNTY** Gavin Reece Rockdale Magnet School for Science & Technology **ROCKDALE COUNTY** Ka'Lil Remer Stilwell School of the Arts CLAYTON COUNTY Caitlyn Rivera Rockdale Magnet School for Science & Technology **ROCKDALE COUNTY** Alex Rojas Rockdale Magnet School for Science & Technology ROCKDALE COUNTY Husna Roshan **Dunwoody High School DEKALB COUNTY Taylor Ross** Georgia College Early College **BALDWIN COUNTY** Rockdale Magnet School for Science & Technology Kenadi Sales ROCKDALE COUNTY Marcus Salom-Maceira Rockdale Magnet School for Science & Technology ROCKDALE COUNTY Leonardo Santorelli **Dunwoody High School DEKALB COUNTY** Siddartha Sarakadam Jenkins High School CHATHAM COUNTY Ramin Sarkar Gwinnett School of Mathematics, Science & Technology **GWINNETT COUNTY** Candon Scott Johnson County High School JOHNSON COUNTY JOHNSON COUNTY Colton Scott Johnson County High School

North Oconee High School

Roshan Selvaraj

OCONEE COUNTY

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# STATE COMPETITOR, CONT'D

Tashfeen Shafi Rockdale Magnet School for Science & Technology **ROCKDALE COUNTY** Samira Shanks Arabia Mountain High School **DEKALB COUNTY** Sofiia Shvets Union Grove High School **HENRY COUNTY** Rehan Simpson Atlanta International School **FULTON COUNTY** Ella Sipe North Atlanta High School **FULTON (ATLA REGIONAL)** Amy Smith Johnson County High School JOHNSON COUNTY Rockdale Magnet School for Science & Technology Kayla Smith ROCKDALE COUNTY Ethan Son Gwinnett School of Mathematics, Science & Technology **GWINNETT COUNTY** Sirish Subash Gwinnett School of Mathematics, Science & Technology **GWINNETT COUNTY** Raaga Sundar McIntosh High School **FAYETTE COUNTY** Jehosheba Sylvestre Rockdale Magnet School for Science & Technology **ROCKDALE COUNTY** Vedha Tamilinian Northview High School **FULTON COUNTY Emma Tillery** Central High School Macon **BIBB COUNTY** Hannah Tran Woodland High School Stockbridge **HENRY COUNTY** Dayveyshee Trivedi Gwinnett School of Mathematics, Science & Technology **GWINNETT COUNTY Emanuel Varian** Union Grove High School HENRY COUNTY Harmoni Walker **Dublin High School** LAURENS COUNTY **Easton Watts** Impact Academy HENRY COUNTY Carter Weiss Thomas County Central High School THOMAS COUNTY Kaylyn Wigington Locust Grove High School HENRY COUNTY Jonah Willard **Dunwoody High School DEKALB COUNTY** Cordarius Williams **Drew Charter School FULTON (ATLA REGIONAL)** Machaiya Wilson Rockdale Magnet School for Science & Technology **ROCKDALE COUNTY** Naomi Wood Lithia Springs High School **DOUGLAS COUNTY** Alicia Wright Rockdale Magnet School for Science & Technology **ROCKDALE COUNTY** Anant Yoganathan **Tucker High School DEKALB COUNTY** Rockdale Magnet School for Science & Technology Nelaya Young **ROCKDALE COUNTY** Sophia Zakirova Rockdale Magnet School for Science & Technology **ROCKDALE COUNTY** Karishma Zechariah Davidson Fine Arts Magnet School RICHMOND COUNTY Shelby Zeigler Effingham College & Career Academy **EFFINGHAM COUNTY** Annie Zhang Davidson Fine Arts Magnet School RICHMOND COUNTY Christina Zheng Statesboro High School **BULLOCH COUNTY**