

Junior Division (grades 6-8)

2026 ASEF Junior Division Special Award Winners

Student Choice- Grossest Project

Special Award Description: Science isn't always neat and clean—sometimes science can be “gross” and messy, which is part of the fun! This award celebrates the project that either had the “grossest” research process or results. The project you pick should be one that leaves you impressed but also makes you think “Ew!”

Award Name: Grossest Project

Student Name: Evelyn Atkins

Award Prize: Certificate

Project Number: JR-800-0205

Project Name: Will It Mold?

Award Name: Grossest Project

Student Name: Lilian Hurley, Anne Mustin

Award Prize: Certificate

Project Number: JR-400-0148-T

Project Name: Save Our Strawberries

Award Name: Grossest Project

Student Name: Karthik Panchavati

Award Prize: Certificate

Project Number: JR-900-0110

Project Name: Seeing the Unseen : Detection of microplastics in everyday beverages

Award Name: Grossest Project

Student Name: Natalie Protz

Award Prize: Certificate

Project Number: JR-400-0097

Project Name: Banana Bathing

Award Name: Grossest Project

Student Name: Ella Hobbs, Donald Kosak

Award Prize: Certificate

Project Number: JR-100-0084-T

Project Name: Pollution's Solution: Wax Worms

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Award Name: Grossest Project

Student Name: Justus Minnon

Award Prize: Certificate

Project Number: JR-100-0082

Project Name: Plaque Attack: Comparative Effectiveness of Non-Brushing Dental Care Products on Simulated Canine Plaque

Student Choice- Most Practical Project

Special Award Description: This award goes to the project that may not be building a rocket or curing a disease—the project you select for this award should be the one that has the most practical, everyday application. Sometimes, the most practical projects can have the biggest impacts!

Award Name: Most Practical Project

Student Name: Keerthana Panchavati

Award Prize: Certificate

Project Number: JR-300-0091

Project Name: Nature's Pharmacy: Evaluating Common Household foods as "Natural Antibiotics"

Award Name: Most Practical Project

Student Name: Noah Freeman, Webster Griggs

Award Prize: Certificate

Project Number: JR-1100-0164-T

Project Name: The Baseboard Roomba

Award Name: Most Practical Project

Student Name: Adyson Green, Addison Harden

Award Prize: Certificate

Project Number: JR-800-0159-T

Project Name: Cautious Of Caffeine

Award Name: Most Practical Project

Student Name: Luke Buse

Award Prize: Certificate

Project Number: JR-900-0107

Project Name: Which Bulb Has the Best Light?

Award Name: Most Practical Project

Student Name: Devansh Goyal

Award Prize: Certificate

Project Number: JR-500-0103

Project Name: Project WindDrive

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The Lemelson Foundation- Lemelson Early Inventor Prize

Special Award Description: This award will recognize a young inventor creating a promising solution to real-world problems. The winner will receive a certificate and an award verification letter redeemable for a \$100 cash award.

Award Name: Lemelson Early Inventor Prize

Award Sponsor: The Lemelson Foundation

Student Name: Adam Dabbous

Award Prize: \$100 from Society for Science

Project Number: JR-500-0038

Project Name: Hang In There

Broadcom Foundation- Broadcom Coding with Commitment Award

Special Award Description: This award will go to a student whose project emphasizes how STEM knowledge and technology come together to create solutions that protect, preserve, save, improve, or promote quality of life or nature. Awardee will receive a \$250 gift certificate to the PiShop and a Raspberry Pi Pico Kit.

Award Name: Broadcom Coding with Commitment Award

Award Sponsor: Broadcom Foundation

Student Name: Sughan Manoharan

Award Prize: Pico Kit + a \$250 gift certificate to the PiShop

Project Number: JR-1100-0113

Project Name: NeuroVoice AI

QuantHub - QuantHub Distinguished Data Scholar Award

Special Award Description: This award recognizes a student who has shown exceptional proficiency and creativity in data science. The awardee will receive a certificate and a \$100 cash award.

Award Name: QuantHub Distinguished Data Scholar Award

Award Sponsor: QuantHub

Student Name: Lily Miksis, Emily Snodsmith, Kaylee Swanquist

Award Prize: \$100

Project Number: JR-1200-0053-T

Project Name: Middle School Vs. AI

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United States Air Force- Air Force Award

Special Award Description: This certificate and special packet will be given to a student who shows excellence in science or engineering.

Award Name: Air Force Award

Award Sponsor: United States Air Force

Student Name: Zayan Ashraf, Mohamed Nasher

Award Prize: Prize Packet

Project Number: JR-500-0040-T

Project Name: diy drone project

Award Name: Air Force Award

Award Sponsor: United States Air Force

Student Name: Hazel Webber

Award Prize: Prize Packet

Project Number: JR-500-0100

Project Name: From fabric to finish line: an experiment on swimsuit drag.

Award Name: Air Force Award

Award Sponsor: United States Air Force

Student Name: Aaisha Humaira, Rykard Lindeman

Award Prize: Prize Packet

Project Number: JR-200-0074-T

Project Name: The Impact of Perceived Parachute Effectiveness On Fear When Skydiving

STEM to Startup Award- STEM to Startup Award

Special Award Description: The STEM to Startup Award recognizes a middle school student whose science or engineering project demonstrates strong potential to be developed into a scalable product, service, or solution. The awardee will receive a certificate and a \$100 cash award.

Award Name: STEM to Startup Award

Award Sponsor: STEM to Startup Award

Student Name: Ana Singh

Award Prize: \$100 gift card

Project Number: JR-200-0075

Project Name: The Potential for a Productivity App to Aid Students in Overcoming Procrastination

East Alabama and West Georgia local section of the American Chemical Society- East Alabama and West Georgia ACS Award

Special Award Description: This award is sponsored by the East Alabama / West Georgia local section of the American Chemical Society and celebrates creativity and understanding within chemical science. The awardee will receive a certificate and \$100 cash award.

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Award Name: East Alabama and West Georgia ACS Award

Award Sponsor: East Alabama and West Georgia local section of the American Chemical Society

Student Name: Ingrid Rudolphi

Award Prize: \$100

Project Number: JR-400-0146

Project Name: Rust Solutions

100 Women Strong at Auburn University- 100 Women Strong Achievement Award

Special Award Description: This achievement award recognizes a student that exemplifies excellence through research in any category. The awardee will receive \$100 cash award and a certificate.

Award Name: 100 Women Strong Achievement Award

Award Sponsor: 100 Women Strong at Auburn University

Student Name: Abigail McGriff

Award Prize: \$100

Project Number: JR-600-0019

Project Name: Fueling the Future!

Award Name: 100 Women Strong Achievement Award

Award Sponsor: 100 Women Strong at Auburn University

Student Name: Hazel Webber

Award Prize: \$100

Project Number: JR-500-0100

Project Name: From fabric to finish line: an experiment on swimsuit drag.

Department of Biological Sciences at Auburn University- Biological Sciences Award in Cell, Molecular, Microbiology and Biochemistry

Special Award Description: This award recognizes an outstanding poster in the Cell, Molecular, Microbiology & Biochemistry category by a middle school student. The awardee will receive a certificate and a \$100 cash award.

Award Name: Biological Sciences Award in Cell, Molecular, Microbiology and Biochemistry

Award Sponsor: Department of Biological Sciences at Auburn University

Student Name: Aaron Shoemaker

Award Prize: \$100

Project Number: JR-300-0094

Project Name: Which Cleaning Products Work the Best? And Which Ones Last the Longest Over 24 Hours?

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Department of Biological Sciences at Auburn University- Biological Sciences Award in Animal and Plant Sciences

Special Award Description: This award recognizes an outstanding poster in the Animal and Plant Sciences category by a middle school student. The awardee will receive a certificate and a \$100 cash award.

Award Name: Biological Sciences Award in Animal and Plant Sciences
Award Sponsor: Department of Biological Sciences at Auburn University
Student Name: Peyton Moody
Award Prize: \$100
Project Number: JR-100-0077
Project Name: Motherhood in Question: Testing Hen Responses to Foster Chicks

Department of Chemistry and Biochemistry at Auburn University- Chemistry and Biochemistry Award

Special Award Description: This award is designed to recognize the top chemistry or biochemistry project. The awardee will receive a certificate and \$100 cash award.

Award Name: Chemistry and Biochemistry Award
Award Sponsor: Department of Chemistry and Biochemistry at Auburn University
Student Name: Skylar Smith
Award Prize: \$100
Project Number: JR-400-0147
Project Name: Too Hot to Handle: Do Spicy Chips Break Down The Stomach's Defense

Department of Geosciences at Auburn University- Geosciences Award

Special Award Description: This award recognizes high achievement in the area of geoscience, geology, geography, and environmental studies. The winners will be presented with a certificate and \$100 cash award.

Award Name: Geosciences Award
Award Sponsor: Department of Geosciences at Auburn University
Student Name: Darshith Paturi
Award Prize: \$100
Project Number: JR-700-0061
Project Name: Investigation of the impact of Air and Water quality from house pollutants

Department of Geosciences at Auburn University- GeoExplorer Award

Special Award Description: This award recognizes high achievement in the area of geoscience, geology, geography, and environmental studies. The winners will be presented with a certificate and \$100 cash award.

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Award Name: GeoExplorer Award

Award Sponsor: Department of Geosciences at Auburn University

Student Name: Corbin Perry

Award Prize: \$100

Project Number: JR-700-0016

Project Name: Breakwater Battlefront

Southeastern Center of Robotics Education (SCORE) at Auburn University- Innovation of Robotic Systems

Special Award Description: This award recognizes a project that shows great promise in the use of robotic systems. The winner will receive a certificate and a \$100 cash award.

Award Name: Innovation of Robotic Systems

Award Sponsor: Southeastern Center of Robotics Education (SCORE) at Auburn University

Student Name: Kinsley Spencer

Award Prize: \$100

Project Number: JR-1100-0114

Project Name: Comparing Drone Claw Designs for Accurate PFD Delivery

Department of Physics at Auburn University- Physics Award for Ingenuity and Inventiveness

Special Award Description: This award recognizes a student who demonstrates an understanding of the laws of physics and how to use them to interpret and understand the world around us. The winner will receive a certificate and a \$100 cash award.

Award Name: Physics Award for Ingenuity and Inventiveness

Award Sponsor: Department of Physics at Auburn University

Student Name: Luke Buse

Award Prize: \$100

Project Number: JR-900-0107

Project Name: Which Bulb Has the Best Light?

Associate Dean for Research, College of Sciences and Mathematics- Innovation in Science Research Award

Special Award Description: This award recognizes an innovative topic or innovative approaches in research methodologies for a science project. The winner will receive a certificate and \$100 cash award.

Award Name: Innovation in Science Research Award

Award Sponsor: Associate Dean for Research, College of Sciences and Mathematics

Student Name: Avery Petrie

Award Prize: \$100

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Project Number: JR-300-0093

Project Name: Filtrated Sewers = Clean Environment

School of Aviation at Auburn University- Excellence in Research or Engineering in Aviation and Aerospace Science

Special Award Description: This award honors an individual who has demonstrated exceptional accomplishment in aviation or aerospace research, or in the design, development, or engineering of an aviation or aerospace project. The recipient will be recognized for their scholarly merit, innovation, and contribution to advancing the field. The award includes a formal certificate of achievement and a \$100 cash honorarium.

Award Name: Excellence in Research or Engineering in Aviation and Aerospace Science

Award Sponsor: School of Aviation at Auburn University

Student Name: Tarek Alsabahi

Award Prize: \$100

Project Number: JR-900-0046

Project Name: 3D PATTERN

I-STEM Connector at Auburn University- Garage Science Award

Special Award Description: Many scientific discoveries or engineering marvels have happened outside of a laboratory. This award celebrates a student who created an outstanding project within their home or garage. The winner will receive a certificate and \$100 cash award.

Award Name: Garage Science Award

Award Sponsor: I-STEM Connector at Auburn University

Student Name: Corbin Perry

Award Prize: \$100

Project Number: JR-700-0016

Project Name: Breakwater Battlefield

Office of Academic Engagement, Innovation and Opportunity, College of Sciences and Mathematics- Spirit of Excellence Award

Special Award Description: This award recognizes excellence in science research by a student. The winner will receive a certificate and \$100 cash award.

Award Name: Spirit of Excellence Award

Award Sponsor: Office of Academic Engagement, Innovation and Opportunity, College of Sciences and Mathematics

Student Name: Meryem Zengul

Award Prize: \$100

Project Number: JR-1200-0054

Project Name: Is AI gender and racially biased?

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Department of Mathematics and Statistics at Auburn University- Talent in Mathematics and Statistics Award

Special Award Description: This award recognizes a project, from any category, that demonstrates a strong mathematical and statistical analysis. The winner will receive a certificate and a \$100 cash award.

Award Name: Talent in Mathematics and Statistics Award
Award Sponsor: Department of Mathematics and Statistics at Auburn University
Student Name: Peter Diaz
Award Prize: \$100
Project Number: JR-900-0108
Project Name: Give it a Whirl

Department of Aerospace Engineering at Auburn University- Future Rocket Scientist Award

Special Award Description: This award recognizes high achievement in research related to Aerospace Engineering. The winner will receive a certificate and a \$100 cash award.

Award Name: Future Rocket Scientist Award
Award Sponsor: Department of Aerospace Engineering at Auburn University
Student Name: Andrew Sneed
Award Prize: \$100
Project Number: JR-900-0109
Project Name: Flying Fins

Department of Biosystems Engineering at Auburn University- Biosystems Engineering Award

Special Award Description: This achievement award recognizes an individual that demonstrates an innovative approach to application of math and/or engineering to biological systems. The winner will receive a certificate and a \$100 cash award.

Award Name: Biosystems Engineering Award
Award Sponsor: Department of Biosystems Engineering at Auburn University
Student Name: Logan Rogers
Award Prize: \$100
Project Number: JR-600-0152
Project Name: Feathered Fuel

Department of Chemical Engineering at Auburn University- Chemical Engineering Award

Special Award Description: This award recognizes high achievement in scientific research in fields related to Chemical Engineering or Applied Chemistry. The winner will receive a certificate and a \$100 cash award.

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Award Name: Chemical Engineering Award

Award Sponsor: Department of Chemical Engineering at Auburn University

Student Name: Logan Rogers

Award Prize: \$100

Project Number: JR-600-0152

Project Name: Feathered Fuel

Department of Electrical and Computer Engineering at Auburn University- Electrical and Computer Engineering Award

Special Award Description: This award is presented to an outstanding project in the Robotic Systems and Communication Technology category. The winner will receive a certificate and \$100 cash award.

Award Name: Electrical and Computer Engineering Award

Award Sponsor: Department of Electrical and Computer Engineering at Auburn University

Student Name: Noah Freeman, Webster Griggs

Award Prize: \$100

Project Number: JR-1100-0164-T

Project Name: The Baseboard Roomba

Auburn University Bee Center- Auburn University Bee Center Pollinator Stewardship Award

Special Award Description: This award recognizes projects that align with the AU-Bees mission of promoting honey bee, native bee, and other native pollinator communities. The winner will receive a certificate and \$100 cash award.

Award Name: Auburn University Bee Center Pollinator Stewardship Award

Award Sponsor: Auburn University Bee Center

Student Name: Anwar Aldhbyani, Entesar Almansoob, Rneem Maflahi

Award Prize: \$100

Project Number: JR-100-0080-T

Project Name: painted Lady

Edward Via College of Osteopathic Medicine (VCOM-Auburn)- Excellence in Medical Science Award

Special Award Description: This award recognizes a project that shows great promise in the fields of Medicine, Health, and Translational Medical Science. The winner will receive a certificate and \$100 cash award.

Award Name: Excellence in Medical Science Award

Award Sponsor: Edward Via College of Osteopathic Medicine (VCOM-Auburn)

Student Name: Khidr Kishan Budhwani, Brahma Mubarak Budhwani

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Award Prize: \$100

Project Number: JR-800-0067-T

Project Name: Characterizing Tumor Microenvironment Barriers Using Dual-Stain Histology

Dean of the College of Sciences and Mathematics at Auburn University- Future Scientist or Mathematician Award

Special Award Description: This award will be given to a student, in any category, who demonstrates a complete, thorough and current understanding of a scientific topic during their interview. As such, this student shows great promise as a future scientific researcher. The award winner will receive a certificate and a \$100 cash award.

Award Name: Future Scientist or Mathematician Award

Award Sponsor: Dean of the College of Sciences and Mathematics at Auburn University

Student Name: Rory Weatherford

Award Prize: \$100

Project Number: JR-400-0013

Project Name: Burning Calories

Dean of the Samuel Ginn College of Engineering at Auburn University- Outstanding Engineering Award

Special Award Description: This award recognizes a project, in any category, that demonstrates an innovative application of math or science to a societal challenge. The award winner will receive a certificate for their efforts and a \$100 cash award.

Award Name: Outstanding Engineering Award

Award Sponsor: Dean of the Samuel Ginn College of Engineering at Auburn University

Student Name: Levi Lambert

Award Prize: \$100

Project Number: JR-500-0098

Project Name: Print, Pull, Snap! Discovering the Strength of 3-D Prints

Dean of the College of Agriculture at Auburn University- Innovative Practices in Agriculture Award

Special Award Description: This cash prize of \$100 recognizes innovative research related to soil management, crop production, or water resources.

Award Name: Innovative Practices in Agriculture Award

Award Sponsor: Dean of the College of Agriculture at Auburn University

Student Name: Avanita Deepak

Award Prize: \$100

Project Number: JR-100-0140

Project Name: Do Big Changes in Temperature Affect Plant Growth and Nitrogen Fixation Ability in Legumes?

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Dean of the College of Forestry, Wildlife and Environment at Auburn University- Excellence in Environmental Stewardship Award

Special Award Description: This award is presented to a student who has demonstrated outstanding commitment and innovative approaches to the conservation and management of natural resources, wildlife, or the environment. The winner will receive a certificate and \$100 cash award. The awardee will also receive the Ricoh Sustainable Development Award and trees planted on their behalf by One Tree Planted.

Award Name: Excellence in Environmental Stewardship Award

Award Sponsor: Dean of the College of Forestry, Wildlife and Environment at Auburn University

Student Name: Omar Aldabbas

Award Prize: \$100

Project Number: JR-700-0066

Project Name: Alage-based Ammonia removal

Dean of the Harrison College of Pharmacy at Auburn University- Medical Interventions Award

Special Award Description: The Auburn University Harrison College of Pharmacy is providing a \$100 cash prize for a student whose project aims to improve human health and longevity by translating novel discoveries in the biomedical sciences into effective activities and tools for clinical and public health use.

Award Name: Medical Interventions Award

Award Sponsor: Dean of the Harrison College of Pharmacy at Auburn University

Student Name: Roxson Odom

Award Prize: \$100

Project Number: JR-800-0007

Project Name: Allergen Injection: War of the Woven Fabrics

Dean of the College of Veterinary Medicine at Auburn University- Health and Wellness of Animals Award

Special Award Description: The Auburn University College of Veterinary Medicine is providing a \$100 cash prize in recognition of one research project that shows the most promise for improving the health and well-being of agricultural or human companion animals.

Award Name: Health and Wellness of Animals Award

Award Sponsor: Dean of the College of Veterinary Medicine at Auburn University

Student Name: Justus Minnon

Award Prize: \$100

Project Number: JR-100-0082

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Project Name: Plaque Attack: Comparative Effectiveness of Non-Brushing Dental Care Products on Simulated Canine Plaque

Dean of the College of Human Sciences- STEM for Human Well-Being Award

Special Award Description: The Human Sciences Award is presented to an exceptional project in Behavioral and Social Sciences that illustrates the role of STEM in understanding human behavior, social systems, and quality of life. This award recognizes research that integrates scientific investigation, data analysis, or technological thinking to address real-world human challenges—reinforcing the idea that STEM is everywhere, even in disciplines centered on people, relationships, and communities. The award winner will receive a certificate and a \$100 cash award.

Award Name: STEM for Human Well-Being Award

Award Sponsor: Dean of the College of Human Sciences

Student Name: David DeLaire, Beren Melouk, Liam Patel

Award Prize: \$100

Project Number: JR-200-0076-T

Project Name: Mind Over Matter: The Power of Your Brainwaves

Dean of the College of Liberal Arts- STEM in Society Award

Special Award Description: The College of Liberal Arts Award is presented to an exceptional project that bridges STEM practices with liberal arts perspectives to address real-world challenges. This award celebrates research that integrates data, analysis, and innovation with human-centered inquiry, reinforcing that STEM is everywhere—shaping how we communicate, create, and understand the world. The award winner will receive a certificate and a \$100 cash award.

Award Name: STEM in Society Award

Award Sponsor: Dean of the College of Liberal Arts

Student Name: Taylor Barron, Jenna Mitchell

Award Prize: \$100

Project Number: JR-200-0141-T

Project Name: Unexpected Stop

Boeing- Boeing Innovation Award

Special Award Description: The Boeing Innovation Award honors a student project that exemplifies creativity, technical skill, and problem solving through STEM. This award recognizes research or design that applies engineering, technology, or scientific analysis to real world applications—celebrating the role of innovation in advancing aerospace, exploration, and global connectivity. The award winner will receive a certificate and a \$100 cash award.

Award Name: Boeing Innovation Award

Award Sponsor: Boeing

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Student Name: Devansh Goyal
Award Prize: \$100
Project Number: JR-500-0103
Project Name: Project WindDrive

Citadel- Citadel Securities Innovation Prize

Special Award Description: This award recognizes exemplified ingenuity and innovation through their project idea, goals, and/or design, thinking creatively about how to solve problems. The award winner will receive a certificate and a \$100 cash award.

Award Name: Citadel Securities Innovation Prize
Award Sponsor: Citadel
Student Name: Kinsley Spencer
Award Prize: \$100 through Society for Science
Project Number: JR-1100-0114
Project Name: Comparing Drone Claw Designs for Accurate PFD Delivery

Thermo Fisher Scientific- Thermo Fisher Scientific Junior Inventors Challenge (JIC)

Special Award Description: The Thermo Fisher Scientific Junior Inventors Challenge (JIC) is the nation's premier STEM research competition for 6th, 7th and 8th grade students. The top 10% of Junior Division students competing here today at ASEF have the honor of continuing their science fair journey by applying to compete in the Thermo Fisher Junior Inventors Challenge.

Student Name: Ana Singh
Project Number: JR-200-0075
Project Name: The Potential for a Productivity App to Aid Students in Overcoming Procrastination

Student Name: Corbin Perry
Project Number: JR-700-0016
Project Name: Breakwater Battlefront

Student Name: Sagar Yellamraju
Project Number: JR-900-0045
Project Name: How much energy is retained following each inelastic collision of a bouncing basketball?

Student Name: Devansh Goyal
Project Number: JR-500-0103
Project Name: Project WindDrive

Student Name: Ella Hobbs, Donald Kosak
Project Number: JR-100-0084-T
Project Name: Pollution's Solution: Wax Worms

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Student Name: Meryem Zengul

Project Number: JR-1200-0054

Project Name: Is AI gender and racially biased?

Student Name: Emilía Ng

Project Number: JR-300-0090

Project Name: Evaluating antibacterial activity of "API General Cure" against E. coli

Student Name: Roxson Odom

Project Number: JR-800-0007

Project Name: Allergen Injection: War of the Woven Fabrics

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2026 ASEP Junior Division Category Award Winners

1st place receives \$100 cash prize, certificate and ASEP medal

2nd place receives \$50 cash prize, certificate and ASEP medal

3rd place receives certificate and ASEP medal

0100 Animal and Plant Sciences

3rd Place

Fatimah Khan, Vivikta Vijay - GEARSEP

JR-100-0139-T - What's the Limit?

2nd Place

Abigail Krause - MRSEP

JR-100-0001 - Light's Effect on Phytoplankton

1st Place

Ella Hobbs, Donald Kosak - NARSEP

JR-100-0084-T - Pollution's Solution: Wax Worms

0200 Behavioral & Social Sciences

3rd Place

Rainca Jin - MRSEP

JR-200-0005 - Matcha Thinking

2nd Place

Yan Cepeda Garcia - NARSEP

JR-200-0086 - The Speed of The Senses: Auditory V.S. Visual Reaction Time

1st Place

Ana Singh - CARSEP

JR-200-0075 - The Potential for a Productivity App to Aid Students in Overcoming Procrastination

0300 Cell, Molecular, Microbiology & Biochemistry

3rd Place

Aisha Raza - MRSEP

JR-300-0010 - Hydro-Migration in Potatoes: Evaluating the Differential Osmotic Gradients in Common Liquids

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2nd Place

Keerthana Panchavati - NARSEF

JR-300-0091 - Nature's Pharmacy: Evaluating Common Household foods as "Natural Antibiotics"

1st Place

Emilía Ng - NARSEF

JR-300-0090 - Evaluating antibacterial activity of "API General Cure" against E. coli

0400 Chemistry and Materials Science

3rd Place

Eric Hill - NARSEF

JR-400-0096 - How Do Containers Affect Waters PH Level Over Time

2nd Place

Durga Mamidi - CARSEF

JR-400-0058 - A Comparative Analysis of pH in Organic Ingredients and Cosmetic Products

1st Place

Skylar Smith - GEARSEF

JR-400-0147 - Too Hot to Handle: Do Spicy Chips Break Down The Stomach's Defense

0500 Engineering

3rd Place

Ava Le - MRSEF

JR-500-0022 - Fishing Frenzy

2nd Place

Morgan Williams - GEARSEF

JR-500-0151 - Sir Scraps A Lot

1st Place

Devansh Goyal - NARSEF

JR-500-0103 - Project WindDrive

0600 Energy

3rd Place

Haram Park - GEARSEF

JR-600-0154 - Phantom Energy

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2nd Place

Abigail McGriff - MRSEF

JR-600-0019 - Fueling the Future!

1st Place

Logan Rogers - GEARSEF

JR-600-0152 - Feathered Fuel

0700 Earth and Environmental Sciences & Environmental Engineering

3rd Place

Omar Aldabbas - CARSEF

JR-700-0066 - Alage-based Ammonia removal

2nd Place

Emmalyn Sutton, Brooke Baker - GEARSEF

JR-700-0155-T - Fantastic Ferros: Removing Microplastics From Water with Ferrofluids

1st Place

Corbin Perry - MRSEF

JR-700-0016 - Breakwater Battlefront

0800 Biomedical Engineering & Biomedical and Health Sciences

3rd Place

Johitha John Victor - CARSEF

JR-800-0079 - Is Skin the First Line of Defense ?

2nd Place

Khidr Kishan Budhwani, Brahma Mubarak Budhwani - CARSEF

JR-800-0067-T - Characterizing Tumor Microenvironment Barriers Using Dual-Stain Histology

1st Place

Roxson Odom - MRSEF

JR-800-0007 - Allergen Injection: War of the Woven Fabrics

2026 Alabama Science and Engineering Fair (ASEF)



0900 Physics, Astronomy & Mathematics

3rd Place

Jonah Jeffreys - CARSEF

JR-900-0044 - My David II

2nd Place

Karthik Panchavati - NARSEF

JR-900-0110 - Seeing the Unseen : Detection of microplastics in everyday beverages

1st Place

Sagar Yellamraju - CARSEF

JR-900-0045 - How much energy is retained following each inelastic collision of a bouncing basketball?

1100 Robotic Systems & Communication Technology

3rd Place

Kinsley Spencer - NARSEF

JR-1100-0114 - Comparing Drone Claw Designs for Accurate PFD Delivery

2nd Place

Philip Madsen - NARSEF

JR-1100-0111 - Does Mass Matter?

1st Place

Shlok Templin - CARSEF

JR-1100-0052 - Convolutional Neural Networks and Their Parameters that Affect Image Recognition

1200 Computational and Bioinformatics Sciences

2nd Place

Kaylee Swanquist, Lily Miksis, Emily Snodsmith - CARSEF

JR-1200-0053-T - Middle School Vs. AI

1st Place

Meryem Zengul - CARSEF

JR-1200-0054 - Is AI gender and racially biased?