

GEARSEF 2020 Awards Ceremony Winners List (Junior Division)

SPECIAL AWARD RECOGNITIONS

Auburn University's 100 Women Strong Achievement Award

Sponsored by: 100 Women Strong

This achievement award recognizes females that exemplify excellence through research in any category. Winners will receive the following -1st place \$100 cash prize and a plaque, 2nd place \$75 cash prize and a certificate, 3rd place \$50 cash prize and a certificate.

The winners are:

1st place – Whitney Daniel, Admiral Moorer MS

2nd place – Kayla Richardson, Admiral Moorer MS

3rd place – Katelyn Luna, Harrand Creek Elementary

AU Biological Sciences Award for Outstanding Poster in Animal and Plant Sciences

Sponsored by: The Auburn University Department of Biological Science

This award recognizes an outstanding poster in the Animal and Plant Sciences Category. The winner will receive a \$50 cash award and a plaque.

The winner is: Jadon Quates, Holtville MS

AU Biological Sciences Award for Outstanding Poster in Cellular, Molecular, or Microbiology

Sponsored by: The Auburn University Department of Biological Science

This award recognizes an outstanding poster in any category, which has a cellular, molecular, or microbiology emphasis. The winner will receive a \$50 cash award and a plaque.

The winner is: Isabella Beaty, Dothan Prep Academy

AU Biological Sciences Award for Outstanding Poster in Medicine & Health Sciences

Sponsored by: The Auburn University Department of Biological Science

This award recognizes an outstanding poster in the Medicine and Health Sciences Category. The winner will receive a \$50 cash award and a plaque.

The winner is: Kalicea Spagner, Hayneville MS

AU Department of Chemistry and Biochemistry Award

Sponsored by: AU Department of Chemistry and Biochemistry

This award recognizes high achievement in scientific research in the field of chemistry or biochemistry. The winner will receive a plaque and a \$50 cash award.

The winner is: Kyla Richardson, Admiral Moorer MS

AU Department of Geosciences Award

Sponsored by: AU Department of Geosciences

This award recognizes creative expression of mastering the concept of Earth as a system. The winner will receive a plaque and \$50 cash award.

The winner is: Lillian Vilardi, Wetumka MS

AU Physics Award for Ingenuity and Inventiveness

Sponsored by: AU Department of Physics

Physical principles underlie all of science. This award is given in recognition of an individual who demonstrated 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 plaque and \$50 cash award.

The winner is: Dylan Lowlavar and Sam Butterfield, Highlands Elementary School

AU Samuel Ginn College of Engineering Award

Sponsored by: Samuel Ginn College of Engineering Award, Office of the Dean

This award will be given to project in any category that demonstrates an innovative application of math or science to a challenge of our society. The winner will receive a plaque and a \$100 cash award.

The winner is: Anna Caver, Eclectic MS

AU Society of Women in Sciences and Mathematics Achievement Award

Sponsored by: The Society of Women in Sciences and Mathematics – Auburn University

This award recognizes high achievement in scientific research by a female. The winner of this award will receive a \$50 cash award and a plaque.

The winner is: Jaida Davis, Hayneville MS

AU Spirit of Excellence

Sponsored by: The Auburn University COSAM Office of Inclusion, Diversity and Equity

This award recognizes any student for any category considered an underrepresented minority in STEM or persons with disabilities. The winner will receive a certificate and a \$50 cash award.

The winner is: Kyla Richardson, Admiral Moorer MS

Future Scientist Award

Sponsored by: The Dean of the College of Sciences and Mathematics

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

The winner is: Cooper Wingate, Admiral Moorer

Innovation of Robotic Systems Award

Sponsored by: Southeastern Center of Robotics Education

This award will recognize a project from any category that demonstrates the greatest promise for innovation in the use of robotic systems. The winner will receive a plaque and a \$100 cash award.

The winner is: Aidan Perry, D.A. Smith MS

Lemelson Early Inventor Prize

Sponsored by: Lemelson Foundation

This award will recognize a young inventor creating a promising solution to real-world problems. The winner will receive a certificate and a \$100 cash award.

The winner is: Allen Wright, Wetumpka MS

Naval Science Award

Sponsored by: Office of Naval Research

This award recognizes up to 3 students who demonstrated excellence in science research or engineering design. The winners will receive a certificate of achievement and a medallion.

The winners are:

1. Jack Carlisle, Holtville MS
2. Dylan Lowlavar and Sam Butterfield, Highlands Elementary School
3. Whitney Daniel, Admiral Moorer MS

“Taking the Pulse of the Planet Award”

Sponsored by: National Oceanic and Atmospheric Administration (NOAA)

This award will go to one individual selected from among all the categories whose research emphasizes NOAA’s mission of Science, Service, and Stewardship: “To Understand and predict changes in climate, weather, oceans, and coasts, to share that knowledge and information with others, and to conserve and manage coastal and marine ecosystems and resources.” The winner will receive a certificate, and a letter.

The winner is: Madelyn Clark – Eclectic Middle School

Society of Hispanic Professional Engineers Young Innovator Award

Sponsored by: Auburn University Chapter of SHPE

This award recognizes research excellence presented by a minority student in an effort to encourage a lifelong enthusiasm for the sciences in traditionally underrepresented demographics. The winner will receive a certificate and a \$50 cash award.

The winner is: Isabella Beaty, Dothan Prep Academy

Science Technology, Engineering & Math (STEM) Award

Sponsored by: The United States Air Force

This award recognizes one project from any category that demonstrates outstanding science or engineering. The winners will receive a certificate of achievement and a messenger bag with power bank charger, dog tag USB flashdrive and a dual USB car charger.

The winner is: Jaida Davis, Hayneville MS

Talent in Mathematics and Statistics Award

Sponsored by: AU Department of Mathematics and Statistics

This award will recognize a project, from any category, that demonstrated strong mathematical and statistical analysis. The winner will receive a plaque and \$50 cash award.

The winner is: Ivan Ibarra, D.A. Smith MS

Now we will shift gears and announce the placement winners of each category. A judging panel of over 40 scientists and engineers determined which projects scored highest today in each category. In addition, the judges determined which projects should advance from GEARSEF to the state Science Fair in April by only awarding category medals to those projects meriting advancement to the State Fair. Students receiving a category medal will automatically qualify to advance to the Alabama State Science Fair held March 24-25, 2020 at the University of Alabama Huntsville. In addition, the 1st place winner of each category will receive a \$50 cash prize. Students, if I call your name please come forward to receive your prize.

CATEGORY AWARDS

Category 100: Animal and Plant Sciences

3rd Jadon Quates, Holtville MS

2nd Carter Hayes, Phenix City Intermediate School

1st Isabella Beaty, Dothan Prep Academy

Category 200: Behavioral & Social Science

3rd Margaret Yeilding, Phenix City Intermediate School

2nd Sydney Burleson, Holtville MS

1st Will Bao, East Samford

Category 300: Cellular & Molecular Biology (NONE FOR JR DIVISION)

Category 400: Chemistry, Biochemistry & Materials Science

3rd Jack Carlisle, Holtville MS

2nd Kyla Richardson, Admiral Moorer MS

1st Jaida Davis, Hayneville MS

Category 500: Engineering, Computer Science and Mathematics

3rd Ivan Ibarra, D.A. Smith MS

2nd Whitney Daniel, Admiral MS

1st Allen Wright, Wetumpka MS

Category 600: Energy: Chemical & Physical

3rd Channing Morgan and Shelby Shaw, Redland Elementary

2nd Patrick Muna, Dothan Prep Academy

1st Hunter Hawkins and Jaylan Hill, Dothan Prep

Category 700: Earth & Environmental Science

3rd Tenley White, D.A. Smith MS

2nd Lillian Vilardi, Wetumpka MS

1st Cooper Wingate, Admiral Moorer MS

Category 800: Medicine & Health Science

3rd Gage Russon, Holtville MS and Noah Ondrusek, Phenix City Intermediate School

2nd Auston Davis, Phenix City Intermediate School

1st Kalicea Spagner, Hayneville MS

Category 900: Physics & Astronomy

3rd NONE

2nd Timothy Pearson, Waccoochee Elementary School

1st Smith Williams, Carver Magnet School

Broadcom MASTERS Award (certificate)

The Broadcom MASTERS is the national competition for 6th, 7th, and 8th grade students who participate in affiliated science fairs. Our fair has the honor of selecting the top 10% of projects today to continue their journey to the national competition. Broadcom MASTERS nominees are invited to complete the online application, and are eligible for valuable prizes and awards including \$25,000, iPads, STEM summer camp, and more. This nomination is an honor, and distinguishes these projects as among the top 10% in the nation. From the complete list of entrants, the top 300 semi-finalists will be selected and announced next fall. We were very fortunate to have a student from our region selected as a Top 300 finalist this past fall! This list of 300 will be narrowed to 30 and those students who are selected will win an all-expense-paid trip to the Broadcom MASTERS finals from October 16 – October 21, 2020 in Washington DC.

Please come forward as we call your name. The Broadcom MASTERS finalists from GEARSEF are:

1. Cooper Wingate, Admiral Moorer MS

2. Jaida Davis, Hayneville MS

3. Lillian Vilardi, Wetumpka MS

4. Tenley White, DA Smith

5. Madelyn Clark, Eclectic MS

6. Kyla Richardson, Admiral Moorer MS

7. Isabella Beaty, Dothan Prep Academy

8. Jack Carlisle, Holtville MS

9. Kelicea Spagner, Hayneville

10. Will Bao, East Samford

11. Allen Wright, Wetumpka MS

12. Whitney Daniel, Admiral Moorer MS

GEARSEF is one of 5 regional Intel Science and Engineering Fairs in the State of Alabama. The top projects in both Jr. and Sr. level divisions are invited to compete at the Alabama State Science and Engineering Fair at the University of Alabama Huntsville on March 26-27, 2020. Only those projects that earned a high enough score to be awarded a category medal will be invited to the state competition.

Congratulations to all of our participants and winners today!

A few notes for winners:

- 1.) Directions and any additional forms, paperwork or instructions are included in your award packet. Please pay close attention to all stated deadlines.
- 2.) Broadcom MASTER winners, please see the letter inside your award packet for registering online. All winners are expected to complete this step!
- 3.) If you are advancing to the state science fair, your paperwork will be submitted electronically to the Alabama Science and Engineering Fair (ASEF) Review Committee by our office for approval. Any corrections/revisions that are needed must be completed by March 20, 2020 in order to compete at ASEF on March 26-27, 2020.