



ANNOUNCEMENT OF AWARDS

Congratulations to all students selected to participate in the 2024 Georgia Junior Science & Humanities Symposium. Georgia JSHS provides an opportunity for high school students from across the state to present the results of their original STEM research before a panel of judges to compete for military-sponsored scholarships awards. The top five presenters are invited to advance to the National JSHS.

The U.S. Office of the Secretary of Defense, U.S. Army, U.S. Navy and Marine Corps, and U.S Air Force and Space Force jointly sponsor undergraduate tuition scholarships for student finalists in the Regional and National Symposia. The following undergraduate tuition scholarships are supported by the DoD sponsors. All scholarships are payable upon matriculation to college and upon meeting the JSHS scholarship conditions. Additionally, ten teachers across the Nation will receive a \$1,000 award honoring their exceptional contributions to promoting student research. Georgia JSHS has the opportunity to submit two nominations for this award.

1ST PLACE

\$2,000 scholarship, invitation to participate in the presentation competition at the National JSHS.

LUC NGUYEN

Gwinnett School of Mathematics, Science & Technology
Low-Cost, Adjustable, Pediatric Prosthetic Leg

2ND PLACE

\$1,500 scholarship, invitation to participate in the presentation competition at the National JSHS.

PRAGATHI KASANI-AKULA

South Forsyth High School
Early Detection of Triple Negative Breast Cancer using Multi-Functional Magneto-Fluorescent Carbon Dots

3RD PLACE

\$1,000 scholarship, invitation to participate in the poster competition at the National JSHS.

DUA BASHIR

Gwinnett School of Mathematics, Science & Technology
Comparative Study of Fruit Peel Biopolymer-Based Composite Films

4TH PLACE

Invitation to participate in the poster competition at the National JSHS.

BRANDEN KIM

Gwinnett School of Mathematics, Science & Technology
An Observation of Granular Locomotion with Bipedal Systems

5TH PLACE

Invitation to participate in the poster competition at the National JSHS.

DEEKSHA KHANNA

Chamblee Charter High School
*Elucidating the Behavioral, Pathogenetic, and Therapeutic Implications of Selectively Inhibited Monogenic Variants in Fragile X Syndrome Associated Genetic Epilepsy in *Drosophila melanogaster**

6TH PLACE

First alternate to participate in the National JSHS, if 1st through 5th place cannot attend.

BETHANY JOELLIANE GUERRERO

Kennesaw Mountain High School
Correlation of Non-Medicinal Treatment and Diminished Dysautonomia Symptoms

7TH PLACE

Second alternate to participate in the National JSHS, if 1st through 5th place cannot attend.

MITESH SHAH

Gwinnett School of Mathematics, Science & Technology
NeuraQED: Quantum Error Correction via Simulated Neural Networks

TEACHER AWARD NOMINEES:

DR. COURTNEY COX, Gwinnett School of Mathematics, Science & Technology
STEPHANIE TATUM, Harrison High School



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