

## ANNOUNCEMENT OF AWARDS

Congratulations to all students selected to participate in the 2022 Georgia Junior Science & Humanities Symposium. The Georgia JSHS provides an opportunity for high school students from across the state to present the results of their original science, engineering, technology, or mathematics 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 Departments of the Army, Navy and Air Force jointly sponsor undergraduate tuition scholarships and cash awards for student finalists in the Regional and National Symposia. Additionally, one teacher from each region is recognized for their exceptional contributions to promoting student research. The following undergraduate tuition scholarship and cash awards are supported by the Tri-Service sponsors. All scholarships are payable upon matriculation to college and upon meeting the JSHS scholarship conditions.

### 1<sup>ST</sup> PLACE

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

### JOHN PREWITT

**Gwinnett School of Mathematics, Science & Technology**  
*A Novel Implementation of LiDAR Mesh Classification and Image Classifiers in Assistive Technology for the Visually Impaired*

### 2<sup>ND</sup> PLACE

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

### SAHIL SOOD

**Lambert High School**  
*Development of a Targeted Drug Delivery System for the Treatment of Covid-19*

### 3<sup>RD</sup> PLACE

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

### JONATHAN GUTKNECHT

**Gwinnett School of Mathematics, Science & Technology**  
*Advanced Control of Small Launch Vehicle*

### 4<sup>TH</sup> PLACE

Invitation to participate in the poster competition at the National JSHS

### SAMAD HAKANI

**Gwinnett School of Mathematics, Science & Technology**  
*Investigating the Quantum Behavior of Simple Pendulums through Revival Times*

### 5<sup>TH</sup> PLACE

Invitation to participate in the poster competition at the National JSHS

### SHRIYA MAHAKALA

**Northview High School**  
*Deep Learning Model for Prostate Cancer Grading*

### 6<sup>TH</sup> PLACE

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

### PHIL CARTER TUSSI

**Gwinnett School of Mathematics, Science & Technology**  
*Designing a Vibration-Based Haptic Feedback System for Tactile Sensory Training in the Upper Limbs*

### REGIONAL TEACHER AWARD

\$500 award

### RICHARD MCCOMBS

**Statesboro High School**