



Georgia Junior Science & Humanities Symposium

February 22 - 24, 2015

Contact Information

Office of Academic Special Programs

The University of Georgia

1197 S. Lumpkin St., Suite 198

Athens, GA 30602-3603

Phone: (706) 542-6473

Fax: (706) 542-7537

Email: oasp@georgiacenter.uga.edu

www.georgiacenter.uga.edu/gjsHS

About the Georgia Junior Science & Humanities Symposium

At the Georgia Junior Science & Humanities Symposium (JSHS), high school students from across the state have the opportunity to present the results of their original scientific, engineering, or mathematics research and compete for military-sponsored scholarships and other awards. Some students will be selected to advance to the prestigious [National JSHS](http://www.njsHS.org).

All students in grades 8 -12, enrolled in a public, private, or home school within the area served by the Georgia JSHS regional symposium are eligible to be selected for participation in the Georgia JSHS event. Experimental research, field research, observational research, and applied research are eligible. While review or library research is a part of the research process, these investigations alone are not appropriate. (See www.jshs.org, Guidelines section, for additional descriptive reviews of the types of research.)

Students will be invited to attend Georgia JSHS after a preliminary judging process in which qualified scientists review the students' submitted research papers and extended abstracts. Based on the results of this preliminary review, 70 students will be selected to attend Georgia JSHS as either *presenters* or *observers*.

- **PRESENTERS** Fifty (50) Georgia students in grades 9 - 12 will be selected to participate in the oral presentation competition at the Georgia regional symposium in Athens. GJSHS culminates with the selection of five (5) of these presenters to win an expense-paid trip to National JSHS. Two (2) of these five finalists will have the opportunity to present their research and in the oral presentation competition at NJSHS, and one (1) will be invited to enter the NJSHS poster competition.
- **OBSERVERS** Approximately twenty (20) additional students will be invited to participate as symposium observers and to present their science research in a poster presentation. Students in the 8th grade may be selected as observers only, not presenters.

The Georgia JSHS will be held at the University of Georgia Conference Center & Hotel, February 22-24, 2015. Students who are selected to attend will be provided with meals (with the exception of one "on your own" Chaperone-supervised dinner) and lodging for the duration of the event. Participants are typically housed four to a room in hotel rooms containing two queen-sized beds; alternate housing arrangement requests may be considered depending on space availability.

Georgia JSHS research papers and abstracts must adhere to the guidelines outlined in the Georgia JSHS Rulebook, which can be found at:

www.georgiacenter.uga.edu/gjsHS

Please note that papers and extended abstracts must be **double-spaced** and in **12 point font**.

The Georgia JSHS is a regional affiliate of a national JSHS program. The JSHS program has been sponsored by the United States Department of the Army since its inception in 1958, and additionally joined by the Departments of the Navy and Air Force after 1995. The primary aims of JSHS are to promote original research and experimentation in the sciences, engineering, and mathematics at the high school level, and to publicly recognize students for outstanding achievement. By involving talented students and their teachers in the symposium, and by recognizing students' research endeavors through scholarships and other awards, JSHS aims to encourage continued interest and participation in the sciences and ultimately to widen the pool of trained scientific and engineering talent prepared to conduct research and development vital to our nation.



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Student Application

Page 1 of 2

Must be received by **JANUARY 8, 2015** along with your Extended Abstract and Research Paper (both in **Microsoft Word**, in **12 point font, double-spaced**, and submitted via **email** to oasp@georgiacenter.uga.edu). Both pages of the application must be completed. Invalid without all three (3) signatures and dates. See rulebook for detailed information.

Please type or print clearly.

Student Information

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Email: _____

Grade: _____ Age: _____ Gender: _____

- Race: Hispanic Black or African American
 Asian American Indian or Alaskan Native
 White, non Hispanic Native Hawaiian or Other Pacific Islander
 Middle Eastern Other

School Information

School: _____

School Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

Sponsoring Teacher's Name: _____

Teacher's Email: _____

Principal's Name: _____

Project Information

Project Title ***Maximum of 65 characters, including spaces and punctuation. No exceptions!**

Check the category that best describes your paper's subject area:

- Behavioral & Social Sciences Life Sciences
 Chemistry Mathematics & Computer Science
 Engineering; Technology Medicine & Health
 Environmental Science Physical Sciences

Continued →



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Student Application, Continued

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This project was done with team members. Yes No

Team Members' Names: _____

**Note: Team members will most likely not be selected to attend.*

Application MUST have all 3 signatures.

I hereby declare that this research is my own and that I have given credit to all sources, consultants, and references used. This research is not identical to a previously entered Symposium project.

Student's Signature: _____ Date: _____

Teacher's Signature: _____ Date: _____

To be completed by school principal:

The above named student has permission to participate in GJSHS February 22-24, 2015.

The student's academic Grade Point Average (GPA) is _____.

Principal's Signature: _____ Date: _____

Project Information Sheet - Required!

Answer the following on a separate sheet of paper and submit with application. Answers should not exceed one (1) page total. Please title this page "Project Information Sheet".

1. How long have you been working on your project?
2. Where did you conduct the major part of your work? (i.e. home, school, university lab, medical center, etc.)
3. Outside assistance if applicable. Describe the parts of the research with which you received help. (i.e. literature search, hypothesis, experimental design, use of special equipment, data gathering, evaluation of data, statistical analysis, conclusions, preparation of written material, etc.)
4. What steps led you to formulate your hypothesis? (Where did you get the idea for your research? Please be specific.)
5. If you worked in an institutional setting, did you work on your project as part of a team or group? If yes, how large was the team and who was on the team? (i.e. students, adult researchers, etc.) Describe your role on the team and the actual research you performed.
6. Describe the parts of the research you did on your own.
7. If this research is a continuation of a previous investigation, describe how you have expanded your investigation.
8. Describe your extracurricular science activities.



The University of Georgia

Center for Continuing Education