
Dear Science Club Sponsor: Is your school experiencing the advantages of participating in the Alabama Junior Academy of Science (AJAS)?

What is AJAS?

AJAS is an organization which functions under the Alabama Academy of Science (AAS) and the National Junior Science and Humanities Symposium (JSHS), whose purpose is to encourage high school students to participate in scientific research. This activity culminates in paper competition at the local, regional, state, national, and international levels. Winners at the regional level receive an expense paid trip to the state competition; winners at the state level receive an expense paid trip to the national meeting. Winners can receive additional scholarships and may apply to the Intel National Science Talent Search and the Gorgas Alabama Science Scholar Search in their senior year of High School.

Who is eligible to join AJAS?

The students and sponsors of any public or private high school science club are eligible to join AJAS as a club. A registration form is sent to the contacts listed below, and small regional and state dues might be part of the application process.

Why should my school join?

- 1) Encourage scientific research under the guidance and direction of high school teachers and other science knowledgeable persons. This research can lead to a science fair project and a science paper for AJAS. An interdisciplinary panel of scientists from academia and industry judges papers and projects.
- 2) Sponsor annual science paper competition in the areas of Biology, Mathematics, Engineering, Physical Sciences, and the Humanities. Regional winners earn an expense paid trip to the State Competition. The First Place winners in each category in the state earn an expense paid trip to the National competition.
- 3) Facilitate networking and interaction with other science students, teachers, and scientists at local, regional and state levels. Holds elections for statewide office in the organization. Publishes papers of the annual competitions.

For more information contact

Dr. Catherine Shields at

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Gorgas Scholarship Competition & Alabama Science Scholar Search

2010 – 2011

Applications for the 2011 competition may be submitted directly to the Chair, Dr. Ellen Buckner. Deadline for receipt of entry is Monday January 10, 2011. This competition is for High School Seniors only. See complete information and entry instructions available after September 1 and located on the website at

www.GorgasScholar.org

Entrants must have a scientific paper describing original research or project. Scientific work may have been done in conjunction with a summer science program or year-round supervised work. It may have been presented at other science fairs or paper competitions. Gorgas Scholars compete for over \$10,000 in Scholarships and most Alabama Colleges and Universities offer additional scholarships.

The Gorgas Scholarship Program is named for General William Crawford Gorgas, the Alabama physician who conquered yellow fever in the Panama Canal Zone and later became the Surgeon General of the United States Army. The purposes of the Gorgas competition are to promote interest in science and to aid in the education of promising students.

The Alabama Science Scholar Search and Gorgas Scholarship Competition is a program of the Alabama Academy of Science and the Alabama Power Foundation. For questions, contact Dr. Buckner, Chair, at ebuckner@usouthal.edu or (251) 445-9449 or Dr. Catherine Shields at cldshields@yahoo.com or (205) 379-5356.