

February, 2014



The Alabama Academy of Science

Larry K. Krannich, Executive Director

Overview

- Objectives
- Historical
- Organizational Structure
- Annual Meeting
- Journal of the Alabama Academy of Science
- Emphasis on students and student research
- Fellowship Programs
- Awards Programs
- Importance of AAS Involvement



Academy Objectives

- Promote science
- Cooperate with science groups
- Support young scientists
- Provide scholarships/fellowships
- Scientific information

Objectives of the Academy

- Promote the development of interest in Alabama in scientific matters,
- Provide reliable scientific information
 - publication of papers and abstracts (JAAS)
 - exchange of scientific information (Annual Meeting)
- Provide opportunity for increased cooperation and fellowship among its members across all areas of science,
- Cooperate with other organizations having similar aims,
- Render public service and advocacy in scientific matters,
- Promote the interest in and study of science by Alabama youth, and
- Award scholarships for scientific achievement



History of the Academy

Academy, 1924

Annual meetings, 1924

Affiliated and member of AAAS, 1927

Journal, 1927

AJAS, 1933

Gorgas Scholarship, 1947

Science Fairs, 1954

Science Olympiad, 1990

Founding of AAS

- 4 April 1924 at AEA meeting in Montgomery
- Wright A. Gardner (Auburn) - President
 - Hugh D. Pallister (Alabama) – 1st VP
 - Walter C. Jones, M.D. (B'ham Southern) – 2nd VP
 - Sumner A. Ives (Howard College) – Secretary-treasurer



Wright A. Gardner, 1924

Founding of AAS

- Became affiliated with Birmingham Scientific Society
- Broad base and of interest to “scientists of all types regardless of their specialties”
- 35 original charter members

Objectives of the New Academy

- Tie together scientific interests of teachers, scientists, and research workers within AL
- Stimulate research in science
- Promote exchange of scientific information
- Encourage scientific publications
- Promote better science instruction

Major AAS Developments

- Academy formed, 1924
- Annual meetings, 1924
- Affiliated with and member of AAAS, 1927
- Journal, 1930
- AJAS, 1933
- AL State Science Talent Search and Gorgas Scholarship, 1947
- Science Fairs, 1954
- Wright Gardner Award, 1984
- William H. Mason Teacher Fellowship, 1990
- Science Olympiad, 1990
- AAS Fellows, 2007
- AMSTI Partnership, 2012



Annual Meeting

1st held on April 4, 1924 in Montgomery (16 papers read)

91st to be held March 12-14, 2014 at Auburn University

Technical Sessions

Featured Symposium

Awards Banquet

Alabama Junior Academy of Science

Gorgas Scholarship Program

<http://alabamaacademyofscience.org/>



Organizational Structure

Executive Director
Executive Committee
Board of Trustees
Scientific Sections

<http://alabamaacademyofscience.org/>

10 Scientific Sections

- I. Biological Sciences
- II. Chemistry
- III. Physics and Mathematics
- IV. Engineering and Computer Science
- V. Social Sciences
- VI. Anthropology
- VII. Science Education
- VIII. Industry, Environmental and Earth Science
- IX. Health Sciences
- X. Bioethics, History, and Philosophy of Science

THE JOURNAL OF THE ALABAMA
ACADEMY OF SCIENCE



VOLUME 83 JANUARY 2012 NO. 1

Journal of the Alabama Academy of Science

Formed 1927
Peer Reviewed
Published quarterly
Editorial Board

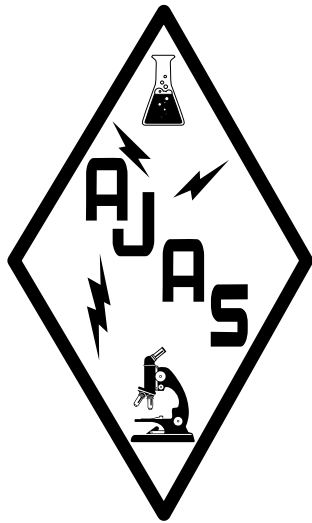
Journal of Alabama Academy of Science, Vol. 82, No. 3-4, July/October 2011

THE JOURNAL OF THE ALABAMA
ACADEMY OF SCIENCE



VOLUME 82 July/October 2011 NO. 3-4

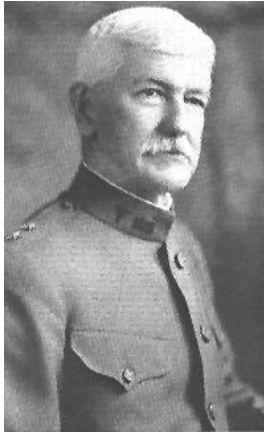
<http://alabamaacademyofscience.org/>



Students and Student Research

High School Students
Undergraduates
Graduates
Competitions
Research Grants

<http://alabamaacademyofscience.org/>



1854-1920



-1990

Scholarship/Fellowship Programs

Alabama State Science Talent Search and Gorgas
Scholarship Competition (1947)

Mason Teacher Fellowship (1990)



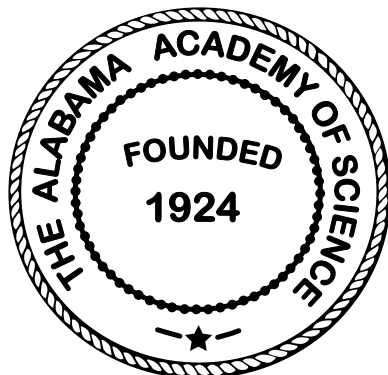
1895-1985

Awards Programs

Wright A. Gardner

Emmett B. Carmichael

AAS Fellows



Why Involvement with AAS is Important

Networking in Alabama

Excellent venue for students

Support of young scientists

Advocacy for science

Networking in Alabama

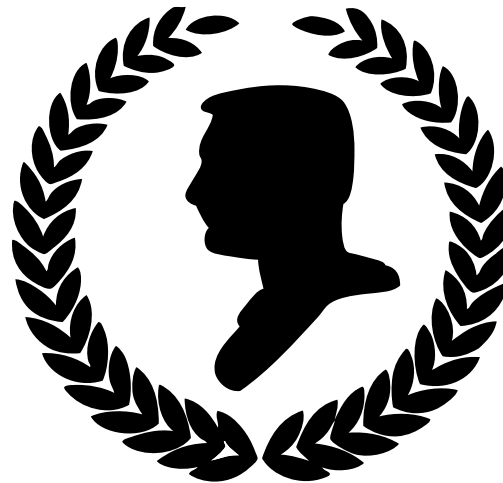
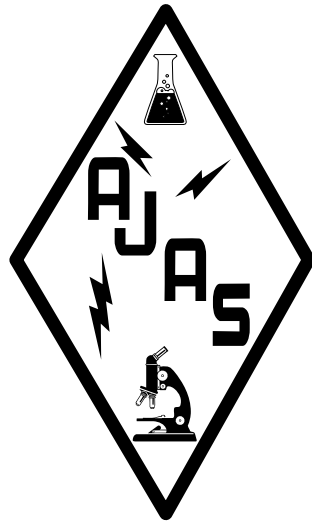
- Breadth of scientific research
- Collaboration among scientists
- Meet and encourage young scientists
- Graduate program opportunities

Excellent Student Venue

- Non-threatening environment to present and discuss
- Exposure to other scientists and students
- Peer and near peer support
- Chance to compete for awards
- Develop an in-state network

Young Scientists Support

- Encouragement through direct scientist-to-student contact
- Venue to recognize high school student science activities



Questions?

Contact

krannich@uab.edu

<http://alabamaacademyofscience.org/>