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

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Academy Objectives

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

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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

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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

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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
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

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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

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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

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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

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Organizational Structure

Executive Director
Executive Committee
Board of Trustees
Scientific Sections

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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

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Journal of the Alabama Academy of Science

Formed 1927
Peer Reviewed
Published quarterly
Editorial Board

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Students and Student Research

High School Students
Undergraduates
Graduates
Competitions
Research Grants

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Scholarship/Fellowship Programs

Alabama State Science Talent Search and Gorgas Scholarship Competition (1947)
Mason Teacher Fellowship (1990)

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Awards Programs

Wright A. Gardner
Emmett B. Carmichael
AAS Fellows

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Why Involvement with AAS is Important

Networking in Alabama
Excellent venue for students
Support of young scientists
Advocacy for science

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Networking in Alabama

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

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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

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Young Scientists Support

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

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Questions?

Contact
krannich@uab.edu

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