

AGENDA
ALABAMA ACADEMY OF SCIENCE
SPRING 2011 EXECUTIVE COMMITTEE MEETING
JACKSONVILLE STATE UNIVERSITY

WEDNESDAY, March 2, 2011, 6:00 PM, Martin Hall, Room 111

A. Call to order and approval of minutes of the Fall 2010 Executive Committee Meeting [Minutes on the [Academy website](#)]

B. Officer Reports..... 3

- | | |
|--|-------------------|
| 1. Board of Trustees | Ken Marion |
| 2. President | Brian Burnes |
| 3. President -Elect | Mickie Powell |
| 4. Second Vice President | Ronald Hunsinger |
| 5. Secretary | Janie Gregg |
| 6. Treasurer | Bettina Riley |
| 7. Journal Editor | Safaa Al-Hamdani |
| 8. Counselor to AJAS | Catherine Shields |
| 9. Science Fair Coordinator | Virginia Valardi |
| 10. Science Olympiad Coordinator | Jane Nall |
| 11. Counselor to AAAS | Steve Watts |
| 12. Section Officers | |
| I. Biological Sciences | Megan Gibbons |
| II. Chemistry | Emanuel Waddell |
| III. Physics & Mathematics | Manmohan Aggarwal |
| IV. Engineering & Computer Science | David Thornton |
| V. Social Sciences | Richard Hudiburg |
| VI. Anthropology | Harry Holstein |
| VII. Science Education | Janet Gaston |
| VIII. Industry, Environmental, and Earth Science | Janie Gregg |
| IX. Health Sciences | J. Michael Martin |
| X. Bioethics & History/Philosophy of Science | Gerry Elfstrom |

C. Committee Reports.....22

1. Local Arrangements	George Cline, James Rayburn, Mark Meade
2. Finance	Ken Marion
3. Membership	Vacant
4. Research	George Cline
5. Long-Range Planning	Adrian Ludwick
6. Auditing, Senior Academy	Robert Angus
7. Auditing, Junior Academy	Catherine Shields
8. Editorial Board & Associate Journal Editors	Thane Wibbels
9. Place and Date of Meeting	Jimmy Triplett
10. Public Relations	Roland Dute
11. Archives	Troy Best
12. Science and Public Policy	Scott Brande
13. Gardner Award and AAS Fellows	Prakash Sharma
14. Carmichael Award	Richard Hudiburg
15. Resolutions	Vacant
16. Nominating Committee	Ron Hunsinger
17. Mason Scholarship	Mike Moeller
18. Gorgas Scholarship Program	Ellen Buckner
19. Electronic Media	Brian Toone

D. Old Business33

E. New Business33

F. Adjournment.....33

The officer and committee reports were reviewed and some discussed occurred relative to some of the reports:

President's Report: We are looking at putting the journal online. The intent is to have people subscribe on an annual basis or purchase individual articles. EBSCO has MetaPress e-journals, a turnkey journal that would cost us \$5,400 for the first year to setup everything with maintenance of subscriber/membership lists. Based on the last five years, the editor questioned whether we need to send it to the company. This would be seamless with our website. There would be a direct link to their website and they would handle everything. Not sure about the value of it... Need to look at the costs to see if it does provide us value. Also, Brian Toone stated that he could give us a proposal for doing the electronic journal and keeping it on our website. George Cline made a motion that we do an online journal and pay Brian Toone to do this. Brian Burns made a motion that we go electronic with the journal. Safaa seconded the motion and the voted approved going electronic. Janie Gregg suggested that a cd be given to people who wanted a "hard" copy. The editor said he could get Kinkos or JSU printshop to print journals to send to libraries. A motion was made, seconded, and voted on to have Brian Toone receive journal content from the editor and compile our first e-journal to put online,

Ken Marion made a motion to give the steering committee the power to analyze Brian Toone's proposal of the complete list of costs associated with online journal and hard copies printed at JSU. George Cline second and motion carried.

Second vice-president report: Ronald Hunsinger gave the report and announced the nominees for officers and individuals for committee appointments. This list was approved. He also recommended that James Rayburn be added as a committee member to the Date and Place committee. This was seconded and approved.

Finance Committee Report: Ken Marion gave the report and stated that an audit was being done and after that is completed, a budget will be created for next year.

Counselor to Alabama Junior Academy: Catherine Shields reported that she agreed to fill the position on an interim bases after Henry resigned. Paperwork had not been filed last year and we did not receive funding for this year. She contacted the national office and Doris Cousins confirmed this. Therefore, we need to raise probably \$8,000 to send kids to nationals. National meeting is in San Diego and Doris will allow our five top students to attend; but we will have to pay the costs. She is looking for sources of funding. After considerable discussion, a motion was made to ask AAS membership to give a tax deductible donation to assist with the funding and form a task forces to develop a plan for long range stability of this Junior Academy program. Task force was comprised of George Cline, Catherine Shields, Ellen Buckner, Bettina Riley, and Mickie Powell).

Local Arrangements report: George Cline gave the report and stated that, there were 93 pre-registrants and about 180 attendees are expected. Senator Shelby is sending someone from his office for the gulf oil symposium.

Research Committee: 35 applications were received for travel grants and have approved 30 at \$40 and 5 at \$30. There is a total of \$3,150 traditionally available for travel and research funds.

Long Range Planning Committee: Adrienne Ludwick stated that the committee needs to establish a clear plan for the Academy. Facebook was mentioned as a good recruiting tool and is being used elsewhere to recruit. Brian Toone said he would create a facebook page for us.

Gardner Award: Gardner award has been awarded to J. Michael Wyss who is the director of the Center for Community Outreach Development (CORD) at UAB. He won't be in attendance this year to receive the award and it will be given to him at next year's banquet.

Gorgas Scholarship: Auburn increased its scholarship award to this year. The winner gets a 4-year award... finalists gets some scholarship after looking at SAT or ACT.

Media report: The PayPal balance is approximately \$3,000. Some updating of the website is needed to reflect current officers.

A

1. Call to Order

2. Review/approval of minutes of the Fall 2010 Executive Committee Meeting

See Alabama Academy of Science website for a copy of the minutes

B. Officer Reports

B-1

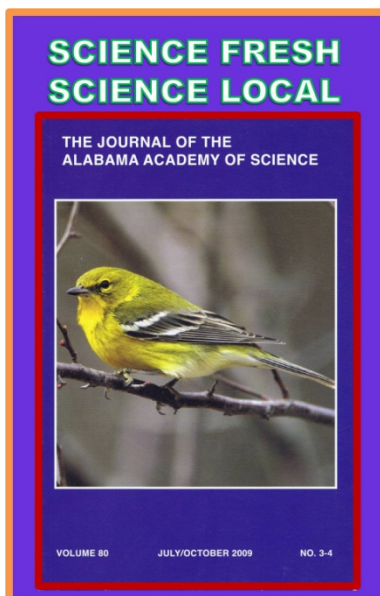
Board of Trustees Report

None Submitted

President's Report

The following are some issues that we have been working on this year:

- 1) *How to promote the JAAS? This will be addressed in e-journal issues (below).*
- 2) *Poster/pamphlet? This will be tackled after e-journal issues are resolved.*



- 3) *Feasibility of indexing the JAAS in Medline/PubMed?* There is an instruction page at http://www.ncbi.nlm.nih.gov/bookshelf/br.fcgi?book=helppubmed&part=publisherhelp#publisherhelp.Data_Provider_Quick. Basically, we need to supply and submit XML tagged citations and abstracts that can be linked to pdf files which will be kept on the AAS server.
 - a) This will be done by an e-journal provider (see below).
- 4) *How to generate the .pdf files?* Pambanisha King, Document Delivery Head, Auburn University will send the JAAS in batches to UWA for scanning into .pdf files.
 - a) I have scanned 2002-2007 (2007+ is already on AAS webpage).
 - b) Discovered that Gale-Cengage has the last 10 years of content available online for a fee, but content is not indexed in PubMed or Google Scholar.
 - c) Gale-Cengage has no e-journal capacity; was referred to Atypon...awaiting return call.
 - d) EBSCO has MetaPress e-journal capacity; a proposal from MetaPress is available and will be discussed:

MetaPress estimates the charges to the *Alabama Academy of Science* are, assuming receipt of PDFs of article and reviews, and based upon our completed technical review of a production sample:

	Implementation Period	First Year	Second Y e a r	Third Year
Initial Development	\$4,500			
Content Loading	\$900	\$825	\$825	\$825
Hosting		\$300	\$300	\$300
Software Maintenance		\$240	\$240	\$240
TOTAL	\$5,400	\$1,365	\$1,365	\$1,365

Complete proposal will be available in hardcopy at the meeting.

Respectfully submitted,
Brian Burnes, President

B-3

Report of the President-Elect

Non Submitted.

B-4

Second Vice President Report

Please refer to the Nominating Committee Report (C16).

Respectfully submitted
Ronald Hunsinger
Second Vice-President

B-5

Secretary Report

All the secretarial files have been received. Email dues notices have been sent to all current members, AAS officers, AAS committee members, and annual meeting presenters.

Treasurer's Report

Table 1
ALABAMA ACADEMY OF SCIENCE FUNDS BALANCE

<i>Account</i>	Balance as of 2/22/2010
Checking	\$5,512.25
Savings	\$1,263.13
CD1	\$10,545.27
CD2	\$7,543.10
 TOTAL	 \$24,863.75

Table 2
ISEF FUNDS Summary
2005 through 2010

Year	Yearly Balance	ISEF Account Balance	Running Total
2005	\$ (2,369.92)	\$	(2,369.92)
2006	\$ (2,413.50)	\$	(4,783.42)
2007	\$ (1,889.60)	\$	(6,673.02)
2008	\$ (12.22)	\$	(6,685.24)
2009	\$ 4,044.00	\$	(2,641.24)
2010	\$ 4,631.29	\$	1,990.05

The Table 1 indicates the total balances in all the Academy accounts as of 2/22/2011 when this report was generated. The second table indicates the yearly and running total balances of the ISEF Funds that are reflected each year in the total balances in the Academy accounts. On the next two pages are comparisons of income and expenses for two periods: (1) from the fall to the spring Executive Committee meetings and (2) from the annual meeting to annual meeting time frame to indicate the flow of income and expenses. These financial data do not reflect current Gorgas Account funds. The Academy accounts are currently undergoing an extensive audit.

Respectfully submitted,
Bettina Riley, Treasurer

B-7

Journal Editor Report

No report submitted.

B-8

Counselor to Alabama Junior Academy of Science Report

Work to expand the Alabama Junior Academy of Science (AJAS) Paper Reading and Gorgas competitions continues through the work of Dr. Mark Jones, AJAS Fellow. Three regions have registered presenters for the state competition: Central, South Central, and Southeast. Ten students from the Central region, seven students from the South Central region and one from the Southeast region will present at the state competition. Although the Northwest region has been active for many years, Vicki Farina is unable to attend this year and has been unable to recruit another teacher to sponsor student papers. We are working to encourage this region to continue their tradition of participation.

Dr. Henry Barwood resigned from his position as State Counselor. Dr. Catherine Shields agreed to serve as the interim State Counselor. Dr. Barwood is in the process of completing paperwork to enable Dr. Shields to access funds to pay the bills associated with the program. Dr. Barwood and Dr. B. J. Bateman are working with Dr. Shields to transfer information and resources to enable a smooth transition.

Plans are underway for the State Paper Reading competition in Jacksonville, AL March 3-4, 2011. The national Junior Sciences and Humanities Symposium (JSHS) will take place April 27 – May 1, 2011 in San Diego, California. The five first place winners from the State competition will attend JSHS and first and second place winners will present their research at the national meeting.

For many years the state competition categories (biology, physical science, humanities, engineering, and math) have been different from the national categories (environmental science, engineering, physical science, chemistry, life science, medicine and health, math and computer science). At the State meeting, AJAS would like for the state categories to be amended to match the national categories. One problem with this change is that the national JSHS office pays for students to attend the national meeting and this would increase the number of students eligible to attend from five to seven students. It is not clear how this change will affect the funds available to send students to JSHS. Although attempts have been made to contact the national office, e-mails sent to the addresses at the JSHS site have been returned as undeliverable.

Work will continue to focus on increasing participation in the AJAS program. Dr. Mark

Jones will place fliers advertising the program in the packets for all students at the state science fair and will attempt to contact coordinators of regional science fairs state-wide to place fliers in student packets. All AAS Board members are encouraged to share information about AJAS scholarship opportunities with people in your academic and personal communities state-wide.

Respectfully submitted,
Catherine Shields, Interim Director

B-9

Science Fair Coordinator Report

No report submitted. The following is a listing of the 2011 Science Fairs:

2011 REGIONAL SCIENCE FAIRS

North Alabama Regional Science & Engineering Fair, The University of Alabama in Huntsville, March 2-4, 2011, Barbara Lucius, barbaral@eng.uah.edu.

Central Alabama Regional Science & Engineering Fair, The University of Alabama at Birmingham, March 5, 2011, Kevin Jarrett, Kjarrett@uab.edu.

West Alabama Regional Science & Engineering Fair, The University of West Alabama, March 11-12, 2011, John McCall, jmccall@uwa.edu.

Greater East Alabama Regional Science & Engineering Fair, Auburn University, March 9, 2011, Mary Lou Ewald, ewaldml@auburn.edu.

South Alabama Regional Science & Engineering Fair, The University of South Alabama, March 25-26, 2011, Jim Connors, jconnors@usouthal.edu.

2011 ALABAMA STATE SCIENCE AND ENGINEERING FAIR

April 1 – 3, The University of Alabama in Huntsville; Coordinator, John D Fix, College of Science, University of Alabama in Huntsville, 301 Sparkman Dr., Huntsville, 35899

Alabama Science and Engineering Fair web site: <http://nsstc.uah.edu/asef/index.html>.

2011 INTERNATIONAL SCIENCE AND ENGINEERING FAIR

An activity of Intel Science Service, 1719 N Street, NW, Washington, DC 20036, (202) 785-2255, FAX (202) 785-1243. Internet: <http://www.societyforscience.org/intelisef2011>.

The Intel 2011 ISEF will be held May 8-13, 2011 in the Los Angeles Convention Center, Los

Angeles, California..

Virginia Vilardi, State Coordinator, 1251 Coosa River Parkway, Wetumpka H. S., 36092, (334) 567-5158, Cell, (334) 799-0104, FAX (334) 567-1178, (H) (334) 514-1770,
Virginia.vilardi@elmore.k12.al.us.

B-10

Alabama Science Olympiad Report

For the last couple of years, Alabama educators have experienced some tough times due to Proration and budget cuts resulting in fewer teams registering, bad weather on the weekend of the tournament at University of Alabama Tuscaloosa and the tragedy at University of Alabama Huntsville could have resulted in two tournaments being cancelled. They rallied! The loyal Science Olympiad event judges, directors, volunteers and teams pulled it together to attend rescheduled tournaments. Alabama Science Olympiad Director is so thankful for the loyalty of everyone involved in the SO program.

Spring Hill College joined the SO Alabama family and conducted a fine tournament. The directors enthusiastically began plans for 2011 the day after their tournament. Two honor UAB students are volunteering to Co-direct a C tournament this year. They were encouraged by several science educators in the Birmingham area.

As for A2, the little Olympians, we have 62 teams registered as of January 1, 2011. Tournaments include University of West Alabama, Auburn University and Jacksonville High School. Needed is a host for an A2 tournament in the Birmingham area.

If we can keep the present folks hosting tournaments (three A2 tournaments, four B tournaments, and with UAB adding, four C tournaments) and add a few more, Alabama Science Olympiad numbers could rebound. In addition to the current regional hosts (UWA, AU, JHS, UAH, AUT, and SHC), I am very appreciative of directors and event supervisors at Huntingdon College for hosting the State B. We are still hopeful someone will agree to host the State C tournament. Registrations this year for B total 80 and 56 for C divisions.

Please consider showcasing your campus, staff and students, and the science department by hosting a tournament! As always, thank you for your support of Alabama Science Olympiad.

ALABAMA SCIENCE OLYMPIAD 2010-2011

Division A2 Grades 3-6 Olympiad Tournaments

University of West Alabama, Tuesday, Oct 19. Dr. Janis Beard, Univ. of West Alabama, Station 7, Livingston, AL 35470, jbeard@uwa.edu.

Jacksonville High School. February 26. David Peters, 1000 George Douthit Drive SW, Jacksonville, AL 36265. (256) 435-4177, www.esoatjhs.org

Auburn University, TBD. Greg Harris & Terry Tidwell, Department of Mathematics, 218 Parker Hall, Auburn, AL 36830 harriga@auburn.edu or tidweto@auburn.edu

Division B Grades 6-9 Olympiad Tournaments

Spring Hill College, February 26. Dr. Carolyn R. Simmons, Assistant Professor of Chemistry Spring Hill College, 4000 Dauphin Street, Mobile, AL 36608 csimmons@shc.edu

Auburn University, February 19. Dr. Steve Stuckwisch, Department of Geology, 108 Tichenor Hall, Auburn University, AL 36830. (251) 844-6575 stuckwisch@charter.net; <http://www.auburn.edu/~stuckse/ScienceOlympiad/>

University of Alabama at Huntsville, February 19. Mrs. Vanessa Colebaugh, 5019 Willow Creek Drive, Owens Cross Roads, AL 35763. (256) 922-5747 nessacita@comcast.net, <http://www.uah.edu/sciolympiad/index.php>

University of Alabama. February 12. Luoheng Han, Ph.D., Associate Dean and Professor, College of Arts and Sciences, University of Alabama, Box 870268, Tuscaloosa, AL 35487-0268, Phone: 205.348.7007, Fax: 205.348.0272. www.as.ua.edu

Division C Grades 9-12 Olympiad Tournaments

Spring Hill College. February 26. Dr. Carolyn R. Simmons, Assistant Professor of Chemistry Spring Hill College, 4000 Dauphin Street, Mobile, AL 36608 csimmons@shc.edu

University of Alabama Birmingham. February 26. Miss Charlotte Kent, Box 210, Blount Hall, 1001 14th St. S. Birmingham, AL 35205. cmckent@uab.edu

University of Alabama at Huntsville. February 19. Mrs. Vanessa Colebaugh, 5019 Willow Creek Drive, Owens Cross Roads, AL 35763. (256) 922-5747 nessacita@comcast.net, <http://www.uah.edu/sciolympiad/index.php>

University of Alabama. February 12. Dr. Luoheng Han, Associate Dean and Professor, College of Arts and Sciences, University of Alabama, Box 870268, Tuscaloosa, AL 35487-0268, Phone: 205.348.7007, Fax: 205.348.0272. www.as.ua.edu
Becky Snow Bsnow@eng.ua.edu

State Science Olympiad Tournaments B and C

Huntingdon College. March 12. Divisions B and C, Dr. Sidney Stubbs, Assoc. Vice President for Institutional Assessment and Compliance and Professor of Mathematics stubby@huntingdon.edu and Dr. Jim Daniels, Assoc. Prof. of Biology, jdaniels@huntingdon.edu, 1500 E Fairview Ave, Montgomery, AL 36106 (334) 833-4430

2011 Science Olympiad National Tournament. May 18-21, 2011, University of Wisconsin-Madison, Co-tournament Directors: Van Valaskey veval@tds.net, Gary Graper graper@engr.wisc.edu 608-798-0240 <http://nso.wisc.edu/welcome.php>

State Director: Jane Nall, 31110 Wakefield Drive, Spanish Fort, AL 36527 (251) 621-2911, email drnall@hotmail.com

Alabama Science Olympiad web page: <http://aso.jsu.edu/>

National Science Olympiad web page: <http://soinc.org/about>

Respectfully submitted,
Jane Nall, State Director

B-11

Counselor to AAAS Report

No report submitted.

B. 12. Section Officers

B-12, I

Biological Sciences Section Report

The final numbers for Section I presentations at the 2011 meeting at Jacksonville are:

A total of 39 presentations

19 oral paper presentations

6 student competition entries

Judges:

Ketia Shumaker

Lori Tolley-Jordan

David Nelson

Kristin Bakkegard

20 posters

10 student competition entries

Judges:

Megan Gibbons
Ketia Shumaker
Malia Fincher
Ken Marion

Because there are fewer than 12 participants in each of these competitions, we will give 1 award for each “best student oral paper presentation” and “best student poster”.

Respectfully submitted,

Megan E. Gibbons, Section I Chair

B-12, II

Chemistry Section Report

No report submitted.

B-12, III

Physics and Mathematics Section Report

No report submitted.

B-12, IV

Engineering and Computer Science Section Report

We are pleased to have received 11 paper submissions and 4 poster submissions from a broad range of topics for our 2011 Section meeting.

Respectfully Submitted,
David Thornton

B-12, V

Social Sciences Section Report

There are seven papers and eleven posters scheduled for presentation in Section V – Social Sciences for the 88th annual meeting of the Alabama Academy of Science.

Respectfully submitted,
Richard A. Hudiburg, Chair

B-12, VI

Anthropology Section Report

No report submitted.

B-12, VII

Science Education Section Report

Three papers have been submitted for presentation in the Science Education section.

1. Astrobiology concepts integrated across the life sciences curriculum. *Roger A. Sauterer*, Dept of Biology, Jacksonville State University.
2. Development of a local comprehensive Alabama natural history program for adults. *Ellen W. McLaughlin*, Samford University.
3. In step with evolution: a classroom activity on DNA alignment and phylogeny reconstruction. *Jimmy Triplett*, Jacksonville State University.

Two posters have been submitted for presentation by their authors.

- *4. Engaging the student: the use of modeling and technology in the science classroom. *Warren T Jones*, Gypsy A Abbott, and Stephen A Watts, University of Alabama at Birmingham.
5. Integrated learning: Troy University common reading initiative and principles of biology. *Michael Wayne Morris*, Neil Billington, Jamie Burchill, Jonathan Catrett, Elizabeth Ensor, Janet Gaston, and Christi Magrath, Dept. of Biological and Environmental Sciences, Troy University.

*Denotes presentation entered in competition

In the business meeting, a Vice Chair for the 2011-2013 term will be elected and a discussion of ideas for recruiting more paper and poster presentations from local teachers and

college/university instructors.

Respectfully submitted,
Janet Gaston, Chair

B-12, VIII

Industry, Environmental, and Earth Science Section Report

No report submitted.

B-12, IX

Health Sciences Section Report

No report submitted.

B-12, X

Bioethics & History,/Philosophy of Science Section Report

We will meet on Thursday, March 03, 1:00 p.m. to 5:00 p.m. at Jacksonville State University in Jacksonville, AL.

4 papers will be presented. They are:

Pluripotent stem cells: finally an ethically uncontroversial source?. *James T Bradley*, Auburn University.

Evolution and religion: parallels, problems, and histories. *Samuel J Hirt*, Auburn University.

The moral responsibility of scientists. *Gerard Elfstrom*, Dept. of Philosophy, Auburn University.

Science and mythology: dual belief systems? *Clark E Lundell* and James T Bradley, Auburn University.

There was one poster submission:

*The misconception of health disparities. *Sheryce C Henley*, Sonni-Ali Miller, Floyd Davis, Cedric Lane, Christopher Ragland, Will Tarver, Dr. Timothy Turner, Tuskegee University, Tuskegee, AL.

No student paper competition entries.

One travel award applicant.

At the business meeting, we will discuss ways to seek broader participation in our section meetings.

Respectfully submitted,

Gerard Elfstrom, Chair

B-13

Executive Director Report

Since the last Executive Committee Meeting, my activities have focused on the following:

1. Coordinated with Brian Toone to have on-line submission of paper/poster titles and abstracts and executive committee reports for the annual meeting.
2. Worked with the President, Vice President and 2nd Vice President to update all committee appointments.
3. Worked with section chairs and the local arrangements chair in the development of the program and program booklet for the 88th annual meeting of the Academy.
4. Forwarded a draft version of the program booklet to all presenters to check for accuracy of paper/poster listings.
5. Worked with presenters and the local arrangement chair in making changes to the program booklet.
6. Forwarded the final version of the program booklet to Brian Toone for posting on the web on February 21, 2011 and forwarded the program to the local arrangements chair for printing.
7. Sent e-mails to all paper/poster presenters thanking them for their participation and notifying them of poster guidelines and the posting of the program on the web site.
8. Designed certificates for all Section paper/poster competition winners and forwarded the template to George Cline for printing.
9. Prepared the banquet program.

10. Developed a doodle.com site for intended participation in the Executive Committee dinner and meeting.
11. Prepared the committee chair report compilation and action items for posting and availability at the Spring Executive Committee meeting.
12. Worked with a local auditing firm to do a comprehensive audit of the Academy's financial status and records.

Respectively submitted,
Larry K. Krannich
Executive Director

C. Committee Reports

C-1

Local Arrangements Committee Report

No report submitted.

Finance Committee Report

The assets of the Academy as reported at the Fall Executive Committee meetings and Annual Spring meetings since 2001 are listed below.

Period	Assets (End of Period)	Change	Period	Assets (End of Period)	Change
1/1 – 10/12/2001	\$71,763		1/1 – 12/31/2001	\$75,813	
1/1 – 10/12/2002	\$72,197	\$434	1/1 – 12/31/2002	\$72,813	-\$3,000
1/1 – 10/12/2003	\$71,403	-\$794	1/1 – 12/31/2003	\$74,800	\$1,987
1/1 – 10/26/2004	\$74,265	\$2,862	1/1 – 12/31/2004	\$74,610*	-\$ 190
1/1 – 10/26/2005	\$63,895	-\$10,370	1/1 – 12/31/2005	\$65,561*	-\$9,049
1/1 – 10/26/2006	\$62,162	-\$1,733	1/1 – 12/31/2006	\$67,555*	\$1,994
1/1 – 10/31/2007	\$34,004	-\$28,158	1/1 – 12/31/2007	\$36,435*	-\$31,120
1/1 – 10/10/2008	\$25,618	-\$8,386	1/1 – 3/13/2009	\$28,989*	-\$ 7,446
1/1 – 10/14/2009	\$26,937	\$1,319	1/1 – 3/23/2010	\$26,814*	-\$ 2,175
1/1 – 10/1/2010	\$22,144	-\$4,793	1/1 – 2/14/2011	\$24,864*	-\$1,950

Our finances may be stabilizing but still hover near a decade low. The Academy needs to maintain realistic budgets to reflect this and should be ready to consider steps (i.e., dues increase, increased meeting registration fees, etc.) to augment revenue in the near future.

Ken Marion
Chair, Finance Committee

*estimated

Membership Committee Report

No report submitted.

Committee on Research Report

No report submitted.

C-5

Long-Range Planning Committee

Since the spring 2009 Executive Committee meeting, the Long Range Planning Committee has presented for items for consideration. These are: 1) the realigning of the sections of the Academy; 2) guidelines for the focus and financing of awards from the Academy; 3) a modest dues increase; and 4) use of Facebook by the Academy. The Executive Committee approved the first three items and, where necessary, changes in the constitution were made. The fourth item (utilization of Facebook as a tool to attract members and to communicate about AAS) was discussed. No action was taken on this item.

The Long Range Planning Committee will meet during the current 88th Annual Meeting in order to “brain-storm” on substantive issues to place before the Executive Committee for consideration at the fall 2011 meeting of the Executive Committee.

Respectfully submitted,
Adriane Ludwick, Chair
Anne Cusic
Ken Marion
Eugene Omasta

C-6

Auditing, Senior Academy Committee Report

Academy financial records are undergoing an outside audit.

C-7

Auditing, Junior Academy Committee Report

No report submitted.

C-8

Editorial Board & Associate Journal Editors Committee Report

No report submitted.

C-9

Place and Date of Meeting Committee Report

The location for the 2012 meeting has been designated as Tuskegee University, but an exact date has not been established.

To date, no potential hosts have volunteers to serve as the sites for the 2013, 2014, and beyond annual meeting of the Academy. Volunteers are urgently needed.

C-10

Committee on Public Relations Report

No report submitted.

C-11

Archives Committee Report

No report submitted.

C-12

Committee on Science and Public Policy Report

No report submitted.

C-13

Gardner Award & Fellows Committee Report

The committee selected a Gardner Awardee for 2011, who is Dr. J. Michael Wyss. Dr. Wyss is the Director of the UAB Center for OutReach Development (CORD) and plays a highly significant role in engaging Birmingham metropolitan students in hands-on science activities through teacher training and collaboration with the McWane Science Center.

The following individuals were selected as Fellows of the Alabama Academy of Science for 2011 and will be recognized at the banquet: James T. Bradley (Auburn University), Anne Cusic (University of Alabama at Birmingham), James B. McClintock (University of Alabama at Birmingham). All have distinguished themselves in science while residence of Alabama and in outstanding service to the Academy.

Respectively submitted,
Prakash Sharma, Chair

C-14

Carmichael Award Committee Report

Due to the late scheduled publication of issues 3 and 4 of Volume 81 of *The Journal of the Alabama Academy of Science*, the judging for the Emmett B. Carmichael Award for 2010 has been delayed.

The Committee will judge the published articles from the complete Volume 81 of the Journal. The decision of the committee will be communicated to the executive committee when it has been completed and the awardee(s) will be notified.

Appreciation is extended to the other members of the committee: Robert Pitt of University of Alabama, Larry Davenport of Samford University, and David Nelson of University of South Alabama.

Respectfully submitted,

Richard A. Hudiburg, Chair

Resolutions Committee Report

The following resolution needs to be approved and presented at the banquet:

A Resolution of

Thanks to Jacksonville State University

To honor and recognize Jacksonville State University and the Local Arrangements Committee for their outstanding efforts in hosting the 2011 Annual Meeting of the Alabama Academy of Science,

March 2-4, 2011.

Whereas, Jacksonville State University Professors Drs. George Cline, James Rayburn, and Mark Meade did chair the Local Arrangements Committee and coordinated all arrangements for the highly successful 2011 meeting.

Whereas, Jacksonville State University Administration did support the meeting with superb facilities in Martin Hall and the Houston Cole Library

Whereas, Jacksonville State University did provide outstanding hospitality throughout the meeting

Whereas, Jacksonville State University faculty and staff generously provided their time to assure the success of the meeting

Whereas, Jacksonville State University did coordinate an excellent awards banquet

Now, therefore,

Be it resolved by the Alabama Academy of Sciences Resolution Committee, its executive committee concurring:

That the membership of the Alabama Academy of Sciences, by this resolution,

honors and recognizes Jacksonville State University and the local arrangements committee for their outstanding efforts in organizing and conducting the 88th Annual meeting of the Alabama Academy of Sciences, March 2-4, 2011.

Be it further resolved that a copy of this resolution be forwarded to Jacksonville State University.

Nominating Committee Report

Officers

<u>Position</u>	<u>Term</u>	<u>End</u>	<u>First Name</u>	<u>Last Name</u>	<u>Motion & Comment</u>
Second Vice-President	2011		Emmanuel	Waddell	accepts nomination
State Counselor to the Junior Academy	2011		Catherine	Shields	re-appointment; interim basis
Trustee	2011		Ken	Marion	re-appointment
Trustee	2011		Prakash	Sharma	re-appointment
Trustee	2011		James	Bradley	no reply
Trustee	2011		David	Nelson	no reply
Associate Counselor to the Junior Academy	2012		Mary	Williams	accepts nomination

Committees (see table on next page)

<u>Committee</u>	<u>Position</u>	<u>First Name</u>	<u>Last Name</u>	<u>Term Ends</u>	<u>Motion & Comment</u>
Archives	Chair	Troy L.	Best	2011	reappointment
Auditing Senior Academy	Chair	Robert	Angus	2011	reappointment
Auditing Junior Academy		Henry	Barwood	2011	no reply
Auditing Junior Academy		Govind	Menon	2011	reappointment
Budget and Finance	Chair	Ken	Marion	2011	reappointment
Budget and Finance		Ellen	Buckner	2011	reappointment
Budget and Finance		Brian	Burnes	2011	reappointment
Budget and Finance		Mickie	Powell	2011	reappointment
Budget and Finance		Janie	Gregg	2011	reappointment
Budget and Finance		Bettina	Riley	2011	reappointment
Budget and Finance		Catherine	Shields	2011	reappointment; interim basis
Editorial Board: (staggered 3-yr terms)		Prakash	Sharma	2011	reappointment
Electronic Media: (3-yr terms)	Associate Editor	Richard	Hudiburg	2011	reappointment
Electronic Media: (3-yr terms)	Associate Editor				vacant
Emmett B. Carmichael Award: (staggered 2-yr terms)					vacant
Gorgas Scholarship Program: (staggered 3-yr terms)		Prakash	Sharma	2011	reappointment
Gorgas Scholarship Program: (staggered 3-yr terms)		Diane	Tucker	2011	reappointment
Gorgas Fellow		Mark	Jones	2011	reappointment
Junior Academy:	Chair	Catherine	Shields	2011	reappointment; interim basis
Local Arrangements at Tuskegee University	Chair	Prakash	Sharma		accepts nomination
Local Arrangements at Tuskegee University	Vice Chair	Akshaya	Kumar		accepts nomination
Long Range Planning: (staggered 4-yr terms, committee elects chair)		Eugene	Omasta	2011	no reply
Mason Scholarship (staggered 3-yr terms)		Jane	Roy	2011	no reply
Place and Date of Meeting: (5 members, staggered 5-yr terms)		Larry	Krannich	2011	reappointment vacant
Public Relations: (staggered 4-yr terms)		Ellen	Buckner	2011	reappointment
Public Relations: (staggered 4-yr terms)		Ken	Marion	2011	reappointment
Public Relations: (staggered 4-yr terms)		Virginia	Valardi	2011	reappointment
Regional Science Fairs:	Chair	George	Cline	2011	reappointment
Research: (5 members with staggered 5-yr terms)	Chair	Yong	Wang	2011	reappointment
Research: (5 members with staggered 5-yr terms)	Chair	Scott	Brande	2011	reappointment
Science and Public Policy:		Steven	Carey	2011	no reply
Science and Public Policy:		Boakai	Robertson	2011	no reply
Science and Public Policy:		James	Bradley	2011	no reply
Science Olympiads:	Chair	Jane	Nall	2011	reappointment
Steering:		Brian	Thompson	2011	reappointment
Steering:		Bettina	Riley	2011	reappointment
Steering:		Janie	Gregg	2011	reappointment
Place and Date of Meeting: (5 members, staggered 5-yr terms)	Chair	vacant	vacant	2012	vacant
Budget and Finance		David	Frings		accepts nomination
Gorgas Scholarship Program: (staggered 3-yr terms)		Vacant	vacant		vacant
Gorgas Scholarship Program: (staggered 3-yr terms)		vacant	vacant		vacant
Regional Counselors:		Vacant			vacant
Regional Counselors:		vacant			vacant
Regional Counselors:		Vacant	vacant		vacant
Regional Counselors:		Vacant	vacant		vacant
Resolutions:		Ketina	Schumaker		accepts nomination

Respectfully submitted,
Ron Hunsinger, Second Vice
President

C-17

William H. Mason Scholarship Committee Report

This year we have had six complete applications submitted for the \$1,000 William H. Mason Fellowship. The Committee reviewed the application material and selected Cory Goble as the 2011 scholarship recipient. He will be enrolling in the Alternative Masters Program in Education at the University of Montevallo.

I greatly appreciate the service of reviewing in the applications performed by Committee members Mel Blake, Malcolm Braid , Loretta Cormier, Charles Eick, and Jane Roy.

Respectfully submitted,
Michael B. Moeller, Chair

C-18

Gorgas Scholarship Committee Report

In 2011, the Gorgas Scholarship Competition continued to seek ways to grow the organization of science clubs and entrants to the competitions. Mark T. Jones, PhD, NBCT, began the year as the AJAS-Gorgas Teacher Fellow. He presented sessions at the Alabama Science Teacher Association meeting and has worked to develop connections in several areas. His report and upcoming plans are attached.

This year, one Gorgas Finalist is a semi-finalist in the national Intel Science Talent Search. Numerous scientists participated as judges in paper reading preliminary scoring and others will be judging the final competition. Thanks to all for their efforts on behalf of the Gorgas Scholarship Competition. The finals of the Gorgas Competition will be held Friday, March 4th, in 11th Floor, Houston Cole Library on the Jacksonville State University campus. The

competition will begin at 8:00 and awards announced at the Awards reception at 3:00 pm. Members of the AAS are invited to view the Gorgas posters during the lunch session from 12:00-1:00. The Committee would like to thank Dr. George Cline for his excellent assistance in preparations for the Gorgas competition and recruitment of judges from Jacksonville State University.

We have received the offer of additional scholarships from Samford University and they have been added to the list. We also received an increase of the scholarship from Auburn University. Both of these include a full tuition scholarship for the winner of the Gorgas Competition. Thank you to these institutions!

The Committee would like to recognize the many outstanding teacher-sponsors of the students. Their work in encouraging students to enter the competition is instrumental to both the success of the program and to the success of the students.

Respectfully submitted,
Ellen Buckner, Chair

C-19

Electronic Media Committee Report

Website:

I have made a number of routine updates to the website (announcements, etc...) as well as these below:

Spring Executive Report Submission Page

I updated the report submission page to gather reports for this Spring 2011 executive meeting.

Online Membership Application

As of Tuesday, February 22nd, **99 people** have up-to-date memberships through the paypal system. Of these, there are 25 people whose membership will expire before April 2011.

Current PayPal balance: **\$2,202.35**

Respectfully submitted,

Brian Toone
Electronic Media

D

D. Old Business

E

E. New Business

Discussion of the current AJAS situation and absence of funding from JSHS for 2011.

F

F. Adjournment