

ARKANSAS ACADEMY OF SCIENCE

Fifty-Second Annual Meeting

Arkadelphia, Arkansas

April 5-6, 1968

OFFICERS

President	Dr. John J. Chapman
President-Elect	Dr. Arthur Fry
Secretary	Dr. George Templeton
Treasurer	Dr. John P. Jones
Editor	Dr. Lester C. Howick

SECRETARY'S REPORT

The first business meeting was called to order by President Chapman at 10:45 a.m. The members were welcomed to the campuses of Ouachita Baptist University and Henderson State College by Dr. Ralph A. Phelps, Jr., President of Ouachita Baptist University.

President Chapman called for a report of the officers:

SECRETARY:

It was moved by Dr. Howard Moore that the reading of the minutes of the fifty-first annual meeting be dispensed with since they were published in the proceedings. The motion was seconded by Mrs. Broach and the motion passed.

TREASURER:

The following financial statement and summary was submitted and discussed by Dr. J. P. Jones who then moved that this report be accepted. It was seconded by Dr. H. J. Walters and passed.

FINANCIAL STATEMENT

Balance on hand April 1, 1967	\$1670.19
Reserve Fund	500.00
	2170.19
Total Assets	
Receipts — April 1, 1967 — March 31, 1968	2170.19
1. Dues	997.00
2. Sales of Proceedings	100.00
3. Overhead VSP program NSF	721.59
4. Reimbursement from NSF for secretary	106.20
5. AAAS — High school research grants	200.00
	2124.79
Total	
Disbursements — April 1, 1967 — March 31, 1968	
1. U. of A. Bookstore — Supplies	3.03
2. Talent Search — Edward Whitfield	9.55
3. Talent Search — Johnny Shipman	15.00
4. Talent Search — Wanda Smith	9.55
5. U. of A. Bookstore — Supplies	10.20
6. AAAS — Annual Contribution 1967	5.60
7. Science News — Subscriptions Talent Search Winners	19.50
8. U. S. Printing Office — Booklet	2.00
9. Howard Moore — Expenses Jonesboro Meeting	58.10
10. Southwest Printing Co. — Academy Letterheads	29.82
11. Ward and Mooney Law Offices — Amending Incorporation	75.00
12. U. of A. Bookstore — Supplies	7.15
13. Janis Conrad — Salary (VSP Secretary)	53.10
14. Janis Conrad — Salary (VSP Secretary)	53.10
15. U. of A. Bookstore — Supplies	.31
16. Paul Raines — Expenses Jr. Academy	400.00
17. Jr. Academy Research Grant — John Gillean	16.00
18. Jr. Academy Research Grant — Tom Clark	50.00
19. Jr. Academy Research Grant — Ramona Rice	15.25
20. Jr. Academy Research Grant — Connie Hasty	25.00
21. Jr. Academy Research Grant — Greg Miller	30.00
22. Jr. Academy Research Grant — Robert Matthews	24.00
23. Jr. Academy Research Grant — Michael Kieck	40.00
24. AAAS — Annual Contribution 1968	6.00
25. Jones Truck Lines — Freight for Proceedings	3.50
26. AAAS — Dues 1968	10.00
27. Ark. Alumni Assoc. — Postage mailing Proceedings	29.56
28. G. E. Templeton — Freight 1968 meeting material	2.75
29. Yoes Printing Co. — 400 copies Proceedings	954.02
30. Southern State College — Postage meeting announcements	50.50
31. Marilyn Johnson — Postage	5.00
32. U. of A. Library — Xerox copies of financial statements	5.25
	2017.84
Total	
	\$2017.84

FINANCIAL SUMMARY

Original Balance	\$1670.19
Receipts	2124.79
Total Receipts	<u>3794.98</u>
Less Disbursements	2017.84
Balance	<u>\$1777.14</u>
Reserve Fund	500.00
Interest on Reserve Fund	17.64
Total Assets April 1, 1968	<u>\$2294.78</u>

DIRECTOR OF VISITING SCIENTIST PROGRAM:

The secretary reported that it had become necessary to terminate the Visiting Scientist Program after having completed only 28 of the proposed 125 visits due to lack of funds available from the sponsoring organization, The Valley Education and Research Foundation.

DIRECTOR OF THE JUNIOR SCIENCES AND HUMANITIES SYMPOSIUM:

Dr. Eugene Wittlake summarized the development and operation of the second Junior Sciences and Humanities symposium held in Little Rock on November 30, and December 1, and 2, which was sponsored by the Arkansas Academy of Science, the U. S. Army Research and Development Office, the Pine Bluff Arsenal - U. S. Army, the Arkansas Power and Light Company, Arkansas State University with cooperation of the University of Arkansas Medical Center and Graduate Institute of Technology. Dr. Wittlake expressed his appreciation to the planning board for their efforts in making this year's program a success. Members of the board were: Miss Ruth Armstrong, Dr. Howard Moore, Mr. Paul Raines, Lt. Robert A. Brutram, Dr. Florence McCormick, Mr. Elmer Mayes, Mr. Carl Born and Mr. Freeman Thomas. The operation of the program was similar to that described in the minutes of the Fifty-First Annual Meeting (Proceedings Volume 21) and it will again send six students to the National symposium at the University of Iowa. A total of 98 students and 43 teachers participated in the program.

Dr. Wittlake announced that the program was to be continued, upon Academy approval, and some \$700 matching funds had been solicited to date for this project.

THE ARKANSAS BIOLOGY CURRICULUM DEVELOPMENT CONFERENCE:

Mr. Robert Kirkwood reported for Dr. Neal Buffaloe that the ABCD Conference had been held in cooperation with the Committee for Undergraduate Education in Biological Science (CUEBS). He indicated that the participants had a meaningful and productive conference and were planning another conference for the Fall of 1968 at Hendrix College.

LEADERSHIP CONFERENCE ON SCIENCE — A PROCESS APPROACH:

Dr. Denver Prince expressed his appreciation for being selected to represent Arkansas at this leadership conference and discussed briefly the merits of this system for teaching science in the elementary schools. He indicated a more complete discussion would follow in the Science Education Section.

THE PRESIDENT

Dr. Chapman inquired as to the status of the charter amendment and application for tax exempt status and it was explained by the secretary that our application was currently being reviewed by the Internal Revenue Service.

Dr. Chapman appointed the following committees:

1. Meeting place for 1970 — Dr. James Fribourgh and Dr. Howard Moore.
2. Nomination Committee — Dr. Dwight M. Moore and Dr. Eugene Wittlake.
3. Audit Committee — Dr. Mink and Mrs. Billie Broach.

Dr. Chapman reported that he had appointed a committee to select persons to become fellows in the AAAS and had suggested to them to select 2 per year. He also suggested that this committee become a standing committee of the Academy with rotating membership.

Dr. Chapman reported that the newly activated section of archeology was functioning this year under Mr. James Sholtz and there had been a proposal for the formation of a section on Geography.

A proposal for submission to NSF for a program of curriculum improvement in secondary schools has been prepared by Dr. Chapman for consideration by the Academy.

DR. MULLINS LETTER OF INVITATION:

President-elect Fry read a letter to the Academy from Dr. David W. Mullins, President of the University of Arkansas, inviting the Academy to have its next annual meeting (1969) on the campus of the University of Arkansas, at Fayetteville.

The meeting was adjourned.

SECOND BUSINESS MEETING

The second business meeting was called to order by President Chapman at 1:00 p.m., April 6, 1968. He then called for a report of the committees:

MEETING PLACE FOR 1970

Dr. Fribourgh reported that the committee in consultation with E. E. Hudson from Arkansas Tech had selected the Tech campus at Russellville for the 1970 meeting of the Academy. Mrs. Billie Broach moved that the report be accepted, it was seconded by Dr. Lowell Bailey and the motion passed.

NOMINATING COMMITTEE:

Dr. Dwight Moore reporting for the nominating committee nominated Mr. M. L. Lawson for President-Elect. Mr. Ronald McGee moved that the nomination cease and that Mr. Lawson be elected by acclamation. It was seconded by Dr. Bailey and the motion passed.

AUDIT COMMITTEE:

Dr. Mink reported that his committee had examined the treasurer's report and found it to be true and accurate. Dr. D. M. Moore moved that this report be accepted, it was seconded by Dr. P. M. Johnston and passed.

AAAS FELLOWS COMMITTEE:

Dr. Frances Clayton reported for this committee which consisted of Dr. George Bradley, Dr. Paul Sharrah, and Dr. Francis Clayton. Dr. Clayton explained that the committee had selected two nominees as per their instructions from the president but felt that at least six other persons warranted this nomination. It was moved by Dr. Clayton that all eight names be submitted. It was seconded by Dr. Walter Meyer. After some discussion, the motion passed.

Dr. Clayton then read the list of persons the committee had selected:

1. Dr. L. F. Bailey
2. Dr. Neal Buffaloe
3. Dr. Arthur Fry

4. Dr. Howard Moore
5. Dr. Catherine Carroll
6. Dr. James Fribourgh
7. Dr. John Chapman
8. Dr. Samuel Siegel

Mr. Ronald McGee moved that the report of the committee be accepted. It was seconded by Dr. Walter Meyer and the motion passed.

Dr. Chapman explained that the committee would be responsible for making their nominations to AAAS and selecting a successor to replace Dr. Bradley who would be rotated off the committee.

There was a discussion of the proposal developed for submission to NSF for operation of a program for curriculum improvement in secondary schools. After considerable discussion including a suggestion to consult with the State Department of Education on this matter, it was moved by Dr. Arthur Fry that the executive committee be impowered to revise the proposal as it deems desirable and submit it to the NSF in the name of the Academy. The motion was seconded by Dr. Bailey and the motion passed.

NEW BUSINESS:

The question was raised as to the desirability of continuing the co-sponsorship of our Annual meeting with the Valley Education and Research Foundation and after considerable discussion, it was moved by Dr. Fry that the question of continued co-sponsorship of the Arkansas Academy of Science meetings by the Valley Education and Research Foundation be decided by the executive committee. The motion was seconded by Dr. Wilbur Everett and the motion passed.

President-elect Fry then asked for some discussion of the various activities of the Academy and their relative merits in promoting science in the state. After considerable discussion, Dr. Fry moved that the Arkansas Academy of Science at its 52nd annual meeting reiterate its strong support of and its sincere desire to continue the High School Visiting Scientist Program if appropriate financial support can be obtained. The motion was seconded by Dr. Meyer and the motion passed. Dr. Fry then moved that the officers of the Academy be requested and urged to circularize (1) the former Visiting Scientists (2) the high schools which have participated in the Visiting Scientist program and (3) a selected part or all of the members of the Academy, concerning the effectiveness of and the desirability of continuing the Visiting Scientist program under various financial contingencies. The motion was seconded by Dewey Sifford and the motion passed.

Dr. Chapman then discussed a letter he had written to Representative Wilbur Mills urging him to consider legislation to exempt certain scientific publications from taxation by the Internal Revenue Service. There was considerable discussion of this matter but no action was taken.

There was considerable discussion on the participation in the Academy by persons in industry in the state. Dr. Fry moved that the executive committee be authorized to establish additional sectional meetings on a provisional basis, subject to ratification at the next annual meeting. It was seconded by Dr. Sharrah and the motion passed.

Dr. Bailey pointed out that the revitalization of the Junior Academy this year had been due to the leadership of Mr. Paul Raines. He moved that the Academy express its appreciation to Mr. Raines for his efforts in this matter. It was seconded by the Secretary and the motion passed.

Dr. Fribourgh felt that the Academy's appreciation should be expressed to Ouachita and Henderson for the fine facilities and arrangements for this meeting. He so moved. The motion was seconded by Dr. Howard Moore and was passed.

Dr. Chapman then turned the meeting over to Dr. Fry who called for adjournment.