

1984

## 68th Annual Meeting, 1984. Secretary's Report and Financial Statement

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# ARKANSAS ACADEMY OF SCIENCE

Volume XXXVIII

1984

## Proceedings

Paul Sharrah  
President

William L. Evans  
President-Elect

Gary Heidt  
Vice-President

David M. Chittenden  
Secretary

Arthur Johnson  
Treasurer

Henry Robison  
Historian

## Secretary's Report

### MINUTES OF THE SIXTY-EIGHTH ANNUAL MEETING — 6-7 APRIL 1984

#### FIRST BUSINESS MEETING

Dr. Paul Sharrah, President, opened the meeting and introduced Dr. James Halligan, interim Chancellor of UAF, who welcomed the Academy to the Fayetteville campus.

President Sharrah recognized Dr. Robbin Anderson who reminded the membership of the Science Education Symposium. Dr. William Evans, local arrangements chairman, summarized the meeting events.

President Sharrah recognized Dr. David Chittenden, Secretary, who presented the minutes of the 67th annual meeting as printed in the *Proceedings*.

Dr. Sharrah then recognized Dr. Arthur Johnson, Treasurer, who presented the following Financial Report.

#### FINANCIAL STATEMENT

March 11, 1983 to March 12, 1984

1. Annual Meeting, UCA, April 1-2, 1983		
a. Registration	\$ 1,040.00	
b. Banquet Tickets	643.75	
Total Meeting Income	1,683.75	\$ 1,683.75
2. Individual Memberships		
a. Regular (286)	2,860.00	
b. Sustaining (31)	417.00	
c. Sponsoring (6)	250.00	
d. Life (2)	400.00	
e. Associate (8)	40.00	
Total Individual Memberships	3,967.00	3,967.00
3. Institutional Dues ( )		1,200.00
4. PROCEEDINGS, Subscriptions		1,112.50
5. PROCEEDINGS, Page Charges		1,940.00
6. PROCEEDINGS, Miscellaneous Sales		172.19
7. BIOTA Receipts		52.09
8. Arkansas Collegiate Academy of Science		53.86
9. Interest (First State Bank & Trust Co.)		
a. TOTAL Account	\$ 154.26	
b. Certificates of Deposit	213.58	
c. Savings Account	13.24	
Total Interest	381.08	381.08
<b>TOTAL INCOME</b>		<b>\$10,562.38</b>

1. PROCEEDINGS, Publication and Distribution		
a. IAS (#127)	\$ 26.65	
b. Jones Truck Lines (#131)	35.35	
c. Phillips Litho Co., Inc. (#133)	2,700.00	
(#136)	1,733.28	
(#140)	800.00	
d. Ark. State Dept. of Finance and Administration (#146)	1.40	
Total	\$ 5,291.69	\$ 5,291.69
2. Meeting Expenses (UCA Statement)		
a. Postage and Mailing	\$ 34.18	
b. Duplication of Programs	324.44	
c. Name Tags	26.21	
d. Refreshments	192.65	
e. Banquet	803.25	
f. Cash Handling Discrepancy	5.75	
Total	\$ 1,386.48	1,386.48
3. Awards		
a. Rebecca Sue Sample (#129)	\$ 35.00	
b. Timothy Jay Groseclose (#130)	30.00	
c. Ark. Jr. Acad. Sci. (#144)	200.00	
Total	\$ 265.00	265.00
4. Operating Costs		
a. Treasurer's Office		
1) Coleman's Office Supply (#128)	\$ 18.85	
(#130)	13.73	
2) Postage (#139)	20.00	
3) Instaprint (#143)	15.60	
b. Secretary's Office (#134)	125.00	
(#149)	100.00	
c. Newsletter		
1) UALR Biol. (#141)	44.56	
(#147)	14.58	
2) Copy Cat (#142)	114.40	
(#148)	114.97	
d. Ad Craft of Arkansas (#132)	62.25	
e. Ark. Collegiate Acad. Sci. (Insuff. Funds)	53.86	
f. BIOTA Printing (#135)	86.14	
g. Nat. Assoc. Acad. Sci. (#137)	25.00	
h. Douglas James (#145) Overpaid	10.00	
i. Ark. Lib. Comm. Ret. Sales Tax (#150)	4.50	
Total	\$ 823.44	823.44
<b>TOTAL EXPENSES</b>		<b>\$ 7,766.61</b>

Dr. Rick McDaniel, Editor of the *Proceedings*, presented a short synopsis of this year's edition and then moved that \$500 be appropriated for editorial assistance and \$120 for travel during the preparation of Volume 38. The motion will be voted on in the Second Business Meeting. (The motion was seconded.)

Dr. John Rickett, Editor of the Newsletter, reported that two editions of the Newsletter will again be published next year. He moved that \$335 be appropriated for the Newsletter in 1984-85. The motion was seconded. It will be voted on in the Second Business Meeting.

The Nominating Committee presented the following candidates for office:

For Vice President: Dr. Ed Bacon - UAM  
Dr. Gary Tucker - ATU

For Secretary: Dr. Walt Godwin - UAM

John Peck, Chairman of the Arkansas Science Talent Search, reported that first prize in the 1984 Search had been won by Deborah Renay Fisher of Sheridan and the second place prize by Jon Anthony Davenport of White Hall. It was moved that the Academy continue to provide \$35 for first prize and \$30 for second prize for the 1985 Search. The motion was seconded. It will be voted on in the Second Business Meeting.

Leo Paulissen, Chairman of the Committee on Endowments, reported that initial contacts had been made with potential contributors and that the committee was optimistic that some funding was forthcoming. Efforts will be made to cover the state at a later date.

Marie Arthur, Director of the Junior Academy, reported that interest had increased in the Junior Academy and thus the number of regions had been increased from four to eight. A motion was made to continue the support of the Junior Academy at a level of \$200. The motion was seconded. The motion will be voted on in the Second Business Meeting.

Art Johnson presented the report of Michael Rapp, Director of the Arkansas Science Fair Association. It was moved that the Academy again appropriate \$100 for the support of the Science Fair. The motion was seconded. It will be voted on in the Second Business Meeting.

It was announced that the Academy had two invitations for the location of the 1986 meeting, from Ouachita Baptist University and from the University of Arkansas at Little Rock. The invitations were referred to the Meeting Site Committee. The membership was reminded that the 1985 meeting would be held at the University of Arkansas at Monticello.

President Sharrah adjourned the First Business Meeting.

#### SECOND BUSINESS MEETING

President Sharrah recognized David Chittenden, Secretary, who made the following motion.

I move that the Minutes of the 67th Annual Meeting, published in the 37th *Proceedings* of the Arkansas Academy of Science be approved as written.

The motion was seconded and passed.

It was moved and seconded to accept the Treasurer's Report. Dr. Arthur Fry presented the following report from the Audit Committee.

The Audit Committee has examined the financial records of the Academy and finds them to be in good order. All receipts and expenditures are adequately accounted for and the books are in balance.

It was moved and seconded to accept the report of the Audit Committee. This motion passed. The motion concerning the Treasurer's Report passed.

The motions, made at the First Business Meeting, concerning funding were passed. These included the appropriations for

Junior Academy of Science  
Arkansas Science Fair Association  
Science Talent Search  
*Proceedings*  
Newsletter

Tom Palko reported that 108 papers had been submitted for the Junior Science and Humanities Symposium. Fifteen were read and five won a trip to the University of Wisconsin-LaCrosse.

Gary Heidt reported that the Undergraduate Awards has been won by

Robert Roundtree - UALR -  
Comparative Study of the Diving Physiology of Reptiles

William Bednar - UAF - Irradiation of Dienes

Ballots were distributed for the vote for the offices of Vice President and Secretary. Those elected were

Vice President - Edmond Bacon  
Secretary - Walt Godwin

The Meeting Site Committee recommended Ouachita Baptist University as the site for the 1986 meeting since OBU will be celebrating their centennial in that year. The Committee expressed its hope that UALR will extend an invitation for the 1987 meeting.

Leo Paulissen, reporting for the Biota Survey, announced that there were new checklists on mosses and beetles.

J. Kenneth Beadles, chairman of the Resolutions Committee, moved the adoption of the following resolution.

Be it resolved:

The members of the Arkansas Academy of Science express their gratitude to William L. Evans, President-Elect of the Academy, and to the other members of the local arrangements/program committee, Walter L. Manger and Lester C. Howick - for the precise planning of the meeting and for their efficient implementation of those plans. Also, the Academy thanks P. M. Johnston and other members of the faculty for their hospitality. Appreciation is expressed to the citizens of Fayetteville and the administration of the University of Arkansas for the use of the Continuing Education Center.

The Academy appreciates the efforts of each standing committee for their contributions to a very smooth and eventful year. To be noted are Robbin Anderson, Leo H. Bowman and Neal D. Buffaloe (Science and Mathematics Education), Joe M. Guenter, Jewel Moore and E. E. Dale (Nominating Committee), John Peck and Leo J. Paulissen (Arkansas Science Talent Search), Gary Heidt (Undergraduate Awards), Michael Rapp and Robert T. Kirkwood (Science Fair), Art Fry, J. H. Fribourgh and M. L. Lawson (Audit Committee), and Leo Paulissen, George Harp, Gary Heidt, Henry Robison, Arthur Johnson, and Gary Tucker (Arkansas Biota Survey Committee), Leo Paulissen (Endowment Committee), and George Templeton and Joe Guenter (Meeting Site Committee).

The Academy appreciates the efforts of the section chairman and recognizes that they play an important role in conducting the meeting. To be noted are Ken Beadles (Aquatic and Environmental), Gary Tucker (Botany), Neil

Allison (Chemistry I), Robert Steinmer (Chemistry II), Victor Vere (Geology), Peggy Dorris (Invertebrate Zoology), A. L. Barron (Microbiology and Immunology), John A. Sealander (Vertebrate Zoology), James L. Wickliff (Botany II), John Sorenson (Parasitology and Biomedicine), Neal Buffaloe (Science Education) and Gary Heidt (Vertebrate Zoology II). The members of the Academy rely heavily upon the officers to implement the programs. We extend our thanks to Paul C. Sharrah, President; William L. Evans, President-Elect; David Chittenden, Secretary; Gary Heidt, Vice President; Arthur Johnson, Treasurer; V. Rick McDaniell, *Proceedings* Editor; John Rickett, Newsletter Editor; and to Henry Robison as Historian.

We also express our gratitude to the directors of the various science activities which are supported by the Arkansas Academy of Science: Robert Wright, Pat Howerton, Mike Rapp, and Robert Kirkwood, Co-directors of the Arkansas State Science Fair; Tom Palko, Director of the Junior Science and Humanities Symposium; and to Wayne Everett, Liaison Officer for all supported activities.

Special thanks are extended to Derek Sears for presenting the public lecture "Meteorites of Arkansas".

We also express our thanks to Sargent-Welch and Advanced Scientific Inc. for exhibiting some of their products at this sixty-eighth meeting of the Arkansas Academy of Science.

The motion was seconded and passed.

William Evans presented a plaque to the Secretary on his retirement from office.

President Sharrah turned the gavel over to President-Elect Evans. President Evans adjourned the Second Business Meeting.

Respectfully submitted,

David M. Chittenden  
 Secretary

**REGULAR MEMBERS**

Robert T. Allen	University of Arkansas	Dale Ferguson	University of Arkansas at Little Rock
Neil T. Allison	University of Arkansas	E. P. Floyd	E. P. Public Health Service (Retired)
Charles Angel	University of Arkansas for Medical Sciences	Thomas L. Foti	Oakleaf Institute Inc.
John T. Annulis	University of Arkansas at Monticello	Robert Franke	University of Arkansas at Little Rock
Michael L. Armstrong	Arkansas Fish and Game Commission	Richard A. Frietsche	U. S. Fish and Wildlife Service
Marie E. Arthur	Hagnot Cove High School (Retired)	Roy Z. Gehring	Arkansas State University
Dennis A. Bazyena	University of Arkansas at Little Rock	Collis R. Getem	University of Arkansas
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Steve Baker	Arkansas Game and Fish Commission	Walter E. Godwin	University of Arkansas at Monticello
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Wilson Broach	University of Arkansas at Little Rock	Nancy M. Heisa	University of Arkansas
Arthur V. Brown	University of Arkansas	Mustafa Hummat	Arkansas Tech University
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Maxine H. Manley		Mark Schran	University of Arkansas
Ali Mansouri	University of Arkansas for Medical Sciences	John A. Sealander	University of Arkansas
Horace N. Marvin	University of Arkansas for Medical Sciences	Derek W. G. Seare	University of Arkansas
Dan Mathews		Stephen Sewell	
H. Michael Matthews	University of Arkansas for Medical Sciences	Elwood B. Shade	University of Arkansas at Monticello (Retired)
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Harlan McMillan	Arkansas Tech University	Kimberly G. Smith	University of Arkansas
Lawrence A. Mink	Arkansas State University	Edwin B. Smith	University of Arkansas
Ronald K. Mitchum	National Center for Toxicological Research	Kenneth L. Smith	Arkansas Natural History Commission
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Tom Palko	Arkansas Tech University	Les Tochrans	University of Arkansas at Pine Bluff
Bryan D. Palmer	Henderson State University	Gary Tucker	Arkansas Tech University
David W. Paul	University of Arkansas	Victor Vero	Arkansas Tech University
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Mark A. Paulissen	University of Oklahoma	David L. Vosburg	Arkansas State University
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Randy Cox	University of Arkansas	Yvonne Shao	University of Arkansas at Monticello

#### SUSTAINING MEMBERS

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