

1982

## 66th Annual Meeting, 1982. Secretary's Report and Financial Statement

Academy Editors

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# ARKANSAS ACADEMY OF SCIENCE

Volume XXXVI

1982

## Proceedings

John K. Beadles  
President

Robbin C. Anderson  
President-Elect

David M. Chittenden  
Secretary

William L. Evans  
Treasurer

Robert T. Kirkwood  
Historian

## Secretary's Report

### MINUTES OF THE SIXTY-SIXTH ANNUAL MEETING — 2-3 APRIL 1982

#### FIRST BUSINESS MEETING

Dr. J. Kenneth Beadles, President, opened the meeting by introducing Dr. Peggy Dorris, local arrangements chairman for HSU who, in turn, introduced Dr. Joe Wright, Dean of Science, HSU. Dr. Wright welcomed the Academy on behalf of Henderson State University.

President Beadles recognized Dr. David Chittenden who presented the minutes of the 65th annual meeting as printed in the *Proceedings*

President Beadles presented the following motions concerning the Collegiate Academy that were presented by the Collegiate Academy committee, John Bridgman, chairman:

It is moved that

1. The Collegiate Academy of Science be merged into the Arkansas Academy of Science.
2. A new category of membership be established, Undergraduate Members. Members in this category will have reduced membership dues and they will be awarded a free copy of the *Proceedings* should they present a paper at the Annual Meeting. Otherwise they may purchase a copy of the *Proceedings* for a reduced price of \$5.00.
3. Membership dues for this membership class will be set at \$5.00 to take effect on January 1, 1983.

The motion was seconded. It is to be voted on at the Second Business Meeting.

To institute these motions it is necessary to amend the Constitution. It was moved to amend the Constitution and By-laws as follows:

1. Article III, Section 2 will be changed to read "There shall be two classes of membership in the Academy: Members (Regular, Sustaining, and Undergraduate) and Institutional Members".
2. Article IV will be amended to delete all references to advisors and officers of the Collegiate Academy.
3. Section 10 of the By-laws will be changed so that "Dues for Members (Sustaining, Regular) shall be set . . ." shall become "Dues for Members (Sustaining, Regular, and Undergraduate shall be set . . .".

The motion was seconded. It is to be voted on at the Second Business Meeting.

Dr. William Evans was recognized for the Treasurer's Report. The financial statement and summary of income and disbursements are shown at right.

#### Financial Statement

March 24, 1982

|  |            |
|--|------------|
| Cash Balance, Checking Acct., McIlroy Bank, March 31, 1981 | \$2,466.35 |
| Heritage S & L Certificates (2 1/2 yr, 10.65%)             | 1,128.40   |
| Heritage S & L Passbook Acct. (5.50%)                      | 1,112.34   |
| Undeposited Checks (3/31/81) Deposited 4/7/81              | 42.00      |
| Total Funds, March 31, 1981                                | \$4,749.09 |
| Interest Reclaimed by McIlroy (See Letter from McIlroy)    | -1.20      |
| Total Funds, April 1, 1981                                 | \$4,747.19 |

#### INCOME April 1, 1981 through March 24, 1982

|                                      |            |            |
|--------------------------------------|------------|------------|
| 1. Meeting, UALR, April 17-18, 1981  |            |            |
| a. Dues (12 Sust., 89 Reg)           | \$1,034.00 |            |
| b. Registration                      | 358.00     |            |
| c. Picnic                            | 486.00     |            |
| d. Page Charges + 3 PROCEEDINGS      | 135.00     |            |
| e. Exhibitors Fees                   | 125.00     |            |
| f. Non-receipted Income              | 102.00     |            |
| Total Meeting Income                 |            | \$2,240.00 |
| 2. Individual Memberships            |            |            |
| a. Sustaining Dues                   | 348.00     |            |
| b. Regular Dues                      | 1,190.00   |            |
| Total from Dues (Excluding 1a above) |            | 1,538.00   |
| 3. Institutional Dues                |            | 750.00     |
| 4. Subscriptions to the PROCEEDINGS  |            | 1,007.00   |
| 5. Page Charges                      |            | 1,785.00   |
| 6. BIOTA Receipts                    |            | 17.50      |
| 7. Interest                          |            |            |
| a. Checking Account                  | 57.78      |            |
| b. Certificates of Deposit           | 93.80      |            |
| c. Passbook Account                  | 46.84      |            |
| Total Interest                       |            | 198.42     |
| Total Income                         |            | \$7,535.92 |

#### EXPENSES April 1, 1981 through March 24, 1982

|  |          |            |
|--|----------|------------|
| 1. PROCEEDINGS, Publication and Distribution |          |            |
| a. Int. Rev. Svs., WH Tax (549)              | 82.60    |            |
| b. G. Heidt, Travel (552)                    | 80.00    |            |
| c. Phillips Litho, Pmt. 1 (554)              | 3,100.00 |            |
| d. Phillips Litho, Pmt. 2 (562)              | 1,200.00 |            |
| e. Phillips Litho, Pmt. 3 (568)              | 654.27   |            |
| f. G. Heidt, Travel (573)                    | 83.00    |            |
| g. R. Heidt, Editorial Svs. (574)            | 151.81   |            |
| h. Int. Rev. Svs., WH Tax (578)              | 70.79    |            |
| i. Dept. Fin. Admin., WH Tax (579)           | 5.65     |            |
| j. R. Heidt, Editorial Svs. (582)            | 163.06   |            |
| Total for PROCEEDINGS                        |          | \$5,591.18 |
| 2. Meeting Expenses                          |          |            |
| a. Morgan & Barbecue, Picnic (551)           | 772.50   |            |
| b. Ferguson, Refreshments (553)              | 77.30    |            |
| c. Coll. Sci., UALR, Printng. (563)          | 436.05   |            |
| d. HSU, Biol. Dept., Postage (576)           | 39.60    |            |
| Total for Meeting Expenses                   |          | 1,325.45   |
| 3. Awards                                    |          |            |
| a. Daytimers, Certif. Prtg. (557)            | 20.86    |            |
| b. Ark JE Acad Sci, Support (571)            | 200.00   |            |
| c. Ark Sci Fair Assn, Support (572)          | 100.00   |            |
| d. Best Sports, Plaq. & Engr. (581)          | 76.68    |            |
| Total for Awards                             |          | 397.54     |
| 4. Operating Costs                           |          |            |
| a. Benner, Typing (550)                      | 7.50     |            |
| b. Postmaster, Stamps (555)                  | 10.84    |            |
| c. Natl Assn Acad Sci, Dues (556)            | 25.00    |            |
| d. Chittenden, Postage (558)                 | 52.94    |            |
| e. McRoy-McMail, Receipt Book (559)          | 12.62    |            |
| f. Postmaster, Box Rent (560)                | 5.00     |            |
| g. UAF, Printing (561)                       | 16.05    |            |

## Secretary's Report

|                                     |          |            |
|-------------------------------------|----------|------------|
| h. UAF, Office Supplies (565)       | 14.50    |            |
| i. Postmaster, Stamps (567)         | 8.64     |            |
| j. UAF, Copy Work (569)             | 2.50     |            |
| k. Postmaster, Box Rent (570)       | 7.50     |            |
| l. Postmaster, Postage (575)        | 10.00    |            |
| m. Postmaster, Box Rent (577)       | 7.50     |            |
| n. Chittenden, Postage Reimb. (580) | 31.13    |            |
| Total Operating Costs               |          | 213.72     |
| 5. Miscellaneous                    |          |            |
| a. Dues Checks Returned             | \$ 36.00 |            |
| b. Paulissen, Postage (564)         | 8.75     |            |
| c. UAF, Printing Biots (566)        | 62.50    |            |
| Total Miscellaneous Costs           |          | \$ 107.25  |
| Total Expenses                      |          | \$7,635.14 |

## Summary

|                                       |             |
|---------------------------------------|-------------|
| Beginning Balance, Checking & Reserve | \$ 4,747.19 |
| Total Income                          | +7,535.92   |
| Total Expenses                        | -7,635.14   |
| Funds on Hand, March 24, 1982         | \$ 4,647.97 |

## Location of Accounts

|  |             |
|--|-------------|
| McIlroy Bank, Checking Account Balance, March 24, 1982 | \$ 2,266.59 |
| Heritage Savings & Loan, Certificates of Deposit       | 1,222.20    |
| Heritage Savings & Loan, Passbook Account              | 1,159.18    |
| Total Funds, March 24, 1982                            | \$ 4,647.97 |

Respectfully submitted,

William L. Evans  
TreasurerMeeting, April 2-3, 1982  
Henderson State University

The Nominating Committee, Alex Nisbet, chairman, presented the following slate of candidates for office:

For Vice-president — William Evans — UAF and  
Wayne Everett — OBU  
For Treasurer — Arthur Johnson — Hendrix College

It was moved and seconded that nominations cease. The motion passed. Voting will take place at the Second Business Meeting.

Marie Arthur, Director, reported on the activities of the Junior Academy of Science. It was moved and seconded to continue financial support of JAS at the level of \$200. Voting will take place at the Second Business Meeting.

Robert Kirkwood, co-director of the State Science Fair, reported on the Fair's activities. It was moved and seconded that financial support of the Science Fair continue at the level of \$100. Voting will take place at the Second Business Meeting.

Leo Paulissen reported on the Westinghouse Science Talent Search and the BIOTA survey. Two students were selected for national recognition in the Talent Search. They are Wendy Lynn Koppel and Brian Corlis Espenscheid.

Gary Heidt presented the report of the Editor of the *Proceedings*. This report can be found on page 5 of Volume 35. It was moved and seconded that the Academy appropriate \$500 for editorial assistance for Volume 36. Voting will take place at the Second Business Meeting.

Rick McDaniel, editor of the *Newsletter*, announced that John Rickett will succeed to the editorship for a three year period. There are to be two numbers each year. The first is to be a "News of the Meeting" edition and the second will retain the present format. It was moved and seconded that \$150 be appropriated for the costs of the *Newsletter*. Voting will take place at the Second Business Meeting.

President Beadles appointed the following committees to report at the Second Business Meeting:

Audit Committee — Robbin Anderson, Robert Watson, Jimmie Bragg  
Resolutions Committee — Robert Kirkwood, P. M. Johnston, E. L. Richards

## SECOND BUSINESS MEETING

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

I move that the minutes of the 65th Annual Meeting, published in the 35th *Proceedings* of the Arkansas academy of Science be approved as written.

The motion was seconded and passed.

William Evans, Treasurer, made the following motion.

I move that acceptance and approval of the Treasurer's financial statement and report for the period 31 March 1981 through 24 March 1982, as submitted to the membership and presented at the First Business Meeting.

The motion was seconded by Robbin Anderson, Chairman of the Audit Committee, who reported that the books were balanced and in order. The motion passed.

The following motions presented at the First Business Meeting were passed.

1. Appropriation of \$500 for editorial assistance on the *Proceedings*.
2. Appropriation of \$100 for support of the State Science Fair.
3. Amending the Constitution and By-laws.
4. Appropriating \$150 for cost of the *Newsletter*.
5. Appropriating \$200 for support of the Junior Academy of Science.

It was moved that the Academy establish an undergraduate research award for the outstanding paper by an undergraduate student at the Annual Meeting. The motion was seconded and passed.

The winner of the undergraduate research award was Laura Wooldridge of the Biology Department, UALR for her paper entitled "Fine structure of sperm from the free living nematode." She is a student of Maurice G. Kleve.

The Outstanding High School Science Teacher in Arkansas for 1981-1982 is Mrs. Ruth Faulkner.

It was announced that the meeting place for the 1983 Annual Meeting will be at the University of Central Arkansas, Conway. The meeting time has been tentatively set for 2-3 April. An invitation was issued to hold the 1984 meeting at the University of Arkansas at Fayetteville. The invitation was accepted.

Robert Kirkwood, 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 heartfelt gratitude to Dr. Peggy Dorris, chairman of the Biology Department, and to the members of the science faculties of

Secretary's Report

Henderson State University for their careful planning for the meeting and for their efficient implementation of those plans. We express our appreciation to Dr. Joe Wright, Dean of the School of Natural Sciences, and to the administration of Henderson State University for the cordial welcome and for the use of the facilities of the university.

Because reporting the results of research is an essential feature of the Academy of Science, the role of the section chairman is critical. We appreciate the efforts of Alex Nisbet (Chemistry), Tom Duncan (Invertebrate Zoology/Physiology), Walter Manger (Geology), James Daly (Biomedical Sciences), Kelly Oliver (Vertebrate Zoology), Dan Marsh (Botany), Henry Robison (Aquatic Environment), and Carl Jameson (Geography).

The members of the Arkansas Academy of Science rely on the officers of the Academy to implement the various programs in which the Academy is involved. We extend our thanks to Ken Beadles, President; Robbin Anderson, President-elect; David Chittenden, Secretary; Robert Kirkwood, Historian; V. Rick McDaniel, editor of the Newsletter; and particularly to William L. Evans, retiring Treasurer, and Gary Heidt, retiring Editor of the *Proceedings*.

We also express our gratitude to the directors of the various science youth 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; Marie Arthur, Director of the Arkansas Junior Academy of Science; Tom Palko, Director of the Junior Science and Humanities Symposium; Leo Paulissen, Science Talent Search; and to Wayne Everett, Liaison Officer for all supported activities. We also express appreciation to the committees that have appraised the functions of the various youth science activities during the past year: Collegiate Academy - Nelson Voldeng, Tom Goodwin, Harvey Barton, John Bridgman; Junior Academy - William Byrd, Art Johnson, Tom Palko; Science Fair - Robert Wright, Bruce Haggard, Joe Guenter.

We also express our thanks to Micro-Tech Instruments and to American Optical Company for exhibiting some of their products at this sixty-sixth meeting of the Arkansas Academy of Science.

The motion was seconded and passed.

Balloting was held for the election of officers. William L. Evans was elected Vice-president and Arthur Johnson was elected Treasurer.

President Beadles then turned the gavel over to Robbin Anderson. President Anderson presented a certificate of appreciation to Dr. Beadles.

It was moved and seconded that the President of the Academy send a letter commending the winner of the undergraduate research award and his/her faculty advisor to the President of their Institution. The motion passed.

It was moved that an ad hoc committee be appointed to study awards to be presented for outstanding effort both at the undergraduate and graduate levels. The motion was seconded and passed.

It was requested that sections be run as close to the published schedule as possible.

The possibility of concurrent meetings of the Junior Academy and the Academy was raised. It was explained that the Junior Academy met in conjunction with Science Fairs.

President Anderson named Tom Goodwin and Ken Beadles to the Nominating Committee. The names of additional members will be published in the Newsletter.

It was moved to establish an ad hoc committee on membership. The motion was seconded and passed.

President Anderson adjourned the Second Business Meeting.

Respectfully submitted,

David M. Chittenden  
Secretary