

My progress in this effort has been essentially zero. While there is merit in the idea, the magnitude of the operation was greater than the time I had available. In addition, I envisioned a number of potential problems that might not have been in the best interest of the Tennessee Academy of Science. Among these was the possibility that well-intended, objective advice by a competent member of the roster of scientists might have been to the distaste of a legislator. Given several instances of such an event, State funding for the Tennessee Academy of Science could be jeopardized. As a matter of fact, I was even more concerned last winter when John Mallette called asking that I contact my local legislators in behalf of getting State funding restored for the Tennessee Academy of Science. While this was for a different set of circumstances, I think it points out the frail condition of our likelihood of State funding.

Other problems are listed as follows:

(1) The difficulty of establishing a roster of individuals who would do a good job in representing the Academy.

(2) Operational difficulties because of limited financial support.

(3) Without meaning to sound redundant, the difficulty of finding a person who has the time to coordinate such an effort.

For all the above reasons, I am recommending that the Science Advisory Committee be dissolved and that the limited support offered to the Committee be utilized in other, more profitable programs for the Academy. While I have not consulted with all members of the Science Advisory Committee, my comments represent the feelings of those with whom I have conversed. Members of the committee, in addition to myself, are Bob Amy, Diane Nelson, Al Myers, Ray Tanner, Gus Tomlinson, and Bob Wilson.

The Chairman's report was accepted by a passed motion. Another motion was passed to dissolve the Science Advisory Committee as recommended by Dr. Ellis.

The Secretary and the Chairman of the Fellows Committee, S. K. Ballal, who is also Member-at-Large of the Executive

Committee, presented the list of nominees for Fellow of the Academy as recommended by the Fellows Committee. The named persons were approved by a passed motion and are listed in the committee's report in the minutes of the Annual Business Meeting. The Secretary then read a memorandum from one of the members of the Fellows Committee, S. K. Airee, as follows:

"TO: Executive Committee of the Tennessee Academy of Science

FROM: S. K. Airee, Member, Fellows Committee
SUBJECT: Nomination of Dr. Ballal as Fellow of T.A.S.

After going through the list of Fellows of the Academy, I discovered that Dr. Ballal, who is serving as chairman of the Fellows Committee, was somehow overlooked for election as Fellow. Knowing his past contribution to the Academy, I strongly recommend his election for the past-due honor.

cc: Dr. Robert Sears
A special motion was passed to elect Dr. Ballal a Fellow of the Academy. When the question was considered, Dr. Ballal disqualified himself from voting.

OLD BUSINESS

1. The following constitutional amendment is needed: removal of all reference to the Science Advisory Committee and to the Reelfoot Lake Biological Station.

NEW BUSINESS

1. The Secretary was authorized to be in charge of contracting laboratory supply companies and arranging for them to exhibit their products at the next annual meeting at Tennessee Technological University, Cookeville, in cooperation with the chairman of the Local Arrangements Committee.

2. A motion was passed to appoint Dr. Raridon the Academy's representative to Section X of AAAS. At the recommendation of Dr. Raridon, another motion was passed to appoint Dr. George W. Griffith of Oak Ridge National Laboratory the Academy's delegate to AAS.

The meeting was adjourned at 10:45 P.M. E.S.T.

THE EIGHTY-SIXTH MEETING OF THE TENNESSEE ACADEMY OF SCIENCE

NOVEMBER 19-20, 1976

UNIVERSITY OF TENNESSEE, CHATTANOOGA

The eighty-sixth meeting of the Tennessee Academy of Science, Inc., was held November 19-20, 1976, at the University of Tennessee, Chattanooga, Tennessee. Dr. Robert L. Wilson, Professor of Geology at the University of Tennessee, Chattanooga, was Chairman of the Local Arrangements Committee, and Dr. Raymond L. Tanner, Professor of Radiology at the University of Tennessee Center for the Health Sciences, Memphis, was Program Chairman.

Meeting registrations totaled 278. Of these, 154 were university-college professors, 7 high school teachers, 5 from State Divisions, 6 from the Oak Ridge National Laboratory, 1 from the Oak Ridge Associated Universities, 2 from the Tennessee Valley Authority, 3 from private industry, and 100 students.

A total of eight laboratory supply and optical companies and affiliates exhibited their products in the lobby of the University Center. In alphabetical order, they were American Optical Corporation, Frank Caryl Company and his two affiliates ACTS Instrument Company and Dots Instrument Company, Curtin Matheson Scientific, Inc., Preiser Scientific, Inc., Turtoc/Cambosco of Macmillan Science Company, Inc., and Ward's Natural Science Establishment, Inc.

A workshop on Tennessee rare plants was held in the Lookout Mountain Room of the University Center on Thursday afternoon, November 18, beginning at 1:00 p.m. E.S.T. Mr. Joseph L. Collins presided. The focus of the workshop was to improve on a circulating list of rare plant species in the state of Tennessee.

The General Session was held in the Chattanooga Room of

the University Center on Friday morning, November 19, beginning at 9:30 a.m. E.S.T. President John M. Mallette chaired the session, and the welcome was given by Dr. James E. Drinnon, Jr., Chancellor of the University of Tennessee at Chattanooga. The theme of the session was "Science Yesterday," which covered the status of Biology, Chemistry, Mathematics, Medicine, and Physics in 1776. Section meetings were held Friday afternoon: 79 papers were presented as listed in the program. The Annual Business Meeting was held in the Signal Mountain Room of the University Center at 5:00 p.m. E.S.T.

The Annual Banquet was held in the Chattanooga Room of the University Center. It was served buffet style beginning at 7:30 p.m. E.S.T. Friday evening. Banquet ticket sales were 115. President John M. Mallette presided, and the address was delivered by Edward O. Buckbee, Director of the Alabama Space and Rocket Center at Huntsville, Alabama, who spoke on "U.S. Colonies in Space."

The Joint Session of the Tennessee Section of the American Association of Physics Teachers (TAAPT) and the Physics-Astronomy Section of the Academy was held at 9:00 a.m. E.S.T. Saturday morning in Room 131 of Grote Hall, Dr. Robert Sears of Austin Peay State University presided and 11 papers were presented. The Business Meeting of TAAPT was held at 10:45 a.m. E.S.T. in the same room.

The Collegiate Division also held its meeting on Saturday morning at 9:00 a.m. E.S.T. in the Signal Mountain Room of the University Center. Dr. Richard Raridon, Director of the

Collegiate Division, chaired the meeting. A total of 78 persons attended the session, and 12 papers were presented by students.

ANNUAL BUSINESS MEETING NOVEMBER, 1976

The Annual Business Meeting of the Tennessee Academy of Science, Inc., was called to order by President John M. Mallette at 5:00 p.m. E.S.T. in the Signal Mountain Room of the University Center of the University of Tennessee at Chattanooga on November 19, 1976. Fifty-one persons were present.

The reports of the Treasurer, Editor, and Directors of the Junior Academy, the Collegiate Division, and the Visiting Scientists Program were similar to those presented the previous evening at the Executive Committee Meeting. All reports were accepted by a passed motion.

The Chairman of the Auditing Committee, Dr. Myron S. McCay, presented the following report:

"The Treasurer's records have been examined for the period, July 1, 1975-June 30, 1976, and have been found to be in excellent order. All account entries, debits, and invoices have been recorded clearly, in accordance with authorized programs of the Academy. The Treasurer's management of and accounting for Academy funds is to be commended, in the opinion of the Auditing Committee."

The committee's report was accepted by a passed motion. The Chairman of the Fellows Committee, Dr. S. K. Ballal, presented the following report:

"By a letter dated August 5, 1976, Dr. John M. Mallette, President, Tennessee Academy of Science, appointed Dr. Robert F. Sears, Dr. Shakti Airee, and Dr. S. K. Ballal as members of the Committee to submit nominations for fellows to be elected at the annual meeting of the Academy on November 18-20, 1976. After considering the calibre of the Fellows in the past, and the role of the Academy in matters pertaining to the affairs of Science, the Committee submits the following names as nominees to be elected as Fellows of the Tennessee Academy of Science.

1. Dr. Charles E. Harding, University of Tennessee, Martin
2. Dr. Eric L. Morgan, Tennessee Technological University
3. Dr. Ruth H. Neff, Tennessee Environmental Council
4. Dr. Carl Stedman, Austin Peay State University
5. Dr. Jubran M. Wakim, University of Tennessee at Martin

The above have served the Tennessee Academy of Science well in their efforts to improve science education and research in Tennessee and are highly deserving of the honor to be elected as the Fellows of the Academy.

I offer my thanks and appreciation to the members of the Committee for their time and deliberation."

A motion was passed that the report be accepted and that those named be made Fellows of the Academy. The Secretary again read the memorandum of Dr. S. K. Airee, and again a special motion was passed to elect Dr. S. K. Ballal a Fellow of the Academy. Again, Dr. Ballal did not vote.

The Chairman of the Membership Committee, Mr. Johnny Younghans, presented the following report:

"The membership committee, after a late start, embarked on another 'double the membership' campaign. The last campaign of this type (in 1969-1970) was mildly successful and enlisted the entire membership. Preparations are in process to get letters and membership applications mailed to all the members for distribution to non-member colleagues and associates.

In the announcement of the annual meeting, the Secretary included a membership application with instructions much the same as we were preparing.

The committee wishes to express appreciation to the Secretary. We will, however, pursue the project and delay the mailing until later in the year."

The Committee's report was accepted by a passed motion. The Chairwoman of the Necrology Committee, Dr. Myrtle Fleming, submitted the following report:

"The Committee wishes to thank each of you who sent us the information about your former friends, as I did not personally know any of these former members.

Mr. Fred W. Behrend, one of Southern Appalachia's most prominent and proficient naturalists. His explorations of Southern

Appalachian Mountain 'Balds' at elevations above 5000-6000 feet were carried out for more than 40 years.

Dr. Sadie Gassaway, professor and chairman of Mathematics, Tennessee State University.

Dr. Gordon Hunt, who gave of himself in teaching and research with students at the University of Tennessee for over 25 years. He was a scholar in his field of cell physiology and had directed both Master and Ph.D. theses of a number of students. In recent years he has also worked in the advising center. Dr. Hunt was a long-time member of the Tennessee Academy of Science. A co-worker states 'Gordon was a scholarly, helpful, considerate and gentle man. We shall miss him in all the places where he walked.'

Mr. George Rouse, former associate professor of Chemistry at Bethel College. He will be remembered with affection both for his dedication to teaching and his long-time association and work in the Tennessee Academy of Science. He was coordinator of the Western Section of the TAS Collegiate Division."

Before the Committee's report was accepted by a passed motion, Dr. Fleming asked the audience to stand in a moment of silent prayer.

The Chairman of the Nominating Committee, Dr. Richard Raridon, presented the following report:

"The nominating committee of TAS, composed of myself, Joe Chapman, and Henry Moses, wishes to submit the following slate of candidates for 1977:

President-Elect: Robert E. Martin
Secretary: James D. Caponetti
Treasurer: Robert L. Wilson

We feel that these men are entirely qualified to carry out the duties of their respective offices.

Dr. Robert E. Martin is a native of Monterey, Tennessee. He received a B.S. from Tennessee Technological University and an M.S. and Ph.D. from the University of Tennessee. He joined the staff at TTU in 1963 and is currently a full professor in the Biology Dept. and director of the Tech Aqua Program. Dr. Martin has served as regional sponsor of the TAS Collegiate Division and as member-at-large of the TAS Executive Committee."

President Mallette asked for further nominations from the floor. There were no further nominations. The Secretary was instructed to cast one vote which would represent the unanimous election of the three nominees to their respective office.

The Chairman of the Research Committee, Dr. R. Gary Litchford, presented the following report:

"Activity of the Research Committee this year has been slow, primarily due to the number of grant proposals received to date. Two grants have been awarded:

1. Robert Perry and Harold Franks, Lee College. 'The Distribution of BHT in the Macronucleus of Various Mouse Tissue' \$100.00.

2. Lucinda Romero, West High School, Knoxville, 'Cholesterol and Phospholipid of Rat Hepatomonas' \$100.00.

The budget report from AAAS indicates that \$446.00 was available this year. This leaves a balance of \$246.00 to be awarded before December 31, 1976."

The Committee's report was accepted by a passed motion.

The Chairman of the Resolutions Committee, Dr. Benjamin P. Stone, presented the following resolutions:

"WHEREAS, the Tennessee Academy of Science, including the Collegiate Division, is enjoying a most pleasant, profitable, and well-organized series of meetings at the University of Tennessee at Chattanooga, and

"WHEREAS, the success of these meetings has resulted from the efforts of the officers and sponsors of these organizations, the chairmen of the respective sections, the members of the Committee on Local Arrangements (Robert L. Wilson and Raymond L. Tanner), from recognition given the meetings by the various news media, and from the generous hospitality of our host institution,

"BE IT RESOLVED, therefore, that the Tennessee Academy of Science express its gratitude and sincere appreciation to these and all others who have contributed to the success of these meetings.