NEW PRESIDENT OF THE TENNESSEE ACADEMY OF SCIENCE

Dr. Lundberg was born in Fremont, Nebraska, in 1901. He received his preparatory education in the Fremont schools and his undergraduate education at Midland College and the University of Nebraska. After graduation he was basketball coach and Professor of Mathematics at Dana College, Blair, Nebraska, and Professor of Mathematics at Allen Academy, Bryan, Texas. In the meantime he received an M.A. degree from Colorado State College. In 1941 he was named a Fellow in Mathematics at Vanderbilt University and the following year was granted a Master of Arts degree. His doctorate was received from George Peabody College. He has been a participant in the Summer Faculty programs of Boeing Airplane Company, Seattle, and a research participant and consultant in programs of the Oak Ridge National Laboratory and Institute of Nuclear Studies.

He has been associated with the Tennessee Academy of Science since 1944. He has served as Chairman of the Mathematics Section, Treasurer of the Academy, and Editor of the Journal. In 1962 he was elected a Fellow in the Academy. He is a member of a number of other professional organizations, among which are the Mathematical Association of America, The Society of Industrial and Applied Mathematics, The American Association for the Advancement of Science, Phi Delta Kappa, The Engineers Club of Nashville, and Sigma Xi, of which he is past-president of the Vanderbilt Chapter.

His publications have appeared in state and national magazines.

EXECUTIVE COMMITTEE MEETINGS

January Meeting, 1968

The Executive Committee Meeting of the Tennessee Academy of Science was called to order by President Roger Rusk at 7:20 p.m. EST in Room 406 of the Physics Building, University of Tennessee, Knoxville, on January 26, 1968. Members present were Roger Rusk, President; Norman Campbell, Past-President; Gustave Lundberg, President-Elect; James D. Caponetti, Secretary; Robert L. Wilson, Treasurer; Donald Caplenor, Journal Editor; Richard J. Raridon, Director of the Collegiate Division; John H. Bailey, Director of the Junior Academy; Paul Wishart, Director of the Visiting Scientists Program; William Ellis and Albert L. Myers, Members-at-Large.
The secretary passed out printed copies of the M ittineer, the November issue of the Executive Committee Meeting and the Annual Business Meeting. They were read and approved. Since the Annual Meeting, 21 new members have joined the Academy making the total membership 889 at this moment.

The Director of the Visiting Scientists Program presented:

"The current Visiting Scientist Program was initiated in November 1964 with the presentation from the Tennessee Academy that limited funds were available to operate the program. Previously, prepared announcements were sent out immediately to 469 schools through the State Department of Education. The first announcement was mailed from the State Department of Education with a letter from Commissioner Howard W. War. The second announcement also was mailed without the letter. Each letter addressed to the principal with a pink tag attached to the outside was also sent. The response was immediate attention of the science department. Publicity was given to the Tennessee Academy's Visiting Scientists Program. In the first year, 22 schools received 12 scientists for a total of 264 scientists. Since then, the Tennessee Academy Visiting Scientists Program has expanded to include 360 schools. The 1965-66 program was 12 schools presented 16 papers on a variety of subjects. Expressions were favorable. Since the last report, $2,000.00 has been spent to finance the travel and expenses of the visiting scientists. The director is confident that the NSF funds will be available after this year. Dr. John D. Nestel in addition to the Di Pinto College has replaced Robert N. Martin in regional sponsorship for the middle section of Tennessee. Dr. Martin's work for the Collegiate Div. has been excellent."
The Executive Committee meeting of the Tennessee Academy of Science was called to order by President Roger Rank at 7:10 A.M. CST in the restaurant meeting rooms of the Holiday Inn in Chattanooga on November 22, 1968. Members present were Roger Rank, President; Richard J. Radford, President-Elect; James D. Dean, Treasurer; Richard J. Rabin, Director of the Visiting Scientist Program; Paul W. Eubank, Director of the Visiting Scholar Program; William E. Harris, Albert L. Meyers, and Robert L. Amy, Members-at-large.

The Secretary passed out printed copies of the Minutes of the January Executive Committee meeting. They were read and approved as follows: 1968 to this moment, there were 31 new members. No drops and no deaths were reported to the Secretary. Total membership is 1,092.

The Director of the Visiting Scientist Program submitted his report. During the academic year 1967-1968, a budget of only $5,500 was available to the program. There were 100 actual visits which cost $3,253.48. Operating costs were $1,317.79. The total balance from the $5,500 was applied to the next academic year. The Director then submitted a proposed budget of $5,675. A total of $5,675 is requested. $4,420.00 for visitor costs and $1,255.00 for operational costs. A motion was seconded and passed to approve the budget and to submit the proposed program subject to the approval of the state funds.

The Director of the Junior Academy began his report by stating that the Junior Academy's program has been successful. The past six students attending are paying all of their expenses. A motion was passed to accept the budget of the Junior Academy subject to the availability of the state funds. Moreover, another motion was passed to reimburse the Junior Academy for all presented papers if sufficient money becomes available.

Mr. James Davis, the Director of the Science Talent Search Committee, was absent from the meeting. Mr. Davis wished the Director to report that he, Mr. Davis, and John Bailey were attending the annual meeting of the Science Talent Search Committee. The members of the Nashville Science Talent Search Committee were invited to the spring Junior Academy meeting at Vanderbilt University. Five papers of excellence were chosen, and these were published in the 1968 Junior Academy Handbook and Transactions along with abstracts of all papers. All students received a separate printed abstract of their paper and a copy of the Handbook and Transactions.

The Editor was absent from the meeting and at this point the President gave his own report so that he could submit a description of the new Editor. Dr. Robert Martin at the Tennessee Technological University was chosen as the new Editor. The Editor's report was also the President's report.

As the president reviews the activities of the Academy during the past year, several programs were mentioned that dealt with the role of science and the scientist in society. The attention of all officers and members interested in maintaining a high quality of service to the scientific community in Tennessee.

It is noted that the continuing activities of the Academy are supported by the financial contributions of its members. Financial support is inadequate to support the programs that the Academy has been successful in carrying out. The Academy is now authorized by the State of Tennessee and the National Academy of Science to receive private contributions to its programs. The Academy is now authorized to receive private contributions to its programs.
effect in this field. Our Science Talent Search, our Junior Faculty Fellows Program, our Human Growth and Development program, our National Science Foundation Science Talent Search, and our various other programs all contribute to increasing their value in the community. The fact that most of these programs are self-funded by the individual institutions and that the University is not heavily involved in providing funding makes the participation of the students and faculty members highly motivated.

"It has been a privilege to serve as your president. I want to thank all those who have helped in so many ways to make the task pleasant and who have contributed so generously of their time and of their service to the cause of the Academy. Although many problems remain, they can go on, and I am confident that they will be handled with efficiency and devotion by our new president."
science in junior colleges. The NSF-sponsored commis-
sions are concerned but no one seems to know what to
do. Are we recognizing each year outstanding elementary
teachers for competency in teaching science, secondary
school science teachers, and yes, college science teachers?7
School superintendents have talked about a state seminar
sponsored by someone; perhaps the state academy."

CONSTITUTIONAL MATTERS

President Rusk reiterated the recommendation he
made in his report that steps be undertaken to get the
Academy incorporated, even if such a step would re-
quire certain amendments to our Constitution. One
change would be to obtain a permanent address for the
Academy; such change is also a requirement for incor-
poration. Accordingly then, it was moved, seconded,
and carried to make the Secretary's address the permu-
ment one for the Academy Corporation. It was also
moved and carried that the president seek incorporation
and that the President, the President-Elect, the imme-
diate Past-President, the Treasurer, and the Secretary be
a committee of five Academy officers to act as incor-
porators, and have the authority to propose changes in
the Constitution that may be required to conform with
the laws of incorporation. Such changes will be sub-
mitted to the membership along with the annual meeting
notice so that they may be voted on the next (1969)
annual business meeting.

OTHER BUSINESS

1. President Rusk proposed the formation of a new
directorship in the Executive Committee; a Director of
Educational Services. Such a new director would co-
ordinate educational services throughout the state. It
was moved and carried that the President and the
President-Elect be a committee to seek such a new
director and report such attempts at the next Executive
Committee meeting in January, 1969.

2. It was moved, seconded, and passed that those
named to be Fellows of the Academy be recommended
for election by the membership.

3. The Secretary read a letter from Dr. John R.
Olive, Executive Director of the American Institute of
Biological Sciences dated March 25, 1968, and stated
that he and the Governing Board of A.I.B.S. take
pleasure in inviting our Academy to affiliate mem-
bership in the institute. At that moment the Secretary
answered Dr. Olive's letter by stating that the decision
to affiliate had to be first passed by the Executive Com-
mittee at the next meeting in November, 1968, and if
passed would then be presented to the membership for
approval. A Motion was introduced to affiliate, sec-
onded, but it failed to pass. The Secretary was instructed
to write an appropriate letter of refusal to affiliate to
the Executive Director.

4. President Rusk requested Drs. Raridon, Wihert,
Bailey, and Baker to prepare a one-page summary
budget request for support of their respective program
in the hope that state money would be available.

5. The Secretary was instructed to prepare letters of
nomination for Fellow of the AAAS those members of
the Academy who are both Fellows of the Academy and
members of the AAAS.

6. President Rusk appointed Dr. Clinton L. Baker to
write a history of the Academy.

7. The Secretary read a letter from Dr. H. Malcolm
Owen, University of the South, Sewanee, dated Novem-
ber 7, 1968, stating that the Academy is invited to hold
its 1970 annual meeting at the University of the South.
A Motion was passed to discuss the invitation at the
next Executive Committee meeting in January, 1969.

The meeting was adjourned at 2:15 P.M. CST.

THE SEVENTY-EIGHTH MEETING OF THE
TENNESSEE ACADEMY OF SCIENCE

NOVEMBER 22-23, 1968
AUSTIN PEAY STATE UNIVERSITY

The seventy-eighth meeting of the Tennessee Academ-
y of Science was held November 22-23, 1968 at
Austin Peay State University, Clarksville, Tennessee.
Dean William H. Ellis was Chairman of the Local Ar-
rangements Committee, and Dr. Gustave H. Lundberg,
Austin Peay State University, was Program Chairman.
A total of 301 persons registered for the meeting.
Of these, 270 were college-university professors and
students; 7 were high school teachers and students; and
24 were from ORNL, TVA, medical institutions, state
divisions, and private industry.
The General Session was held in the ballroom of the
University Center on Friday morning beginning at
10:00 A.M. CST. President Roger Rusk presided, and the
welcome was delivered by Dr. Joe Morgan, President
of Austin Peay State University. Section meetings
were held Friday afternoon; 66 papers were presented.

The annual business meeting was held in Room 103 of
the Claxton Education Building at 5:00 P.M. CST.

The annual dinner was held in the ballroom of the
University Center at 7:00 P.M. CST, Friday evening.
President Roger Rusk presided, and the address was
delivered by Dr. Aaron J. Sharp, Professor of Botany
The University of Tennessee, Knoxville, who spoke on
"A Frame of Mind."
The Collegiate Division held its meeting on Saturday
morning at 9:00 A.M. CST in Room 102 of the Mc-
Cord Science Building. Dr. Richard J. Raridon chaired
the meeting, and six papers were presented.

ANNUAL BUSINESS MEETING

The annual business meeting of the Tennessee Acad-
y of Science was called to order by President Roger
Rusk at 5:05 P.M. CST in Room 103 of the Cla