

1960

## Proceedings of the Seventy-Second Meeting of the Iowa Academy of Science held at the State University of Iowa, Iowa City, April 22 and 23, 1960: Minutes of the 1960 Meeting

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# **Proceedings of the Seventy-second Meeting of the Iowa Academy of Science held at the State University of Iowa, Iowa City, April 22 and 23, 1960**

## **Minutes of the 1960 Meeting**

President W. C. Oelke, Jr., presided over the opening meeting held at 11:00 a.m., April 22, 1960, in Macbride Auditorium. About 500 persons attended this meeting. President Oelke introduced Professor Frank A. Brown, Jr., of Northwestern University, who gave the invited address on the subject "Living Clocks."

Luncheon was served in the Iowa Memorial Union, after which members attended section meetings until 3:10 p.m.

The second general meeting was called to order by President Oelke at 4:15 p.m. in Macbride Auditorium. President Virgil M. Hancher of the State University of Iowa welcomed the Academy to the campus.

The Clinton Foods Science Scholarship Awards were presented in a ceremony directed by Dr. J. D. Woods. Dr. W. A. Deskin, representing the Iowa Section of the American Chemical Society, presented the 1960 Iowa Science Teachers Award to Henry H. Boyce, physics and chemistry teacher at Mason City High School.

The Presidential Address by Dr. W. C. Oelke, Jr., was entitled "The Academy of the State, and the State of the Academy."

The annual business meeting followed. Reports of the Board of Directors, Secretary-Treasurer, Auditing Committee, Editor, and Librarian were presented and accepted. The following standing committee reports were read and accepted: Conservation, Finance and Endowment, High School Relations, Membership, Science Talent Search, and Science Teaching. The report of the Resolutions Committee was adopted.

The persons presented for the Board of Directors by the Nominating Committee were elected. They were:

President—George C. Huff, Des Moines.  
Vice President—Robert L. Hulbary, Iowa City.  
Secretary-Treasurer—Clarence H. Lindahl, Ames.  
Editor—T. Edwin Rogers, Mount Vernon.

K. D. Carlander, Ames.  
H. L. Dean, Iowa City.  
Don Lewis, Iowa City.  
Dorothy M. Matala, Cedar Falls.  
W. C. Oelke, Jr., Grinnell.  
Frank W. Starr, Cedar Falls.  
J. D. Woods, Des Moines.

President Oelke yielded the chair to the new president, George C. Huff.

A committee consisting of W. C. Oelke, Jr., Chairman, H. L. Dean, and L. T. Earls was appointed to administer the AAAS grants. The section chairmen for 1960-1961 were announced. They were:

Botany—W. E. Picklum, Cedar Falls.  
Chemistry, Inorganic and Physical—Sister Mary Marguerite Christine Neuman, Dubuque.  
Chemistry, Organic and Biological—A. W. Swenson, Waverly.  
Geology—Kermit L. Dirks, Ames.  
Mathematics—H. C. Trimble, Cedar Falls.  
Physics—Sister Mary Briant Ryder, Dubuque.  
Psychology—L. H. Hughes, Cedar Rapids.  
Zoology—R. A. Rogers, Des Moines.

In addition, President Huff appointed A. O. Haugen, Ames, chairman of the new Conservation section.

The meeting was adjourned at 6:00 p.m.

The members of the Senior Academy met at 6:30 in the Triangle Club Rooms of the Iowa Memorial Union for the annual dinner.

At 8:00 p.m. in the Main Lounge of the Memorial Union 1,200 persons attended the symposium on "Problems of Getting Man into Orbit and Back to Earth." Professor J. W. Buchta of the University of Minnesota was the moderator. Speakers were James A. Van Allen of the State University of Iowa, John P. Stapp of the Wright-Patterson Air Force Base, and Edward R. Jones of McDonnell Aircraft Corporation.

On Saturday forenoon, in addition to the usual section meetings three separate public discussions were held. They were on the subjects of:

#### 1. *Science Education*

Dr. W. F. Loehwing of the State University of Iowa was the chairman. An address was given by Professor J. W. Buchta of the University of Minnesota with the following discussants participating: John W. Harold of Cedar Falls, Dorothy Schriver of Science Service, Frank W. Starr of East Waterloo, and Donald J. Stout of Cedar Rapids.

2. *Research on the Functioning of the Human Heart and Its Clinical Application*

Dr. E. O. Thielen acted as chairman with Dr. W. J. Whalen, Dr. J. W. Eckstein, and Dr. J. L. Ehrenhaft as speakers. These men are all associated with the Medical Research Laboratories, University of Iowa Hospitals.

3. *Present and Future Availability of Water*

Dr. George M. Browning of Iowa State University at Ames was chairman of this session which had as principal speakers Dr. Luna B. Leopold of the U. S. Geological Survey and Mr. Gordon E. McCallum of the U. S. Public Health Service. Discussants were Mr. Leonard A. Carlson of the Rock Island District, Corps of Engineers, Professor Jeffrey O'Connell of the State University of Iowa, and Dr. John F. Timmons of Iowa State University.

These symposia terminated what many members termed one of the best meetings ever held by the Iowa Academy of Science.

CLARENCE H. LINDAHL, *Secretary*

## Report of the Board of Directors

The Board of Directors of the Iowa Academy of Science was called to order at 3:20 p.m. on Thursday, April 21, in the Memorial Union at the State University of Iowa. All members were present except J. D. Woods, who was on official duty at Clinton with the Junior Academy Scholarship Award winners.

Reports of the Secretary-Treasurer, Auditing Committee, Editor, and Librarian were read and accepted by the board, as were the reports of the six standing committees.

The following actions were taken by the board:

(1) Mrs. Elizabeth T. Rogers of Cornell College was appointed associate editor of the annual proceedings.

(2) A trial Conservation section was approved. It was suggested that requests for other new sections should be forwarded to the board in writing, showing the need for and the support of these sections.

(3) The Science Teaching Committee and the Committee on Preparation and Certification of Teachers were requested to confer in order to consider the development of teacher certification requirements and to submit to the board a plan for continued study, including an estimated cost of such a study.