

1975

## Iowa Academy of Science Celebrates Centennial Anniversary of Founding

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### Recommended Citation

Hanson, Robert W. (1975) "Iowa Academy of Science Celebrates Centennial Anniversary of Founding," *Iowa Science Teachers Journal*: Vol. 12: No. 2, Article 2.

Available at: <https://scholarworks.uni.edu/istj/vol12/iss2/2>

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# IOWA ACADEMY OF SCIENCE CELEBRATES CENTENNIAL ANNIVERSARY OF FOUNDING

Dr. Robert W. Hanson

Executive Secretary of the Iowa Academy of Science

University of Northern Iowa

Cedar Falls, Iowa

April 17-19, 1975, marks the observance of an important historical event in Iowa, for it was in 1875 that Charles E. Bessey and a handful of scientists and medical men conceived the original Iowa Academy of Science. One hundred years have produced fantastic changes in life in Iowa, and the Academy of today has almost forgotten its heritage. It has grown from a small fellowship of men dedicated to furthering scientific work in Iowa to 1,400 members—a sizable cross section of the entire scientific community representing pure and applied research, conservation activity, engineering, economics and all levels of education and teaching in the sciences.

All these aspects of Iowa's scientific enterprises will be included in the special centennial program that is expected to attract more than 1,000 students, teachers, and scientists to Iowa State University in Ames in April. The four-part theme is timely and futuristic, as well as lending itself to life in this state during the past 100 years. "Man-Materials-Energy-Environment" constitutes the centennial program theme. On three separate days, April 17, 18, and 19, outstanding nationally known authorities in these four theme areas will deliver important addresses dealing with each part of the theme on a national scope. On Friday, April 18, four separate symposia dealing with these themes as they relate to Iowa will round out the program.

On Saturday, April 19, the usual contributed paper sessions by sections will be scheduled. Some sections are planning symposia jointly—for example, one on Iowa coal.

The keynote speakers and their scheduled appearances are:

## *Thursday, April 17*

8 p.m. Ian McHarg, Chairman, Department of Landscape Architecture and Regional Planning, University of Pennsylvania, on "Man"

*Friday, April 18*

11 a.m. Robert S. Hansen, Director, Ames Laboratory, Iowa State University, on "Materials"

8 p.m. Dixy Lee Ray, Chairman, AEC, on "Environment"

*Saturday, April 19*

1:30 p.m. S. David Freeman, Director, Energy Policy Project, Ford Foundation, on "Energy"

The four symposia on Friday will include the following topics and speakers:

*Man*

Leland Johnson, Dean, College of Liberal Arts, Drake University  
Clifford McCollum, Dean, College of Natural Sciences, University of Northern Iowa

Marshall McKusick, Iowa State Archaeologist

*Materials*

Richard Smith, Department of Agricultural Engineering, Iowa State University

Samuel Tuthill, Iowa State Geologist

Kyriakos C. Valanis, Department of Mechanics and Hydraulics, The University of Iowa

*Environment*

Larry Crane, Director, Department of Environmental Quality

Richard Bovbjerg, Department of Zoology, The University of Iowa

John Timmons, Professor of Economics, Iowa State University

*Energy*

James O'Toole, Associate Professor of Veterinary Medicine, Iowa State University

Maurice Van Nostrand, Chairman, Iowa Commerce Commission

Jerry Ward, Public Relations, Iowa Light and Power Company

Other special features of the Centennial Observance at Ames include informational exhibits by several industries, public utilities, foundations, and the Iowa Coal Project. There will be an exhibit of the winning entries in the Iowa Academy's Centennial Art Contest in the Memorial Union. Some selected entrants in the Hawkeye Science Fair have been invited to set up exhibits as well.

One of the most newsworthy aspects of the Centennial Observance is the presentation of several special centennial awards. There will be a new honor category initiated at that time—the Distinguished Fellow—and a special committee has made a selection of these from nominations submitted by various elements of the scientific community. In addition a number of special Centennial Citations will be presented to individuals and groups. Award ceremonies have been scheduled at three different points in the program. Awardees will, of course, not be publicly identified until the awards are presented.

Governor Robert Ray is expected to be present at one of the general sessions on Friday, April 18, to acknowledge the Academy's 100th anniversary. Many state legislators are expected to be in attendance as well as representatives of many state and national scientific and technical societies.

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The Iowa Academy of Science presents  
**MAN-MATERIALS-ENVIRONMENT-ENERGY**

a centennial program addressed to  
the concerns of today's Iowans

April 17-19, 1975

Ames, Iowa

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“I have come to a frightening conclusion. I am the decisive element in the classroom. It is my personal approach that creates the climate. It is my daily mood that makes the weather.

“As a teacher I possess tremendous power to make a child's life miserable or joyous. I can humiliate or humor, hurt or heal. In all situations it is my response that decides whether a crisis will be escalated or de-escalated, and a child humanized or dehumanized.”

—*Haim Ginott*