

1976

## Excellence in Science Teaching Award Program Prior to 1976

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## EXCELLENCE IN SCIENCE TEACHING AWARD PROGRAM PRIOR TO 1976

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The Iowa Academy of Science has a long and distinguished record of encouraging improvement in science education within Iowa's public and parochial schools. Evidence of this may be seen in its support of the Iowa Junior Academy of Science, *The Iowa Science Teachers Journal* and various Academy committees having as their major concern the promotion of science education. In past years, the Recognition and Awards Committee of Iowa Academy of Science has functioned to identify outstanding science and mathematics teachers in Iowa.

In the Sixty-ninth Session of the Iowa Academy of Science (1957), Mr. Steven Pattee, Biology Teacher at Roosevelt High School in Cedar Rapids, became the first Iowa Science Teacher to be recognized by the Academy for exemplary science teaching. The second award, made in 1958, went to Loren Grout of Mason City. Since 1959, fifty-five men and women have been recognized for their outstanding contributions in behalf of Iowa children and science education.

During the first eight years of the recognition program, the Iowa Science Teacher's Award was administered by the Iowa Section of the American Chemical Society. In 1965, this award was joined by awards in biology and physics. By 1969, the Excellence in Science Teaching Awards Program included biology, chemistry, earth science, mathematics and physics. From 1965-1969, the awards were administered by the Science Teaching Committee of the Iowa Academy of Science.

In 1968-1969, the Science Teaching Committee added a member whose responsibility would be to coordinate the selection and presentation of the various awards. Dr. Paul Tweeten, Science Coordinator with the Iowa Department of Public Instruction, was the first person to be Director of the Excellence in Science Teaching Awards. From 1969 to the present, David McCalley, Assistant Professor of Biology at the University of Northern Iowa, has been Director of the Program. The present coordinating committee for the Excellence in Science Teaching Awards Program is the Recognition and Awards Committee of the Iowa Academy of Science. The director of the awards program is an ex-officio member of this committee.

Of the five awards presented by the Iowa Academy of Science prior to 1976, three were sponsored by special groups. The biology award was sponsored by the National Association of Biology Teachers through its

Outstanding Biology Teacher Award Program, the earth science selection was sponsored by the Geological Society of Iowa, and the physics award was sponsored by the Iowa Section of the American Association of Physics Teachers. Currently the Iowa Academy of Science sponsors all remaining awards and the biology, earth science and physics award retain their special sponsorships.

Listed below are the recipients of the Excellence in Science Teaching Awards in biology, chemistry, earth science, mathematics and physics for the years prior to 1976. Not listed are recipients of the Science Teaching Awards from 1957-1964 since no records were available concerning the recipients of these awards, except for the Pattee and Grout awards made in 1957 and 1958. Some names are missing in the different awards categories. If anyone has records concerning these unlisted recipients please forward them to the author so that these individuals can be duly recognized for their past contributions to science education in Iowa. A distribution of the recipients of known awards is shown in Figure 1.

In 1974, the Academy gave a special posthumus award in physics to Milbert Krohn who had been killed in an airplane accident. Mr. Krohn had long been a leader in Iowa science teaching activities.

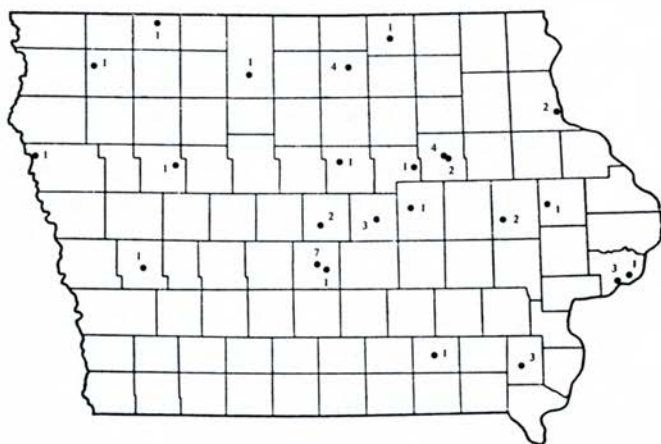


Fig. 1

Distribution of recipients of Iowa Science Teaching Awards in Biology, Chemistry, Earth Science and Physics prior to 1976\*.

\*Numbers represent the number of awards per location.

**Table 1**  
 Excellence in Science Teaching Award  
 Biology

1963*	Bill Hauser	Des Moines
1964*	David V. McCalley	Cedar Falls
1965	Sister Antonio	Dubuque
1966	Iola Tillapaugh	Cedar Rapids
1967	Daryl Stuhr	Sac City
1968	George McGrane	Ottumwa
1969	Richard Trump	Ames
1970	Donald Narveson	Waterloo
1971	George Chapman	Dubuque
1972	Lena Keithahn	Mason City
1973	Kirk Brill	Runnels
1974	James Hungerford	Mashalltown
1975	James Kelly	Cedar Falls

\*Awarded prior to OBTA being incorporated within Iowa Academy of Science program.

**Table 2**  
 Excellence in Science Teaching Award  
 Chemistry

1965	?	?
1966	?	?
1967	Frank Starr	Waterloo
1968	Milbert Krohn	Spirit Lake
1969	?	?
1970	Donald Murphy	Des Moines
1971	Frank Gorshe	Bettendorf
1972	Henry Becker	Davenport
1973	Harold Wengert	Cedar Falls
1974	David Highland	Harlan
1975	Gerald Huss	Marshalltown

**Table 3**  
 Excellence in Science Teaching Award  
 Earth Science

1969	Ken Frazier	Ames
1970	Donald Lange	Davenport
1971	Robert DeLoss	Sioux City
1972	Dennis Hoffnagle	Davenport
1973	Jerry Aldrich	Alden
1974	Maynard Bittle	Mt. Pleasant
1975	Gerald Cunningham	Marshalltown



**Table 4**  
 Excellence in Science Teaching Award  
 Mathematics

1967	Ethel Cain	Des Moines
1968	Richard L. Morris	Spirit Lake
1969	?	?
1970	Leroy Huegli	Osage
1971	Joseph Zimmerman	Des Moines
1972	Joseph Becker	Dike
1973	Irwin Van Haaften	Garwin
1974	Edward Rolenc, Jr.	Mt. Pleasant
1975	John Doran	Mt. Pleasant

**Table 5**  
 Excellence in Science Teaching Award  
 Physics

1965	Vern Gunderson	Mason City
1966	Oliver Eason	Cedar Falls
1967	William Kacena	Des Moines
1968	Herman Kirkpatrick	Des Moines
1969	Jerry Aldrich	Alden
1970	Wesley Warner	Algona
1971	Alan Ewers	Des Moines
1972	Henry Veldhuis	Sheldon
1973	Kennon Schaffer	Mason City
1974	Henry Biere	Anamosa
	Milbert Krohn	Spirit Lake
1975	Walter Gohman	Cedar Falls

Analysis of the science teachers' award program of the Iowa Academy of Science shows that outstanding science educators have been identified in all regions of the state. In this Bicentennial Year, it is most appropriate to recognize the past contributions of these educators for their leadership in promoting science in the public and parochial schools of Iowa.

**Editorial Note:** 1976 marked the continued expansion and growth of the Outstanding Science Teachers Award Program by including the identification and selection of the outstanding elementary and junior high science educators within the state. These two new categories are sponsored solely by the Iowa Academy of Science.

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### The Foreign Exchange

The National Science Teachers Association is attempting to locate persons in the United States who are interested in corresponding with science teachers in other countries and/or hosting a foreign student or visiting educator. If you are interested, please write Hans Andersen, NSTA Secretary for International Communications, Education 337, Indiana University, Bloomington, Indiana 47401.