

12-1969

Cover - IAS & ISTS Officers, Directors and Chairpersons - IST Journal Information - Table of Contents

Follow this and additional works at: <https://scholarworks.uni.edu/istj>



Part of the [Science and Mathematics Education Commons](#)

Let us know how access to this document benefits you

Copyright © Copyright 1969 by the Iowa Academy of Science

Recommended Citation

(1969) "Cover - IAS & ISTS Officers, Directors and Chairpersons - IST Journal Information - Table of Contents," *Iowa Science Teachers Journal*: Vol. 7 : No. 2 , Article 1.

Available at: <https://scholarworks.uni.edu/istj/vol7/iss2/1>

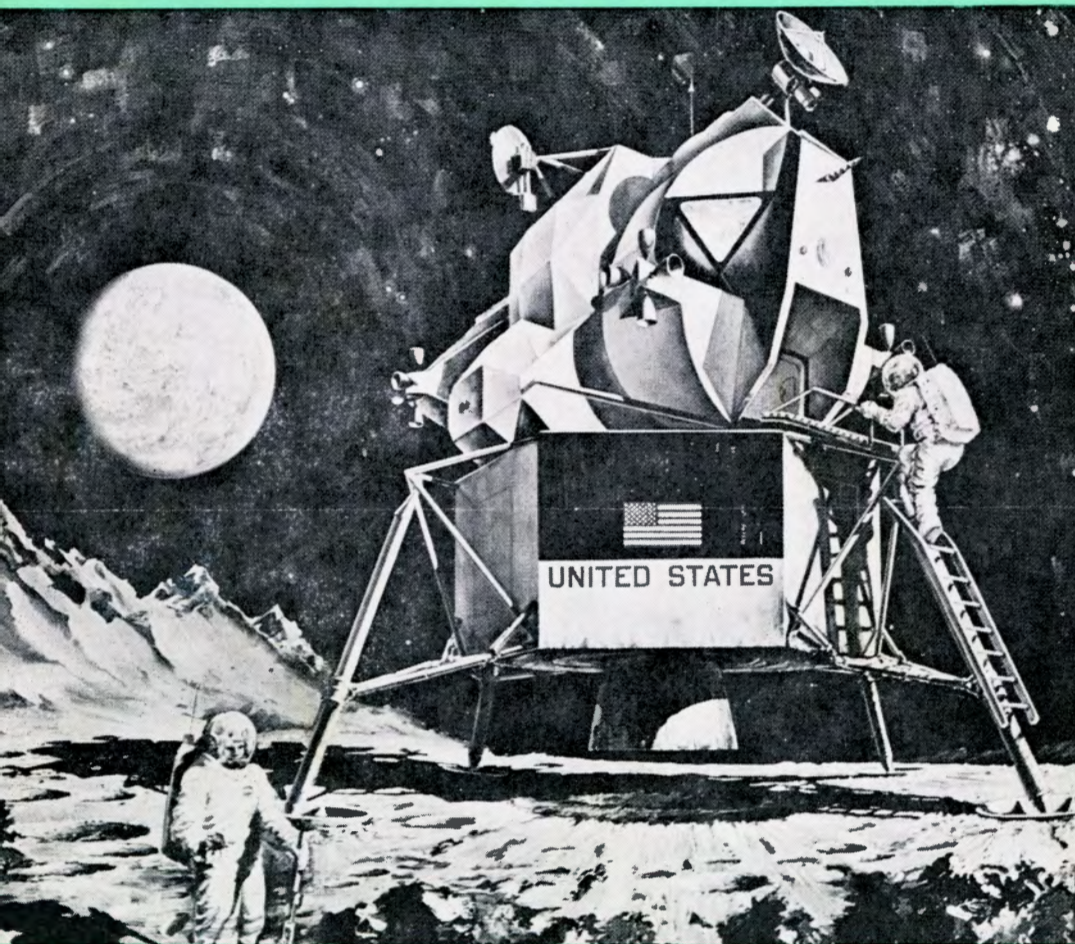
This Front Matter is brought to you for free and open access by the Iowa Academy of Science at UNI ScholarWorks. It has been accepted for inclusion in Iowa Science Teachers Journal by an authorized editor of UNI ScholarWorks. For more information, please contact scholarworks@uni.edu.

IOWA SCIENCE TEACHERS' JOURNAL

Volume 7

Number 2

December 1969



A PUBLICATION OF THE IOWA ACADEMY OF SCIENCE

in cooperation with

THE DIVISION OF EXTENSION AND UNIVERSITY SERVICES
THE UNIVERSITY OF IOWA

ACADEMY OFFICERS

President—Thomas Rogers, Cornell College
Vice-President—Herbert Hendricks, Cornell College
Secretary-Treasurer—Harry T. Horner, Jr., Iowa State University
Editor—Paul Meglitsch, Drake University
Executive Secretary—Robert W. Hanson, University of Northern Iowa

DIRECTORS

Charles Allegre, Cedar Falls
William Azbell, Waverly
Richard Bovbjerg, Iowa City
Arnold Haugen, Ames
Frank Starr, Waterloo
Edwin Vaughan, Bettendorf
Robert Yager, Iowa City

SECTION CHAIRMEN FOR 1970

Archaeology—Marshall McKusick, Iowa City
Botany—Lawrence Eilers, Cedar Falls
Chemistry, Inorganic & Physical—Ching Woo, Cedar Falls
Chemistry, Organic & Biological—Jeff Kaiser, Cedar Rapids
Conservation—George Knudsen, Decorah
Engineering—W. F. Ames, Iowa City
Geology—Wayne Anderson, Cedar Falls
Mathematics—Elsie Muller, Sioux City
Physics—Roger Hanson, Cedar Falls
Physiology—G. W. Searle, Iowa City
Psychology—Thomas Hannum, Ames
Science Teaching—George Chapman, Dubuque
Zoology—Virgil Dowell, Cedar Falls

STANDING COMMITTEE CHAIRMEN

Conservation—Anold Haugen
Finance and Endowment—Edwin Vaughan
High School Relations—Frank Starr
Membership—William Azbell
Science Talent Search—Charles Allegre
Science Teaching—Robert Yager

ISTS OFFICERS

President—Lena Keithahn, Mason City
Vice-President—Verlin Fleagle, DeWitt
Secretary—William Peterson, Sioux City
Treasurer—Henry Biere, Anamosa
Past-President—George Chapman, Dubuque
Editor—Robert Yager, Iowa City
Representative of Regional Directors—Edward Flannery, Council Bluffs

REGIONAL DIRECTORS

Northwest—Milbert Krohn, Spirit Lake
North Central—Lena Keithahn, Mason City
Northeast—Dean Halvorson, Dubuque
West Central—Dennis Lee, Lake City
East Central—Verlin Fleagle, DeWitt
Southwest—Edward Flannery, Council Bluffs
South Central—Eugene Brady, Perry
Southeast—Donald Worster, Keokuk
Central—Edward Rasmussen, Newton

SECTION CHAIRMEN FOR 1969

Elementary—Dean Halvorson, Dubuque
Biology—Keith Lubbock, Monticello
Chemistry—Donald Murphy, Des Moines
Physics—Henry Biere, Anamosa
Earth Science—Verlin Fleagle, DeWitt

STANDING COMMITTEE CHAIRMEN

Election—Clifford McCollum, Cedar Falls
Membership—Lynn Glass, Iowa City
Fall Program—Eloise Soy, Cedar Falls
Spring Program—Richard Sweeney, Des Moines
Short Course—Sister Barbara Donovan, B.V.M., Emmetsburg
Policy and Resolution—George Chapman, Dubuque

AFFILIATION REPRESENTATIVES

NABT—David Fagle, Marshalltown
AAPT—Donald Schaefer, Bettendorf
CASMT—Gerald Krockover, Iowa City
NSTA—Lynn Glass, Iowa City
ISEA—Tom Scott, Des Moines
IAS—Robert Yager, Iowa City
IJAS—Frank Starr, Waterloo

The Iowa Science Teachers' Journal

The IST Journal is published each October, December, February, and April by the Iowa Academy of Science for its members and special subscribers. Its central theme is science teaching at all academic levels.

Subscription Rates: Single copies \$50; subscription, \$2.00. For subscription, circulation data, additional copies, and changes of address, contact Dr. Robert Hanson, Iowa Academy of Science, University of Northern Iowa, Cedar Falls, Iowa.

Advertising Rates: Full page, single issue \$50; \$160 per annum. For advertising information contact: Sister Mary Martina, Lenniham High, Marshalltown, or Walter DeKock, Sci., UNI, Cedar Falls.

Publication: Open to all persons interested in science education; preferential consideration for Academy members. For information as to policy as well as submission of new items of general articles, contact: Robert E. Yager, Science Education, U of I, Iowa City. All manuscripts should be typewritten, double-spaced on one side of the paper, and submitted in duplicate. They must reach the

editor three months prior to publication date if they are to be considered for a given issue.

STAFF

Managing Editor—Richard Gates, Iowa City

Advertising Committee

William Azbell, Wartburg College, Waverly
Walter DeKock, UNI, Cedar Falls
Milbert Krohn, Spirit Lake High, Spirit Lake
Sister Mary Martina, Lenniham High, Marshalltown
James Merritt, Keokuk High, Keokuk

Editorial Board

Leland Wilson, UNI, Cedar Falls
James Divilbiss, Westmar, Le Mars
Ray Haun, Drake, Des Moines
Donald Biggs, ISU, Ames
Delma Harding, ISU, Ames
George Cossman, U of I, Iowa City

News and Notes Editor—Paul Tweeten, Des Moines

Photographic Editor—Alan Whitworth, Cedar Rapids

IOWA SCIENCE TEACHERS' JOURNAL

A Publication of the Iowa Academy of Science

Volume 7

Number 2

December 1969

IN THIS ISSUE:

Open Letter to Science Teachers	2
<i>A Study in Philosophy and Goals of Science Education</i>	3
Dale Bunsen	
<i>A Comparison of the Attainment of the Common Objectives of the CBA, CHEMS, and Modern Chemistry Chemistry Courses as Reflected in Student Performance on Various Objective Measures</i>	15
Verne A. Troxel	
<i>Testing, 1, 2, 3,10</i>	18
R. R. Haun	
<i>Concerns of the Articulation Committee</i>	24
R. J. Vanden Branden and Robert Franke	
<i>Science for Students Today and Tomorrow</i>	26
Robert E. Yager	
Varied NSTA Activities Reported	31
NSF Reports on 1967 Industrial Research and Development	32

The cover photo shows an artist's conception of the Apollo astronauts landing on the moon. The earth is in the background 240,000 miles away.