

# NARST

# Newsletter

Vol. 15, No. 2 NEWSLETTER OF THE NATIONAL ASSOCIATION FOR RESEARCH IN SCIENCE TEACHING June, 1973

## MESSAGE FROM PRESIDENT WELCH

The Association owes a debt of gratitude to five out-going members of the Editorial Board of the Journal. The five retiring members are Glenn Crumb, Western Kentucky University; Jack Easley, University of Illinois; Pauline Gratz, Duke University; Eugene Lee, Emory University; and Paul Westmeyer, University of Texas at San Antonio. On behalf of the National Association for Research in Science Teaching, I would like to express sincerest thanks.

At the same time, we would like to recognize and welcome the new members of our Editorial Advisory Board. The Executive Board approved the following people to the Editorial Board. Glen Aikenhead, University of Saskatchewan; Richard Hansen, City College of the City University of New York; John Koran, University of Florida, and Rita Peterson, California State University at Hayward. (continued)

\*\*\*\*\* CALL FOR PAPERS ..... \*\*\*\*\*

PAPERS SUBMITTED FOR PRESENTATION AT THE 1974  
NARST MEETING MUST REACH THE PROGRAM CHAIRMAN

OCTOBER 15, 1973.

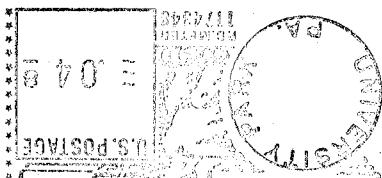
SEND TO: Robert E. Yager  
Science Education Center  
University of Iowa  
Iowa City, Iowa 52242

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DR PATRICIA E BLOSSER  
548 STINCHOMB APT 4  
COLUMBUS OHIO



BK RATE

Dr. Paul E. Bell  
179 Chambers Building  
University Park, PA 16802

Message from President Welch...

The Association benefitted doubly from the appearance of Dr. Ralph Tyler at our national meeting. Not only did he deliver an excellent paper on "Research in Science Teaching in a Larger Context" which will appear in JRST, but he also graciously donated his honorarium to the Association, thereby becoming a Patron of NARST for the next three years.

Also at the Annual Meeting, Professor Ralph Lefler, outgoing Secretary-Treasurer, became a Patron of NARST in an effort to encourage other individuals and organizations to help actively support science education research.

It will be my recommendation to the Executive Board that we use this money to establish two awards for outstanding research contribution in science education. I propose that we establish an award to the outstanding research article published in our Journal each year, and that an award be given to the outstanding presentation at the Annual Meeting. I am establishing an ad hoc committee under the Chairmanship of Richard Sagness to explore ways in which these awards might become operational. Members who have suggestions on this matter should contact Dick Sagness at the University of South Dakota.

The 46th Annual Meeting was the second largest in the Association's history as nearly 300 registrants signed in at the Detroit Hilton Hotel. Only the meeting in Washington in 1971 had a greater attendance. Although record keeping in NARST over the years is somewhat hazardous, here are figures for the past several meetings for your information.

1973 - Detroit	300
1972 - Chicago	280
1971 - Washington	470

At the Annual Meeting 137 people participated. As Program Chairman, I wish to express my sincere appreciation to all of you who helped to make this a successful meeting. A special thanks to Dick McLeod, Glenn Berkheimer, and Bob Branton at Michigan State for providing all of the A-V equipment.

To better understand the function of the Annual Meeting, a count was made on attendance at the various sessions. Several interesting facts are worth summarizing here.

- Average attendance at the 14 sessions was 144, or about 40% of those registered.
- The General Sessions were most popular drawing 165 members.
- Among the other four formats, average attendance was as follows:
 

Symposia/Panels	46
"Hour With" Sessions	43
Paper Sessions	38
Discussion Papers	21
- The familiarity (status) of the speaker seems to be a more important factor in session attendance than did the time of day.

Wayne W. Welch, President

NEWSLETTER

Plans are tentative for four NEWSLETTERS each year: May, September, December, and March. If you have information for an issue of the NEWSLETTER, send an edited copy of the item to:

H. S. Fowler  
NARST NEWSLETTER Editor  
165 Chambers Building  
The Pennsylvania State University  
University Park, PA 16802

## NATIONAL ASSOCIATION FOR RESEARCH IN SCIENCE TEACHING

1973-74 Standing Committees

At a recent Annual Meeting, President-elect Wayne Welch called upon the members of NARST to take an active role in the affairs of the Association. His goal was to make NARST a responsive and responsible research organization. To achieve these goals, all Standing Committees of the Association were activated, and the following appointments were made and approved by the Executive Board.

## 1. POLICY ADVISORY

Chairman - J. David Lockard, University of Maryland (1974)  
 Theodore Kellogg, University of Rhode Island (1974)  
 David Ost, California State--Bakersfield (1975)  
 ex officio-Robert Yager, University of Iowa (1974)

## 2. FINANCIAL ADVISORY

Chairman - Ronald Anderson, University of Colorado (1974)  
 David Englehardt, Englehardt, Inc. (1974)  
 Paul Westmeyer, University of Texas--San Antonio (1975)  
 Glenn Berkheimer, Michigan State (1976)  
 ex officio-Paul Bell, Pennsylvania State (1976)

## 3. PUBLICATIONS ADVISORY

Chairman - Eugene Lee, Emory University (1974)  
 Patricia Blosser, Ohio State (1976)  
 Mary Budd Rowe, University of Florida (1975)  
 F. James Rutherford, New York University (1974)  
 ex officio-O. Roger Anderson, Columbia University (1974)

## 4. PROGRAM

Chairman - Robert Yager, University of Iowa (1974)  
 James Gallagher, Governors State College (1974)  
 Richard Sagness, University of South Dakota (1975)  
 Paul Eggen, University of Northern Florida (1975)  
 Paul Beisenherz, Louisiana State University (1976)  
 John Schaff, University of Toledo (1976)  
 ex officio-Stanley Helgeson, Ohio State (1974)

## 5. RESEARCH

Chairman - Stanley Helgeson, Ohio State (1974)  
 William Torop, West Chester State College (1976)  
 David Butts, University of Texas (1974)  
 John Koran, University of Florida (1975)

## 6. ELECTION

Chairman - J. David Lockard, University of Maryland (1974)  
 Tom Grgurich, Cherry Hill High School (1974)  
 Rita Peterson, California State--Hayward (1974)

## 7. AAAS Representative

Section X Tom Grgurich, Cherry Hill High School (1975)  
 Section Q Marvin Druger, Syracuse University (1975)

8. Representatives to International Council of Scientific Unions -  
Committee on Science Teaching

J. David Lockard, University of Maryland  
 Wayne W. Welch, National Science Foundation

## FINANCIAL REPORT FOR APRIL 1, 1972 THROUGH MARCH 21, 1973

## Twin City Federal Savings Account:

Amount on Deposit 3/31/72	\$3,939.55
Interest Earned in 1972	198.23

## Receipts 4/1/72 - 3/21/73

Sale of luncheon tickets (Chicago)	\$ 555.00
Registration (Chicago)	802.00
Membership Dues Collected	9,795.00
Pre-registration (Detroit)	711.00
Sale of Address Labels	185.00
Received from Journal Rights	177.00
Received from ERIC/SMEAC (Support of Newsletter)	250.00
Sale of Abstracts	15.00
Sale of Back Issues of Journal	54.00
Reimbursement Air Postage for Journal	28.60
Redeposit of Cash Used During Chicago Meeting	200.00
Miscellaneous	11.13
Total	<u>\$12,783.73</u>

	BUDGETED	SPENT
John Wiley	\$5,436.00	\$ 5,322.60
Journal Editor	4,500.00	4,196.91
Abstracts	1,125.00	1,000.00
Placement	100.00	47.50
President	100.00	---
President-Elect	100.00	18.75
Cooperative Committee	150.00	---
Secretary-Treasurer		
Wages	500.00	458.51
Supplies	75.00	37.26
Computer	250.00	266.02
Postage	600.00	1,025.25
Printing	750.00	1,257.70
Telephone	300.00	273.53
Bank	25.00	1.36
Round Trip Detroit	40.00	---
Postage Scale		45.90
Postage Meter Installation and Rental		126.96
Hotel (Chicago)		993.98
Refund - Overpayment of Dues		25.00
Total		<u>\$15,097.23</u>

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Balance in Checking Account 4/1/72	\$ 8,970.38
Receipts 4/1/72 - 3/21/73	12,783.73
Receipts plus Previous Balance	21,754.11
Total Expenditures 4/1/72 - 3/21/73	15,097.23
Balance in Checking Account 3/21/73	<u>6,656.88</u>

PROPOSED BUDGET FOR 1973 - 1974

John Wiley & Sons - Publication of Journal	\$ 5,400.00
Office of Journal Editor	4,942.00
ERIC Services - Compilation of Abstracts	1,000.00
Placement Services	100.00
President-Elect's Office	100.00
President's Office	100.00
Representative on Cooperative Committee	150.00
Office of Secretary-Treasurer:	
Wages - Computer programmer, Sorting, Stuffing, Clerical	500.00
Supplies	75.00
Computer Service	300.00
Postage	1,100.00
Postage Meter Installation & Rental	150.00
Printing and Duplicating	1,400.00
Telephone	300.00
Bank Charges	25.00
Travel - 1200 miles	120.00
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Total	\$15,762.00

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Assets:

Balance in Checking Account	\$ 6,656.88
Unpaid Dues for 1973	7,500.00
Journal Rights and Address Labels	500.00
Miscellaneous Income	<u>1,110.00</u>
Total	\$15,766.88

See also item on Twin City Savings Account.

## NOTES FROM EXECUTIVE BOARD MEETINGS, DETROIT, MARCH, 1973

President Lockard appointed a Committee, Tom Grgurich, Roger Anderson, and Paul Bell to study feasibility of an increase in NARST membership dues to accommodate increasing costs of JRST. Continued affiliation with Section Q, AAAS was recommended. Your Association will support a representative to the AAAS Cooperative Committee meetings. The 1974 Annual Meeting will be in conjunction with AERA in Chicago. NARST will meet April 16-18, and AERA April 15-19. Nominations for officers in NARST will be requested twice in the NEWSLETTER. For information concerning methods of making nominations, contact J. David Lockard, Science Education Center, University of Maryland, College Park, Md. 20742.

The Financial Advisory Committee appointed by President Welch is composed of Ronald D. Anderson, Chairman, plus Paul E. Bell, David F. Engelhardt, Paul Westmeyer and Glenn D. Berkheimer.

The NEWSLETTER (September) will contain a copy of the petition for nomination of officers.

The Executive Committee will meet in October. If members have inclusions for this agenda, please mail to Wayne W. Welch, President, NARST, NSF, Washington, D. C. 20550.

If any member has questions concerning the "Patron Status" of membership, he should contact President Welch.

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## NOTES FROM JRST EDITORIAL BOARD MEETING, DETROIT, MARCH, 1973

New Editorial Board Members were approved by the Board and Richard Hansen was accepted as Book Review Editor. The Board requested Richard Hansen to supply some criteria for the kinds of books most appropriate for review in the Journal.

In order to improve turnover time, it was urged that manuscripts be reviewed within one week following their receipt. Manuscripts will be stamped with the date when they are sent from the office.

The Editorial Board agreed that JRST should publish the more theoretical and heuristic kinds of research studies and Science Education publish largely applied research studies and essays on teacher education. Whenever possible, however, JRST should show the impact of research on classroom practice or curriculum design.

Convention addresses supported by ERIC will be given priority publication.

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## NARST PLACEMENT INFORMATION SERVICE

This service provides NARST members with listings of available opportunities and personnel seeking employment.

One listing is distributed late in January. Information received after the first compilation is distributed at the Annual Meeting. Contacts and interviews are the responsibility of the prospective employers and employees.

Members of NARST who have vacancies available in Science Education, and are at Institutions of higher learning committed to the Affirmation Action Program, are reminded that the NARST Placement Service is a national service devoted to placement of science educators in higher education. As such, the Affirmation Action Program requires that vacancies be listed with our service. Please mail information to the NARST Coordinator of Placement: Marvin Druger, Biology and Science Education, 800 Biological Research Labs, Syracuse University, Syracuse, New York 13210.

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PAUL WESTMEYER, is Dean, Division of Advanced Study, University of Texas at San Antonio, San Antonio, Texas 78228.

GERALD H. KROCKOVER, Purdue University, was the recipient of the AETS Outstanding Science Educator Award during the Association's meetings in Detroit. The award includes \$1,000 from the Shell Companies Foundation, Inc.

N. ELDRED BINGHAM, Professor Emeritus, University of Florida, and Editor, Science Education received the NSTA Citation for Distinguished Service from NSTA during the March meeting of the Association.

GEORGE MALLINSON, Dean, Western Michigan University's Graduate College served as chairman of a Conference on Rehabilitation of the Blind in St. Louis in March. The Conference was funded by the Office of Social and Rehabilitation Services of HEW. The key purpose of the meeting was to organize and coordinate the services for the blind which are now available all over the country.

FRANK X. SUTMAN, Chairman of Temple University's Department of Science Education, is helping to develop a graduate study program in science education for secondary school teachers at Hebrew University, Jerusalem, Israel. Frank will return to Temple in July.

JOHN RENNER, Professor of Science Education and Director of the Heuristic School, U. of Oklahoma, suffered a coronary episode in February, but remains active in both state and national programs in Science Education.

J. DAVID LOCKARD was elected president of the International Council for Science Education at the group's meeting at the University of Maryland in April, 1973.

STANLEY E. WILLIAMSON who received the first Carleton Award at the March meeting of NSTA was recently named Dean of the College of Education at Oregon State University.

An Australian Science Education Research Association has now been in existence for 3 years. The papers presented at its Annual Meeting have been published by the Association since the second meeting. "Research 1971" and "Research 1972" are available from the present executive editor, Dr. R. P. Tisher, Faculty of Education, University of Queensland, Brisbane, Queensland, 4067, Australia. Price \$2.50.

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## IN MEMORIAM

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ELLSWORTH S. (BUD) OBOURN

CHARTER MEMBER AND FORMER SECRETARY OF NARST DIED IN FORT LAUDERDALE, FLORIDA ON DECEMBER 21, 1972. BUD WAS ACTIVE IN NARST FOR MANY YEARS AND WAS AWARDED A CERTIFICATE FOR DISTINGUISHED SERVICE TO SCIENCE EDUCATION BY NARST IN 1961. BUD HAD A LONG AND DISTINGUISHED CAREER IN SCIENCE EDUCATION AND SERVED MANY YEARS AS SPECIALIST FOR SCIENCE IN THE U.S. OFFICE OF EDUCATION, HEW.

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## YOUR NARST OFFICERS; 1973-74

## PRESIDENT

Dr. Wayne W. Welch  
National Science Foundation  
5225 Wisconsin Avenue N.W.  
Washington, D. C. 20550

After September 1, 1973:  
College of Education  
University of Minnesota  
Minneapolis, Minnesota 55455

## PRESIDENT ELECT

Dr. Robert E. Yager  
Science Education Center  
University of Iowa  
Iowa City, Iowa 52242

## SECRETARY-TREASURER

Dr. Paul E. Bell  
Division of Academic Curric. & Instruction  
The Pennsylvania State University  
179 Chambers Building  
University Park, Pennsylvania 16802

## IMMEDIATE PAST PRESIDENT

Dr. J. David Lockard  
Science Teaching Center  
University of Maryland  
College Park, Maryland 20742

## RESEARCH COORDINATOR

Dr. Stanley L. Helgeson  
Faculty of Science Education  
Ohio State University  
Columbus, Ohio 43210

To list employment opportunities contact:

Dr. Marvin Druger  
Center for Science Education  
Education, 101 Heroy Building  
Syracuse University  
Syracuse, New York 30322

EDITOR, JOURNAL OF RESEARCH IN  
SCIENCE TEACHING

Dr. O. Roger Anderson  
Department of Science Education  
Teachers College, Columbia University  
New York, New York 10027

## EDITOR, NEWSLETTER

Dr. H. Seymour Fowler  
Chairman, Science Education Faculty  
The Pennsylvania State University  
165 Chambers Building  
University Park, Pennsylvania 16802

## BOARD MEMBERS

Dr. Ronald D. Anderson (1974)  
University of Colorado, School of Education  
Boulder, Colorado 80302

Dr. Marvin Druger (1976)  
Center for Science Education  
101 Heroy Building  
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Syracuse, New York 13210

Dr. Eugene Lee (1974)  
Division of Educational Studies  
Emory University  
Atlanta, Georgia 30322

Dr. Mary Budd Rowe (1975)  
College of Education  
University of Florida  
Gainesville, Florida 32601

Dr. Richard Sagness (1976)  
Coordinator of Science Education  
University of South Dakota  
Vermillion, South Dakota 57069

Dr. Paul Westmeyer (1975)  
Division of Advanced Studies in Education  
The University of Texas at San Antonio  
San Antonio, Texas 78228

NOMINATION FORMS FOR 1974-75 OFFICERS

WILL BE INCLUDED IN THE SEPTEMBER

NEWSLETTER