

NATIONAL ASSOCIATION FOR RESEARCH  
IN SCIENCE TEACHING

1981 Spring Meeting of the Executive Board  
Grossinger's in the Catskills  
April 5 and April 8, 1981

AGENDA

April 5, 1981: 5:30-7:00 pm  
8:30-10:00pm

April 8, 1981: 9:30-11:00am

1. Review of the minutes of the Executive Board Meeting held in Kansas City, MO, October 30-31, 1980.
2. Committee appointments, 1981-82.
3. Executive Secretary's report
  - a. Financial report
  - b. Membership report
  - c. External organizations
  - d. Future meeting sites
  - e. Other
4. Report of the Editor of JRST
5. Committee Reports
  - a. Elections Committee
  - b. Research Committee
  - c. Publications Advisory Committee
  - d. JRST Awards Committee
  - e. NARST Awards Committee
  - f. Membership Committee
  - g. Placement Services Committee
  - h. Interorganizational Liaison Committee
6. Information from the President
  - a. Follow up to the Science Education: Accomplishments and Needs publication
  - b. Other

~~7. Publication of the President's Address~~

8. Other Business

- a. Report from Paul Joslin
- b. Registration of non-members
- c. One-day registration

AERA  
March 19-23, 1982  
New York

NSTA

April

Referred Chicago  
① Routine part in Journal  
② Be submitted to Editor

③ Newsletter

④ Special publication

⑤ Pub in ISE

(Under 5-c.)

Research Report  
from Pub Adv  
Comm as  
Remuneration  
JRST

Holiday Inn-Kansas City Airport  
October 30, 1980

The regular Fall meeting of the Executive Board of NARST was held in the Board Room and was convened at 12:30 p.m. by President Helgeson with the following in attendance:

Voting Members

Stan Helgeson, President  
John Renner, Immediate Past President  
James Barufaldi, Board Member  
J. A. Easley Jr., Board Member  
Dudley Herron, Board Member  
Ann Howe, Board Member  
Tony Lawson, Board Member  
John Wilson, Board Member  
Art White, Research Coordinator

Non-Voting Members

Paul Joslin, Executive Secretary  
Bill Holliday, Executive Secretary-Elect  
Jim Shymansky, Journal Editor

Members Absent

Rita Peterson, President-Elect, due to resignation  
Don McCurdy, NSTA representative, due to conflict

M: Herron, Barufaldi to approve the agenda as presented with the following change: 9F to follow 3. MOTION PASSED.

President Helgeson presented a letter of resignation from President-Elect Rita Peterson and recommended the appointment of J. Renner for reasons outlined in a letter sent to Board members on September 5, 1980.

M: Herron, Easley, to accept Peterson's resignation with regret, recognizing and approving her reasons for doing so and further to appoint John Renner to the office of President-Elect for the term expiring April 6, 1981 and further noting that under the Bylaws and these circumstances the President shall serve two years. MOTION PASSED.

M: Herron, Barufaldi, to extend the term of John Renner as Immediate Past President through the year 1981-82, for a term expiring with the Annual Business meeting 1982. MOTION PASSED.

Policy Advisory Committee Report J. Renner 12:40 p.m.

M: Easley, Wilson to accept the report of the Policy Advisory Committee and to consider its' recommendations. MOTION PASSED.

Discussion of Bylaws relating to vacancies.

M: Renner, Barufaldi, to revise Bylaws to state that if the office of President-Elect becomes vacant within sixty days following the annual meeting the office shall be filled by a special election and further directing the

✓ Policy Advisory to prepare the appropriate Bylaws change for submission to a vote of the members. MOTION PASSED.

M: Renner, Herron, that members of the Executive Board and members of standing and special committees designated as ex-officio have voting status, this also to include the Executive Secretary and JRST Editor when on committees, and that the Bylaws be revised if necessary. Herron commented that he felt that chairmen of all standing committees should be appointed from members of the Executive Board because this would improve communication and leadership. MOTION PASSED.

✓ M: Howe, Renner, that it be established as policy that the chairman of the Publication Advisory Committee and the chairman of the Financial Advisory Committee be appointed from members of the Executive Board; and referring this matter to the Policy Advisory Committee for Bylaws changes if necessary. MOTION PASSED.

Program Committee Report - J. Renner 1:15 p.m.

The Board examined the proposed program. Chairman Renner reported that the number of proposals and acceptances was about the same as last year. He noted the addition of Poster Sessions and the "hour with" sessions for the journal editor, the president-elect, and the past presidents of NARST and NSTA.

There was discussion concerning whether or not to charge, and if so, how much, for the research sessions.

M: Renner, Lawson, to charge one dollar admission and to notify presenters that each would have \$25.00 for the cost of materials and duplicating. MOTION LOST.

M: Wilson, Herron, that tickets be required for Research Sessions with the charge to be commensurate with the costs of materials only. MOTION PASSED WITH 1 NAY.

✓ M: Easley, Wilson, that the Program Committee be appointed from those Board members whose terms are nearest expiration. MOTION PASSED.

Executive Secretary's Report - P. Joslin 2:15 p.m.

The Executive Secretary presented preliminary financial and membership reports for 1980 and responded to questions.

M: Herron, Wilson, to accept the reports. MOTION PASSED. (These are included in the agenda report and are a part of these Minutes.)

President Helgeson declared a ten minute recess at 2:50 p.m.

Financial Advisory Committee Report - J. Herron 3:00 p.m.

M: Renner, Lawson, to accept the report. Chairman Herron reported problems he had in making recommendations due to lack of prior knowledge of the association's finances. There was also the problem of forecasting expenses in the new setting for the executive office. MOTION PASSED.

1981 Budget - P. Joslin and W. Holliday 3:20 p.m.

The 1981 proposed budget was considered and problems presented by rising costs and declining membership were noted. Journal subscriptions costs for 1981 will be \$20.00, up from \$17.50 in 1980. Various options for reducing costs and increasing income were discussed including:

1. Selecting members for the Program Committee who live close to the future meeting site.
2. Selling abstracts.
3. Eliminating the Fall meeting of the Board.
4. Making the Program Committee a subset of the Executive Board.
5. Increasing dues.
6. Forming an Executive Committee of the Board which would make recommendations to be considered by the Board by mail or conference phone call.
7. Increasing registration fee for Annual Meeting.

It was decided by consensus to delay budget approval until the next day so that members could consider the various options.

President's Report - S. Helgeson 4:30 p.m.

President Helgeson reported on relationships with other organizations. The financial and membership position of NSTA has improved considerably under new Executive Director, Bill Aldridge. He has studied the membership rolls of NSTA and AETS and found a 70% overlap.

With respect to the AETS guidelines for the doctorate in science education President Helgeson will obtain and send copies to Board members.

The meeting recessed for dinner at 4:55 p.m.

The meeting was reconvened at 7:30 p.m.

Agenda Item 7-B Status of Science Education -J. Renner

R. Yager, as the Research Director of NSTA, was asked by NSTA to conduct a survey of 100 members of five major science education organizations, (NARST, NSTA, CESI, AETS, NSSA). A meeting was held in Iowa City last week to collate responses and to begin the analyses.

1981 Budget - W. Holliday and P. Joslin 7:50 p.m.

The budget was considered and minor changes made.

M: Lawson, Herron, to add a \$10.00 surcharge to the journal subscription cost for members not residents of North America. MOTION PASSED.

M: Herron, Howe, to approve the budget as revised. MOTION PASSED. (A copy is attached and is a part of these minutes.)

The President declared a recess at 8:55 p.m. and asked the Board to reconvene at 8:30 a.m. the next day (10/31).

Journal Editor's Report - J. Shymansky 8:30 p.m.

M: Lawson, Easley, to confirm nominations to the Editorial Advisory Board.  
MOTION PASSED WITH 1 NAY.

A long involved discussion ensued concerning the following and related ideas:

- Exact duties of Editorial Advisory Board
- Optimum size of Editorial Advisory Board
- Relationships among Journal Editor, Editorial Advisory Board, Publications Advisory Committee and the Executive Board.
- Manner of nominating and confirming members of Editorial Advisory Board

The discussion centered on how to continue producing a very high quality journal by keeping good ideas while generating new ideas and while also fulfilling obligations to the members and to the profession, generally.

Lawson suggested making the Publications Advisory Committee a subset of the Editorial Board. Herron supported this, but Barufaldi was opposed on the basis that a main purpose of the Publications Advisory Committee is to generate new publication ideas. White and Lawson then suggested a compromise - The Publications Advisory Committee could be composed of two members of the Executive Board, two members of the Editorial Review Board and the Journal Editor.

9:55 a.m.

M: ✓ Herron, Renner to instruct the Journal Editor to take questions concerning the Editorial Review Board and other policy questions relating to the Journal to the Publications Advisory Committee. MOTION PASSED WITH 2 NAYS.

✓ M: Herron, Renner, that the Chairman of the Publications Advisory Committee be appointed from Board membership, that at least three Committee members be Board members, and at least two Committee members be members of the Editorial Advisory Board. MOTION PASSED.

NOTE: The Publications Advisory Board will be constituted as follows:

1. Executive Board Member, Chairman
2. Executive Board Member
3. Executive Board Member
4. Journal Editor
5. Editorial Review Board Member
6. Editorial Review Board Member

M: Lawson, Wilson to accept the Journal Editor's recommendation to appoint the following to the Journal Editorial Advisory Board:

Dorothy Gable  
John Renner  
Avi Hofstein  
Fred Finley  
Warren Wollman  
Lawrence Lowery  
Linda Deture  
George Cossman  
Frances Lawrenz

Howe noted that the effect of passing this motion would be to increase the size of the Editorial Advisory Board by five because nine appointments were being made for four whose terms were expiring. She stated that this was contrary to the recommendation of the Publications Advisory Board urged defeat of the motion.  
MOTION PASSED WITH 2 NAYS.

Presidential Address at Annual Meeting 10:35 a.m.

J. Renner will give this year's (1981), and S. Helgeson, next year's (1982), presidential address.

M: Lawson, Herron, that consideration of the publication of the Presidential Address for the Journal or elsewhere be referred to the Publications Advisory Committee. MOTION PASSED.

Survey of Research Needs Report - A. White 10:40 a.m.

This report is between the 2nd and 3rd writing.

M: Herron, Barufaldi, that the disposition of the report be referred to the Publications Advisory Committee. MOTION PASSED.

President Helgeson stated his opinion that the Board should see the report also and that A. Howe should take copies to the Publications Advisory Committee.

Elections Committee - J. Renner 10:55 a.m.

The following nominees were recommended by the Elections Committee:

For President: Carl Berger  
Marjorie Gardner

For Board Members:  
Michael Abraham  
Rodger Bybee  
Dorothy Gabel  
Jane Kahle

M: Renner, Wilson to approve nominees. MOTION PASSED.

Research Committee - A. White 11:10 a.m.

1. Investigations in Science Education is two years ahead on materials for publication.
2. NARST - NSTA Network Project. The preliminary proposal submitted to the NSF was denied. It was adjudged appropriate but not competitive. The research question was not specified clearly enough. Chairman White would like to revise and resubmit the proposal.

11:28 a.m.

M: Lawson, Herron, to approve the following future meeting sites and dates

1982	Denver	April 16-18	AERA
1983	Dallas	April 6-8	NSTA

and to authorize the Executive Secretary to seek resort settings nearby as was done for 1981. MOTION PASSED.

New Executive Secretary's Office - W. Holliday 11:30 a.m.

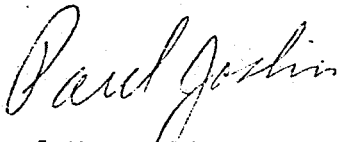
W. Holliday described a proposal to seek outside unrestricted support to fund the office of the Executive Secretary at a higher level. He also asked for Board approval to study all phases of the financial operation of NARST.

- ✓  
M: Easley, Howe, to authorize the Executive Secretary to completely evaluate the financial affairs of NARST and further to seek outside unrestricted financial support with suitable recognition of such support for the office of the Executive Secretary and the Association in general. MOTION PASSED.
- M: Howe, Easley, to commend Paul Joslin for his five years excellent service as the first Executive Secretary and to direct the President to send a letter of appreciation and commendation to Paul and also to Drake University for its' five years of support. MOTION PASSED.
- ✓  
M: Wilson, Howe, to authorize P. Joslin to retain records not needed by W. Holliday for the purpose of building and classifying archival records of NARST. Motion passed.

The letter from Charles Matthews, Dorothy Schlatt, and Ron Good concerning allegations of restriction of academic freedom at their university was read.

President Helgeson adjourned the meeting at 11:36 a.m.

Respectfully submitted,



Paul H. Joslin  
Executive Secretary

/pk

Founded 1928  
Incorporated 1961

Sponsoring The Journal of Research in Science and Teaching  
Affiliated with NSTA, AAAS and ICASE

# NATIONAL ASSOCIATION FOR RESEARCH IN SCIENCE TEACHING

EXECUTIVE SECRETARY  
Dr. William G. Holliday  
NARST-EDCI  
The University of Calgary  
Calgary, Alberta  
Canada T2N 1N4

81 March 23

PRESIDENT  
Dr. Stanley L. Helgeson  
Science & Mathematics Education  
The Ohio State University  
Columbus, OH 43210

IMMEDIATE PAST PRESIDENT  
Dr. John W. Renner  
Physical Sciences Ctr., Room 323  
University of Oklahoma  
Norman, OK 73019

BOARD MEMBERS  
Dr. James P. Barufaldi (1983)  
Science Education Center  
Education Building 340  
University of Texas at Austin  
Austin, TX 78712

TO : Board Members.

FROM: William G. Holliday  
Executive Secretary

Dr. J.A. Easley, Jr. (1982)  
Bureau of Educational Research  
University of Illinois  
Urbana, IL 61801

Dr. J. Dudley Herron (1983)  
Department of Chemistry  
Purdue University  
West Lafayette, IN 47907

Dr. Ann C. Howe (1981)  
101 Heroy Building  
Syracuse University  
Syracuse, NY 13210

Dr. Anton Lawson (1981)  
Science Education-Dept. Physics  
Arizona State University  
Tempe, AZ 85281

Dr. John T. Wilson (1982)  
Science Education - Physics Bldg.  
University of Iowa  
Iowa City, IA 52242

JOURNAL EDITOR  
Dr. James Shymansky (1985)  
Science Education - Physics Bldg.  
University of Iowa  
Iowa City, IA 52242

RESEARCH COORDINATOR  
Dr. Arthur White (1983)  
Science & Mathematics Education  
The Ohio State University  
Columbus, OH 43210

PLACEMENT COORDINATOR  
Dr. John E. Penick (1981)  
Science Education - Physics Bldg.  
University of Iowa  
Iowa City, IA 52242

NSTA REPRESENTATIVE  
Dr. Donald W. McCurdy (1981)  
National Science Teachers Association  
1742 Connecticut Avenue, NW  
Washington, DC 20009

Re: Executive Secretary's Reports

Enclosed are the executive secretary's reports written for the 1981 annual meeting at Grossinger's. In addition, I have enclosed a copy of the information package to be presented on Sunday, April 5, to members registered for the NARST annual meeting.



54TH ANNUAL MEETING: GROSSINGERS IN THE CATSKILLS APRIL 5-8, 1981  
SEND OFFICIAL CORRESPONDENCE TO THE EXECUTIVE SECRETARY (TELEPHONE 403-284-7485)

Financial Report

William G. Holliday  
Executive Secretary

A. Budget Report

The following 1981 budget was approved by the executive board on October 31, 1981. Fiscal information (including savings accounts) dealing with years previous to 1981 will be submitted to the board by Dr. Paul Joslin.

1981 Budget

Revenues			
MEMBERSHIP DUES . . . . .			23066.00
Regular	660 @	34.00	22440.00
Sustaining	7 @	68.00	476.00
Patron	1 @	150.00	150.00
Life	8 @	None	-
Emeritus	35 @	None	-
ANNUAL MEETING . . . . .			5150.00
Registrations	200 @	25.00	5000.00
Technique Sessions			150.00
OTHER . . . . .			1800.00
Interest on Checking Account			400.00
Journal Royalties			1200.00
Bank Credits			100.00
Miscellaneous			100.00
TOTAL INCOME			\$31116.00

Expenditures

PRESIDENT'S OFFICE . . . . .	120.00
Postage	60.00
Supplies	60.00
EXECUTIVE BOARD . . . . .	2600.00
Spring Meeting	100.00
Fall Meeting	2600.00
EXECUTIVE SECRETARY'S OFFICE . . . . .	4403.00
Postage	1800.00
Supplies	450.00
Phone	1453.00
Photocopying	None
Typing	None
Travel	700.00
MEMBERSHIP . . . . .	1300.00
Newsletters 5 @ 140.00	700.00
Promotions	600.00
JOURNAL AND EDITOR OFFICE . . . . .	14860.00
Subscriptions 668 @ 20.00	13360.00
Editor's Postage	800.00
Editorial Board Breakfast	100.00
Editor's Travel	600.00
ANNUAL MEETING . . . . .	4900.00
Program Committee Meeting	2500.00
Program Printing and Mailing	700.00
Abstracts	1000.00
Luncheon	---
Lectures	---
Awards	200.00
Supplies	150.00
Miscellaneous	320.00
Technique Sessions	30.00
RESEARCH COMMITTEE . . . . .	700.00
Research Projects	700.00
OTHER . . . . .	397.00
Financial Audit	25.00
Bank Debits	100.00
ICASE Dues	72.00
Miscellaneous	200.00
TOTAL EXPENSES . . . . .	29280.00
BALANCE ON HAND 12/31/81 . . . . .	1836.00
TOTAL EXPENDITURES . . . . .	\$31116.00

B. Comments on the 1981 Budget

The proposed revenues and expenditures described in the 1981 budget appear reasonable. However, there appears to be a discrepancy between the budgeted travel allowances and actual travel costs. This discrepancy is a result of recent air fare increases - 30% during 1980 and 18% to 27% during 1981. These expenditures are likely to remain unpredictable, thus complicating the allocations of travel funds in future budgets.

It is estimated 1981 expenditures incurred by the office of the executive secretary will exceed \$8000. Fortunately, the University of Calgary has made a one-time contribution of \$2000 (\$1660 in U.S. funds) from its endowment fund and a one-time contribution of \$1000 (\$830 in U.S. funds) from its special educational projects fund. In this regard, it is the intention of the executive secretary to generate additional revenue to cover general expenditures and to cover indirect costs of selected services to the membership. General expenditures will be supported using fund-raising mechanisms described in a motion approved at the 1980 fall meeting. Indirect costs will be supported by requiring users of services to cover such costs. For example, there will be a gross profit of \$600 from the Grossinger charter bus, which will be used to cover annual meeting costs incurred by the executive secretary's office. In all cases, the president of NARST shall be kept informed of these revenues and expenditures. Moreover, competent record will be kept for inspection by the board, the University of Calgary and an external auditor.

C. Reactions to the Financial Advisory Committee Report, October 1980

1. A budget and fiscal report for a particular year will have a fiscal year end of December 31. Thus, revenues received in 1981 but intended for 1982 use will appear only in a 1982 statement of accounts. This procedure will ease one potential problem addressed by the financial advisory committee in their report of October, 1980. In addition, the committee also recommended that more detailed explanations of item expenditures be provided in future fiscal reports. This recommendation will be adopted, wherever possible.

Finally, the committee expressed a concern for the financial well-being of NARST and a set of recommendations including the burdensome costs of annual meetings and of the Association's publication - Journal of Research in Science Teaching. It is the intention of the executive secretary to attend to these matters during the next twelve months with the goal of improving the financial picture of NARST while improving the quality of services offered to the membership. On this point, the executive secretary appreciates the advice received from board members regarding these matters. In particular, advice from Dr. Paul Joslin clearly has been most helpful.

D. 1981 Revenues to March 20, 1981

The controller's office of the University of Calgary reported that total revenue for NARST (March 20, 1981) were \$18850.39 in U.S. funds using an exchange rate of .845. This amount does not include chartered bus revenues.

E. Disbursement of Funds

The controller's office of the University of Calgary will disburse all funds, as originally agreed to by NARST. Consequently, claims made on the NARST account must be done in accordance with "good accounting procedures." For example, travel claim invoices to NARST must be submitted using the following procedure:

General Instructions

1. All items must be listed in chronological order on a claim invoice to NARST.
2. All items must be amply described or itemized. Grouping of items is not permissible unless a breakdown is shown. Expenses should be listed in U.S. funds unless prior agreement is reached with the executive secretary.
3. Fares should be described as return, one way, all inclusive, group, weekend rate, etc., and indicate starting point and destination.
4. Receipts and vouchers, as required under Regulation 13 below should be stapled to the BACK of the claim in the order in which they appear on the claim.
5. Automobile mileage/kilometers - describe actual miles or kilometers.
6. Approvals - ALL CLAIMS ARE TO BE SIGNED AND DATED BY THE CLAIMANT AND APPROVED BY THE EXECUTIVE SECRETARY.

Travel Regulations

1. Air travel shall be reimbursed at an amount not exceeding ECONOMY rates by the most direct route. In those circumstances where air travel has occurred at rates less than economy (e.g., charter flights), reimbursement will be the actual out-of-pocket fare expense. Additional fare costs incurred for stopovers which are not related to NARST business will not be reimbursed.
2. Rail fares shall not exceed first class transportation and lower standard berth or roomette.
3. Private automobile expenses may be claimed at an agreed-to rate and based solely on the mileage/kilometers using the most direct route, providing such travel means are reasonable compared to air travel.

4. Rental of automobiles is not authorized unless a saving is evident. A brief explanation of the circumstances is required if car rentals are claimed. The claimant should seek prior approval from the executive secretary.
5. Expenditures for travel insurance will not be reimbursed.
6. Meal charges are to be detailed and are to include gratuities paid to waiters.
7. Reimbursement for hotels, motels, and other lodgings will be limited to reasonable amounts and will not exceed the single occupancy rate.
8. Long distance toll charges and telegrams are to be shown separately. The claimant should seek prior approval from the executive secretary.
9. Laundry and valet charges will not be allowed unless absence is in excess of seven days.
10. Gratuities other than for meals are to be detailed.
11. Where entertainment expense is incurred the amounts and persons entertained are to be separately identified on the claim. The expense is to be approved by the executive secretary.
12. Expenditures designated "sundry" will not be reimbursed.
13. ORIGINAL receipts or vouchers are required for air and rail fares, lodgings and in general for all items except bus fares, mileage claims, meals, telegrams, telephone calls, gratuities or local taxis. Claims for air and rail fares should be supported by the passenger's copy of the ticket.
14. Special concerns - when in doubt, telephone the executive secretary.

F. Dr. Paul Joslin

Dr. Joslin has been most helpful to me in describing and instructing the new executive secretary in the financial operations of NARST. He has taken a great deal of time to explain efficient ways of processing revenues and expenses. It is doubtful anyone comprehends the time and effort Dr. Joslin and Drake University have contributed to keeping NARST financially viable.

April, 1981

Membership Report

William G. Holliday  
Executive Secretary

*1 apr 81  
529 total*

A. Paid Membership to March 20, 1981

Regular (U.S., Canada, Mexico)	481
Regular (other countries)	32
Sustaining	6
Patron	1
Life	8*
Emeritus	25

*6 Life Members*

\*W.B. Teeters' address is unknown

Bertha Parker passed away on November 19, 1980

B. Emeritus Membership

*approved*

Move that the status of the following NARST members change from regular to emeritus: ~~Earl A. Sargent~~, Harvey J. Goehring, Jr., Robert Stollberg, Paul Blackwood and Kelso B. Morris.

C. Membership List

The executive secretary will mail each board member a list of members with their phone numbers. The list will contain members paid as of June 30, 1981.

Election Report

William G. Holliday  
Executive Secretary

Dr. John W. Renner, immediate past president and chairperson of the election committee, reported to the executive secretary the election results for 1981. Dr. Renner said that he would be glad to provide the exact results of the election to members desiring such information.

President: Dr. Carl F. Berger

Board Members: Dr. Roger W. Bybee  
Dr. Jane B. Kahle

The executive secretary reported by telephone general balloting results to available candidates running in the 1981 elections. Dr. Renner wrote conferring letters to each candidate and thanked the candidates for their participation in the election.

External Organizations

William G. Holliday  
Executive Secretary

A. The Association for Science Education

In response to a general letter of inquiry by the NARST executive secretary, The Association for Science Education (ASE, headquartered in England) expressed an interest in exchanging publications, thus establishing a joint affiliation with each other. ASE "was a founder member of ICASE and is the equivalent association in the United Kingdom, to the NSTA in the United States."

Moved that NARST become jointly affiliated with The Association for Science Education in accordance with their letter (dated January 29, 1981) to the NARST executive secretary.

B. International Council of Associations for Science Education (ICASE)

The International Council of Associations for Science Education (ICASE) will hold a general assembly in Paris on November 21-22, 1981. NARST is a member of ICASE and will continue to pay dues to this organization.

C. Other Organizations

Other organizations associated with NARST are topic of separate reports.

Future Meeting Site - Denver/Boulder in 1982

William G. Holliday  
Executive Secretary

NARST is scheduled to meet with AERA which is meeting in downtown Denver, April 12-16, 1982. Apparently, it would be convenient, in terms of meeting costs and facilities, for NARST to meet from Thursday (late afternoon), April 15 through Sunday (2:30 p.m.), April 18 - using a timetable similar to the 1981 meeting.

The executive secretary has evaluated many potential locations in the Denver area in regard to the 1982 NARST annual meeting. At this time, none of the facilities are prepared to sign a reasonable contract with NARST. However, preliminary discussions with many persons leads the executive secretary to believe that the College Inn Conference Center (a University of Colorado facility) located in downtown Boulder constitutes the best 1982 meeting site for NARST. The College Inn Conference Center will probably agree to a package contract including deluxe rooms (carpet, double beds, bath, color television with cable, telephone and private balcony), ample meeting rooms, registration and promotional assistance, a banquet, and an on-site conference aid. Because of the large number of very good restaurants near the College Inn, it is recommended that NARST not pick up the meal option offered by the Inn. This option would cost College Inn guests about \$27 per day. The cost of using the entire College Inn Conference Center can be absorbed through room charges of \$37 (double occupancy) or \$45 (single occupancy) per day, assuming a three-day stay of 150 people. Apparently, this cost estimate is the lowest possible price offered by any other reasonable facility in the Denver area including equivalent facilities at Keystone (about \$60 per day, not including an immediate deposit of \$2500 from the NARST treasury), and Snowmass in Aspen, CO (about \$75 per day). Downtown Denver sites offering equivalent facilities clearly are more expensive, according to information described in the Official Meeting Facilities Guide, three local sales managers, two professional meeting planners and two local science educators.

The recommended meeting site at the College Inn Conference Center has been discussed in detail with the NARST president, Dr. Stanley Helgeson, and some other board members. Agreement in judgement is evident from those discussions. In regard to the search for a 1982 meeting site, the executive secretary thanks Dr. Ronald Anderson, Ms. Gwen Ritter, Mr. Jack Rook and Dr. James Whales of the University of Colorado, Dr. F.E. Friot of the Metropolitan State College in downtown Denver, Mr. Gary Karp of David Green Associates and Mr. Mark Bailey of Meetings Incorporated.

## Other

- ① Plans to upgrade the Newsletter
- ② Promotional brochure being prepared
- ③ Early bus

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Incorporated 1961

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Affiliated with NSTA, AAAS and ICASE

# NATIONAL ASSOCIATION FOR RESEARCH IN SCIENCE TEACHING

## EXECUTIVE SECRETARY

Dr. William G. Holliday  
NARST-EDCI  
The University of Calgary  
Calgary, Alberta  
Canada T2N 1N4

## PRESIDENT

Dr. Stanley L. Helgeson  
Science & Mathematics Education  
The Ohio State University  
Columbus, OH 43210

## IMMEDIATE PAST PRESIDENT

Dr. John W. Renner  
Physical Sciences Ctr., Room 323  
University of Oklahoma  
Norman, OK 73019

## BOARD MEMBERS

Dr. James P. Barufaldi (1983)  
Science Education Center  
Education Building 340  
University of Texas at Austin  
Austin, TX 78712

Dr. J.A. Easley, Jr. (1982)  
Bureau of Educational Research  
University of Illinois  
Urbana, IL 61801

Dr. J. Dudley Herron (1983)  
Department of Chemistry  
Purdue University  
West Lafayette, IN 47907

Dr. Ann C. Howe (1981)  
101 Heroy Building  
Syracuse University  
Syracuse, NY 13210

Dr. Anton Lawson (1981)  
Science Education-Dept. Physics  
Arizona State University  
Tempe, AZ 85281

Dr. John T. Wilson (1982)  
Science Education - Physics Bldg.  
University of Iowa  
Iowa City, IA 52242

## JOURNAL EDITOR

Dr. James Shymansky (1985)  
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University of Iowa  
Iowa City, IA 52242

## RESEARCH COORDINATOR

Dr. Arthur White (1983)  
Science & Mathematics Education  
The Ohio State University  
Columbus, OH 43210

## PLACEMENT COORDINATOR

Dr. John E. Penick (1981)  
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University of Iowa  
Iowa City, IA 52242

## NSTA REPRESENTATIVE

Dr. Donald W. McCurdy (1981)  
National Science Teachers Association  
1742 Connecticut Avenue, NW  
Washington, DC 20009

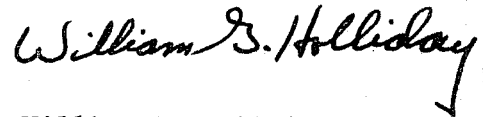
Welcome to the 54th annual meeting of the National Association For Research In Science Teaching (NARST). If you have questions, please contact the NARST information desk during their posted hours. In addition, Dr. Wilson will answer questions regarding the New York City-Grossinger's charter bus. Of course, officers of NARST will also be available to answer your questions throughout this conference.

The results for the 1981 election of officers are as follows. Dr. Carl Berger (University of Michigan) was elected president and Drs. Roger Bybee (Carlton College) and Jane Kahle (Purdue University) were elected board members. Finally, the two Bylaw additions have been unofficially approved by the membership.

It will be recommended to the executive board that NARST meet at the College Inn Conference Centre in Boulder, April 15-18, 1982. Because the University of Colorado-Boulder operates this facility, rates for holding the conference at the College Inn are most reasonable (i.e., about \$37-double occupancy and \$45-single occupancy).

The next edition of the newsletter will be mailed in June. Please send (by April 30) any items you feel should be included in this newsletter to the Executive Secretary.

Sincerely,



William G. Holliday  
Executive Secretary

/hbs

54TH ANNUAL MEETING: GROSSINGERS IN THE CATSKILLS APRIL 5-8, 1981  
SEND OFFICIAL CORRESPONDENCE TO THE EXECUTIVE SECRETARY (TELEPHONE 403-284-7485)

March 5, 1981

TO: NARST EXECUTIVE BOARD

FROM: J.A. Shymansky, Editor

RE: Annual Report of the Journal EditorI. Area of Concern and Presidential Charge.

1. Execute policies recommended by the Publication Advisory Committee and approved by the NARST Board of Directors.
2. Continue working relationships with Editorial Board.
3. Work with Wiley to facilitate the printing and distribution of the Journal.
4. Recommend changes to the publication Advisory Committee for their approval prior to submission to NARST Board of Directors.

II. Activities

A recap of 1980, the first official year of my term as Editor, shows changes in some Journal policy, a reaffirmation of others, and some frustration resulting from the transition in editorships. Following is a summary of 1980 activities, decisions, and points of information regarding operation of the Journal:

## a. Working Relationship with Editorial Board

The Editorial Board is to be commended for their prompt, critical reviews. Their diligent efforts have contributed greatly to the efficient operation of the Journal. Also to be commended are the outside reviewers who were called upon to provide manuscript reviews when loads exceeded levels that could be handled by regular board members. (Please see Attachment A for membership of the current Editorial Board and Attachment B for a listing of additional reviewers).

## b. Working Relationship with Wiley

The staff at John Wiley & Sons, Inc. have been extremely cooperative this past year. A special thanks is due to Allan Wittman and Mayda Rumberg for their professional and courteous handling of Journal matters. Ms. Rumberg has since changed positions. Her replacement is Joan Simon.

Circulation of JRST totalled 2093 for 1980 (676 member and 1417 non-member subscriptions). This is a slight drop from 1979 subscription levels when there was 2136 (706 member and 1430 non-member subscriptions). Non-member subscribers will pay \$45.00 and NARST members will pay \$20.00 for the Journal in 1981. Postage and handling outside the continental U.S. will be \$11.00 for 1981.

Based on non-member subscription in 1980 (N=1417), the NARST will receive a royalty check in the amount of \$1481.14 from John Wiley & Sons, Inc.

c. Manuscript Flow

Due to the transition of editorships in 1980, a backlog of accepted manuscripts occurred resulting in a 12-18 month delay in manuscript publication. That delay has been reduced considerably during this past year due to a decrease in number of contributed papers received and to an increase in manuscript rejection. (Please see Attachment C for a record of Manuscript flow).

d. Revised Guidelines for Contributors

The Publications Advisory Committee discussed and approved a new set of "Guidelines for Contributors." The new guidelines stress the acceptability of several types of scholarly papers dealing with research on science teaching.

e. Publication of Abstracts

Authors are now required to submit a 100-150 word abstract of their manuscript for inclusion in the Journal. The abstract will appear in special print at the beginning of each Journal article where appropriate.

f. New Board Terms

The Editorial Board was expanded from 17 to 22 members. The nine new members appointed for 1981 were appointed for a two-year term -- a change in previous policy which saw members appointed for a single four-year term. Two-year term members may be re-appointed for a second term under the new board policy.

The term "Advisory" was also dropped from the board name to avoid overlap of responsibility and charge with the Publications Advisory Committee. The review board is now called the "Editorial Board."

ATTACHMENT A

EDITORIAL BOARD  
1980

Glen S. Aikenhead . . . . .	1982
Ronald Anderson . . . . .	1982
Jane B. Bowyer . . . . .	1981
Rodger Bybee . . . . .	1983
Robert W. Forsyth . . . . .	1983
Gene E. Hall . . . . .	1981
William G. Holliday . . . . .	1983
J.W. (George) Ivany . . . . .	1980
John J. Koran, Jr. . . . .	1982
Gerald H. Krockover . . . . .	1981
William S. LaShier, Jr. . . . .	1981
Anton E. Lawson . . . . .	1983
Marcia C. Linn . . . . .	1983
Rita W. Peterson . . . . .	1980
Ronald J. Raven . . . . .	1980
Robert Shrigley . . . . .	1983
Edward Smith . . . . .	1980
Russell Yeany . . . . .	1983

ATTACHMENT B  
ADDITIONAL REVIEWERS  
1980

Fred Finley

Warren Wollman

Paul Westmeyer

Howard Jones

Arlen Gullicksen

Vincent Lunetta

Darrell Phillips

Michael Abraham

David Treagust

Ewe van den Berg

Anne Howe

John T. Wilson

Robert E. Yager

ATTACHMENT C  
MANUSCRIPT FLOW

	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>*TOTAL</u>
A. Manuscripts Received	130	159	114	207
B. Manuscripts Accepted	116	130	74	87
C. Manuscripts Rejected	5	7	49	64
D. Manuscripts in Revision	9	22	28	28
E. Manuscripts in Review	9	22	16	16
F. Manuscript Acceptance Rate	89%	82%	46%	42%
G. Manuscript Rejection Rate	4%	4%	31%	31%

$$\text{1980 Acceptance Rate} = \frac{B(1980)}{A(1980) + (D+E)(1979)}$$

$$\text{1980 Rejection Rate} = \frac{C(1980)}{A(1980) + (D+E)(1979)}$$

---

\*Total for Shymansky Editorship - includes 12 de-activated manuscripts

TO: NARST Executive Board

REPORT: Publications Advisory Committee

FROM: Ann Howe, Chair

MEMBERS: Micahel Abraham, Vincent Lunetta, Alan Voelker

The Committee has not met since the last Annual Meeting but members have been in contact by letter and telephone.

The Editor of JRST requested Committee approval to increase the size of the Editorial Board of the Journal because of the heavy load of work for reviewers. The Committee considered the proposal but decided that it would not be in the best interest of the Journal and recommended against it at the Fall meeting of the Executive Board. However, the Board voted to approve the increase.

The Committee expects to receive the manuscript of the Survey of Research Needs, an undertaking authorized by the Executive Board, and to review it before the Annual Meeting. A recommendation concerning publication of the Survey will be made to the Board at the Annual Meeting.

There are still a number of unresolved issues concerning the relationship of the Committee to the Journal and the Newsletter. The change in composition of the Committee should facilitate communication and clarify some of these issues.

- ① Recognition page - in the issue that carries the rules - list the
- ↓ ② NARST - ISE: activity of board - & relationships of NARST to Adv Bd - appoint Chair of Publications Advisory Committee to ISE Adv Bd.
- ③ Publication in Journal - Presidential Address

NARST Committee Report

February 6, 1981

MEMO TO: NARST Board

FROM: JRST Award Committee

REPORT BY: Harold H. Jaus, Chairman  
Education Building  
Purdue University  
W. Lafayette, IN 47907  
Phone: (317) 493-9529

COMMITTEE MEMBERS: William Brown, Eugene Chiappetta, Rodney Doran, Dan Jones,  
James Kozlow, Eileen Mays, William Ritz

The JRST Award Committee has completed its evaluation of the six issues of JRST, Volume 17. Dr. Eileen Mays did not return any evaluations. Dr. William Ritz completed evaluations for the first issue only. However, since six persons did complete evaluations for every article, a fair evaluation is assumed. (It is interesting to note that when "eye-balling" the evaluation scores, there appears to be a good deal of inter-rater reliability.)

Based on the evaluations, two articles were clearly the "best." Both articles scored six average points higher than the other <sup>BEST</sup> articles. The committee, therefore, recommends that the JRST Award be given for both articles. One article was a research paper and the other a position paper. The articles are:

<u>Author(s)</u>	<u>Abbreviated Title</u>	<u>Issue</u>
C. Ward & J. D. Herron	Helping students understand formal ...	5
W. C. Kyle, Jr.	Should "scientific" creation and ....	6

On this date, I notified Paul Joslin, Executive Secretary, and Stan Helgeson, President, of the committee's decision.

Recommendations

1. It is imperative to obtain a reaffirmation of each member's intent to remain on the Committee and participate in its work.

2. Prospective appointees to this Committee should be fully apprised of the Committee's intent, work load, and obligation of adherence to due dates. Thus, if there are any doubts by prospective appointees of their ability to serve, they can remove themselves from consideration before the task of the Committee begins.

Personal Comment

I realize that the above recommendation is rather acrimonious. In my opinion, however, there are too many people who get on committees (not just NARST ones) and do so for the embellishment of their dossiers only. These people do not serve. In fact, these non-active committee members should be notified of their removal from such committees.

Founded 1928  
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Sponsoring The Journal of Research in Science Teaching  
Affiliated with NSTA, AAAS and ICASE

# NATIONAL ASSOCIATION FOR RESEARCH IN SCIENCE TEACHING

Memorial Hall Drake University Des Moines, Iowa 50311

January 26, 1981

**EXECUTIVE SECRETARY**

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Memorial Hall  
Drake University  
Des Moines, IA 50311

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Dr. John W. Reamer  
Physical Sciences Ctr. Room 323  
University of Oklahoma  
Norman, OK 73019

**PRESIDENT-ELECT**

Dr. Stanley Helgeson  
Science & Mathematics Education  
The Ohio State University  
Columbus, OH 43210

**IMMEDIATE PAST PRESIDENT**

Dr. James R. Okey  
Department of Science Education  
The University of Georgia  
Athens, GA 30602

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Urbana, IL 61801

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**NEWSLETTER EDITOR**

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**PLACEMENT COORDINATOR**

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The University of Georgia  
Athens, GA 30602

**NSTA REPRESENTATIVE**

Dr. Robert P. Taylor (1979)  
National Science Teachers Association  
1412 Connecticut Avenue, NW  
Washington, DC 20004

**Dr. Stanley Helgeson**  
President of NARST  
Science and Math Education Room 310  
The Ohio State University  
Columbus, OH 43210

Dear Stan:

The following four papers have been identified for their practical application for the classroom teacher:

1. "Problem Solving Strategies of High School Chemistry Students"

Dorothy Gabel  
Robert Sherwood  
Larry Enochs

2. "Status and Needs of Science Education: A Report on Project Synthesis"

Wayne W. Welch  
Ronald D. Anderson  
Harold Pratt

3. "Science Education and Bilingualism"

Mary Ellen Quinn  
Carolyn Kessler

4. "The Effects of Diagnostic Prescriptive Instruction on Science Achievement: A Meta-Analysis"

P. Ann Miller  
Russell H. Yeany

213-345-7566  
**Dr. Ellen Stephanie Simmons**  
4315 Martha Avenue  
Woodlawn Heights  
New York, NY 10470

Mr. Helgeson

-2-

January 26, 1981

Award certificates have been prepared for each of the above authors. Kindly arrange for recognition of these papers during the luncheon at Grossingers.

The following paper is the winner of the NARST Outstanding Paper Award:

5. "Using Science Achievement to Validate Student Teacher Competencies"

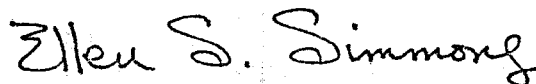
William Capie  
Kenneth G. Tobin  
Margaret Howell

I am requesting Paul Joslin to please prepare the award plaque for the Outstanding Paper Award (No. 5). Also kindly arrange for recognition of this paper during the luncheon at Grossingers.

Kindly remove the names of Carl Naegel and Jerome Ciesla from the NARST Awards Committee due to their lack of communication. Also William LaShier's term of service ends. Hence we need three new members.

With my best wishes always.

Sincerely,



Ellen S. Simmons, Ph.D.  
Chairperson NARST Awards Committee

ESS:kk

cc: Dr. John W. Renner  
Dr. Paul Joslin

ARIZONA STATE  
UNIVERSITY

TEMPE, ARIZONA 85281

COLLEGE OF EDUCATION

DEPARTMENT OF ELEMENTARY EDUCATION

March 6, 1981

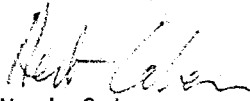
Dr. Stanley Helgeson  
Science and Mathematics Education  
The Ohio State University  
Columbus, OH 43210

Dear Dr. Helgeson:

A number of individuals have been identified by various members of the membership committee as having possible interests in membership in NARST. Names and addresses of these individuals have been forwarded -- earlier in the year to John Renner and recently to Bill Holiday. It was suggested that a copy of the enclosed letter and materials mentioned in the letter be forwarded to each candidate.

A cross-check was done to determine if names of individuals who made presentations at last year's annual meeting and/or who had articles appearing in JARST also appeared on the membership list. If their names did not appear on the list, a letter was sent and an invitation to join NARST was extended.

Sincerely,



Herb Cohen  
Chairperson, Membership Committee  
Department of Elementary Education  
Arizona State University  
Tempe, AZ 85281

- Encl: (1) Letter sent to membership committee members suggesting some procedures for identifying potential members.
- (2) Nomination Form
- (3) Letter sent to nominees.

I would like to nominate the following for membership in NARST:

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

NAME OF NARST MEMBERSHIP COORDINATOR \_\_\_\_\_

Please return form to: Herbert G. Cohen  
Department of Elementary Education  
Payne Building B204F  
Arizona State University  
Tempe, AZ 85281

THANK YOU!

# NATIONAL ASSOCIATION FOR RESEARCH IN SCIENCE TEACHING

Drake University Des Moines, Iowa 50311

November 10, 1980

**EXECUTIVE SECRETARY**

Dr. Carl L. Cook (1980)  
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**PRESIDENT**

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The Ohio State University  
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**NEWSLETTER EDITOR**

Dr. Carl L. Cook (1980)  
Reading Learning Center  
Drake University  
Des Moines, IA 50311

**STATE COORDINATOR**

Dr. Carl L. Cook (1980)  
Reading Learning Center  
Drake University  
Des Moines, IA 50311

**MEMBER COORDINATOR**

Dr. Carl L. Cook (1981)  
Reading Learning Center  
Drake University  
Des Moines, IA 50311

**NEWS REPRESENTATIVE**

Dr. Carl L. Cook (1981)  
Reading Learning Center  
Drake University  
Des Moines, IA 50311

Dear Dr. \_\_\_\_\_:

As a NARST Membership Coordinator, we need your help!!

The task of increasing (and maintaining) the quality and significance of programs in the face of rising costs is a difficult problem. That's why we are asking you to again participate in our membership drive, a program designed to provide new members, new ideas, and a wider base of support for NARST.

Our 1980-81 Membership Drive is a concentrated effort to utilize our most valuable recruiting resources: our active NARST members. We ask that you use the enclosed nomination forms to provide the names of colleagues you think would be interested in NARST. We will send each nominee a letter extending an invitation to membership and indicate that he or she was nominated by you.

If there are other members in your area, please call upon them to recommend individuals to you for NARST from their respective universities, colleges, school systems, etc. When nominating individuals, please consider colleagues, graduate assistants, and science coordinators/consultants in your area. In addition, you might consider nominating appropriate junior college faculty members. If you need more membership materials, please write or call me at (602) 965-6019.

I also strongly encourage you to represent NARST at your state science association meetings. You may want to schedule a session at a state meeting to inform supervisors, teachers, etc., about NARST.

Again, we need your help! We are counting on you to make this membership drive a success.

Sincerely,

Herb Cohen, Chairman  
Membership Committee

Encl.

Founded 1928  
Incorporated 1961

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Affiliated with NSTA, AAAS and ICASE

# NATIONAL ASSOCIATION FOR RESEARCH IN SCIENCE TEACHING

Memorial Hall Drake University Des Moines, Iowa 50311

September 17, 1979

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Iowa City, IA 52242

**NSTA REPRESENTATIVE**

Dr. Len Krause (1980)  
National Science Teachers Association  
1742 Connecticut Avenue, NW  
Washington, DC 20009

TO: My Colleagues in Science and Science Education

FR: John W. Renner  
Professor of Science Education and  
President, NARST

During the current year it is my privilege to be serving as President of the National Association For Research in Science Teaching. The membership of the Association in Oklahoma is very small and I feel that the Association has as much to offer those who teach science as well as those who do research in science education. I would, however, like to have you draw an opinion of the Association for yourself.

You will find enclosed a copy of the Journal of Research in Science Teaching. This is the official journal of the Association and it is published six times each year. The journal is edited by a person appointed every five years and no one involved receives any salary. All of the membership dues and revenues generated by the journal are used to increase the circulation and quality of the journal. I hope that you will take the time to read the enclosed issue of the journal and to judge for yourself if this Association and its journal would be of value to you.

The NARST is one of the oldest science education organizations in the United States. Its membership is approximately 900 and we would like very much to include you in that group.

You will also find enclosed membership information if you would like to belong to the association (it has an annual convention each year) and receive the Journal of Research in Science Teaching regularly. Please complete the enclosed membership information forms and send them in. If I, personally, can answer any questions for you please feel free to write to me and I will do my best to supply you the information you need. I hope that Oklahoma makes a substantial increase in the membership rolls of the National Association for Research in Science Teaching. Thank you.

ENCLOSURES  
JWR/aw

# NATIONAL ASSOCIATION FOR RESEARCH IN SCIENCE TEACHING

March 3, 1981

EXECUTIVE SECRETARY  
Dr. William G. Holliday  
NARST-EDCI  
The University of Calgary  
Calgary, Alberta  
Canada T2N 1N4

## Committee Report

### NARST Placement Service

PRESIDENT  
Dr. Stanley L. Helgeson  
Science & Mathematics Education  
The Ohio State University  
Columbus, OH 43210

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Physical Sciences Ctr., Room 323  
University of Oklahoma  
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West Lafayette, IN 47907

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Syracuse, NY 13210

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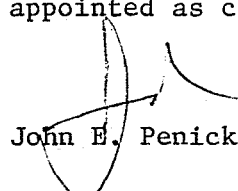
For the 1981 Placement Newsletter, only one committee member has been active. Dr. John Staver, DePaul University, has again made an outstanding contribution to the success of this year's effort.

The 1981 Placement Newsletter was mailed to members on February 13, 1981. This newsletter contained notices of 24 job openings as follows:

- 15 Teacher education
- 1 Research
- 4 Science teacher
- 4 Other related field

Eleven additional vacancies have been located since that mailing. These are being mailed to persons who have provided a stamped-self-addressed envelope. Some copies of the supplement will also be available at the annual meeting.

Next year we need a new Placement Coordinator. Even though John Staver's time is up as a member he could still be appointed as coordinator. He would do a fine job.

  
John E. Penick

MICHIGAN STATE UNIVERSITY

---

SCIENCE AND MATHEMATICS TEACHING CENTER  
McDONEL HALL

EAST LANSING • MICHIGAN • 48824

March 10, 1981

Dr. John W. Renner  
Physical Sciences Center  
University of Oklahoma  
Norman, OK 73019

Dear Dr. Renner:

Enclosed is a summary of the results of our recommendations for liaison activities with other organizations. Also enclosed is a list of the committee members and the organizations for which I am asking each of you to prepare, or oversee preparation of, guidelines. You are not being asked to carry out the liaison activities, but only to see that guidelines for such activities are drafted.

In most cases I have identified at least one additional NARST member belonging to the organizations as well as other representatives. I suggest that you contact these individuals and get as much assistance and input from them as possible. The committee's recommendations should be taken into account, but they are certainly not final. Input from the representatives of the organizations should be given much consideration. I realize this is short notice but it would be most helpful if you could contact the representatives and bring a draft of the guidelines to the NARST meeting. We will hold a committee meeting there to discuss the drafts.

Thank you for your efforts on the part of NARST.

Sincerely,



Edward L. Smith

Enclosures - 2

## Report of NARST Inter Organizational Liaison Committee

Edward L. Smith, Chairman

Work of the committee has been proceeding according to the plan outlined in my September report. The committee members submitted their recommendations. Since there was pretty much of a consensus, a second questionnaire was not sent out. Results of the questionnaire and a summary of the recommendations is attached.

Expressed preferences of the organization were considered in asking committee members to take responsibility for overseeing the drafting of guidelines based on the committee's recommendations and input from representatives of the other organizations. Information about contact people for each organization was also provided for those asked to oversee preparation of the draft guidelines. A list of those asked to prepare draft guidelines for each organization is also attached. The time line has slipped somewhat. I have asked that the draft guidelines be prepared in time for consideration at the NARST meeting in April. If feasible, the committee will meet to discuss the draft, and make any revisions, and then provide a copy of the revised draft guidelines to the executive board (probably in rough form). These of course will be subject to review by both the NARST board and appropriate representatives of the other organizations.

Summary of Requests for Preparation  
of Draft Guidelines

<u>Organization</u>	<u>Person Requested</u>	<u>Organization Contacts Suggested</u>
NSTA, National & Regional	Jane Bowyer and Paul Joslin	Bill Aldridge, Exec. Sec. *Don McCurdy, President and NARST representative
AETS	Ed Smith	Hans Anderson, President Jerry Horn, President-elect William Brown, Exec. Sec. *James Okey
NABT	Bill Holliday	Stanley Roth, President Edward Kormondy, President-elect *Jane Kahle, Director-at large
APT	Bill Holliday	*Fred De Luca
AAPT	Jack Renner	Robert Fuller, President William Kelly, President-elect
ACS	Jack Renner	*Dudley Herron
AAAS	Paul Joslin	*Herbert Smith *Ann Howe, Chairperson of AAAS Section Q

ADDRESS

BILL ALDRIDGE, NSTA, 1742 CONNECTICUT AVE., N.W., WASHINGTON, D.C. 20009  
HANS ANDERSON, 204 EDUCATION BLDG., INDIANA UNIVERSITY, BLOOMINGTON, IN 47405  
WILLIAM BROWN, SCHOOL OF EDUCATION, OLD DOMINON UNIVERSITY, NORFOLK, VA 23508  
FRED DELUCA, 3520 JEWELL DRIVE, AMES, IA 50010  
ROBERT FULLER, UNIVERSITY OF NEBRASKA, LINCOLN, NEBRASKA 68588  
DUDLEY HERRON, DEPARTMENT OF CHEMISTRY, PURDUE UNIVERSITY, LAFAYETTE, IN 47907  
JERRY HORN, COLLEGE OF EDUCATION, KANSAS STATE UNIVERSITY, MANHATTAN, KS 66506  
ANN HOWE, 101 HERROY BLDG, SYRACUSE UNIVERSITY, SYRACUSE, NY 13210  
JANE KAHLE, PURDUE UNIVERSITY, WEST LAFAYETTE, IND  
WILLIAM KELLY, MONTANA STATE UNIVERSITY, BOZEMAN, MONTANA 59717  
EDWARD KORMONDY, UNIVERSITY OF SOUTHERN MAINE, PORTLAND, ME  
DON MCCURDY, NSTA, 1742 CONNECTICUT AVE., N.W., WASHINGTON, D.C. 20009  
JAMES OKEY, DEPT OF SCI EDUCATION, UNIVERSITY OF GEORGIA, ATHENS, GA 30602  
STANLEY ROTH, LAWRENCE HIGH SCHOOL, LAWRENCE, KS 66044  
HERBERT SMITH, COLLEGE OF ED, COLORADO STATE UNIVERSITY, FORT COLLINS, CO 80521

NARST Inter-organizational Liaison Committee

Summary of Committee Recommendations

Below are listed the organizations recommended for some liaison activity. They are listed in decreasing order of priority based on total ratings for all listed activities. Also listed are the highest priority activities recommended for each. All ratings are listed in the attached table.

<u>Organization</u>	<u>Total Ratings</u>	<u>High priority activities</u>		
NSTA, National	56	Display & Rep., (15)	Committee participation (15)	cosponsored lecture series (11)
AETS	45	Display & Rep., (15)	Committee participation (11)	cosponsored session (15)
NSTA, Regional	35	Display & Rep., (10)	cosponsored session (11)	
AAAS	29	Display & Rep., (10)	cosponsored session (9)	
NABT	26	Display & Rep. (12)		
AAPT	26	Display & Rep. (12)		
NAGT	22	Display & Rep. (11)		
ACS	21	Display & Rep. (9)		

NARST Interorganization Liaison Committee

Recommendations for NARST Involvement in  
Conventions of Other Organizations\*  
(Key: 3=definitely, 2=probably, 1=probably not, 0=definitely not)

Organization	Type of Involvement					TOTAL
	Display and Representative at Meetings	NARST Member Serving on Meeting Planning Committee	(Co)Sponsoring of Session(s) at Meetings	(Co)Sponsoring a Speaker or Lecture Series		
NSTA	33333 15	33333 15	33333 15	30332 11		56
NSTA REGIONAL	21331 10	10330 7	13331 11	10330 7		35
AETS	33333 15	30323 11	30323 11	30320 8		45
NABT	23133 12	02121 6	00123 5	00120 3		26
NAGT	23132 11	02120 5	00120 3	00120 3		22
AAPT	23133 12	02121 6	00122 5	00120 3		26
ACS	20133 9	00121 4	00122 5	00120 3		21
AAAS	30232 10	20120 4	20322 9	20220 6		29
AERA **	00003 3	00003 3	00003 3	00000 0		9
TOTAL	97	61	67	44		

\* Entries are ratings of individual committee members and the sum of the five ratings

\*\* Suggested by one committee member. No other additions were suggested.

SAMPLE

First Draft

GUIDELINES FOR THE PARTICIPATION OF THE NARST IN THE  
REGIONAL CONVENTIONS OF THE NSTA

1. Beginning in 1980-81, the President-Elect of the NARST will find out where the regional conventions of the NSTA will be held. A member of the NARST from each area will then be appointed to represent the NARST on each NSTA area convention committee and so inform the President, Executive Director, and Convention Coordinator of the NSTA.
2. In addition to serving on the area convention planning committees, the representative of the NARST will construct a display table that publicizes the NARST. That display table will be attended by a member of the NARST as much as possible during the area convention.
3. The representative of the NARST to each area convention planning committee may organize a session (or sessions) which focuses on research in science teaching. That session(s) will be listed in the program as jointly sponsored by the NARST and the NSTA.
4. Each representative of the NARST to the area convention planning committees of the NSTA will inform the President of the NARST of the extent of the involvement of the NARST within 30 days after the area convention of the NSTA has been held.