

NATIONAL ASSOCIATION FOR RESEARCH
IN SCIENCE TEACHING

1982 Spring Meeting of the Executive Board
Lake Geneva, Wisconsin
April 5-8, 1982

AGENDA

- ✓ 1. Welcoming members of the board to The Abbey
- ✓ 2. Brief announcements
- ✓ 3. Approval of minutes describing the 1981 fall meeting of the board
- ✓ 4. *Approval of Committee Reports Asects*
Discussion about alternative ways of publishing the Journal of Research in Science Teaching
5. Past president's closing remarks
6. Recommendation to the board - archivist of NARST, Dr. Paul Joslin
7. Executive secretary's report
8. Report of the editor of the Journal of Research in Science Teaching
9. Committee reports
 - a. Election
 - b. JRST Award
 - c. Membership
 - d. Placement
 - e. NARST Award
 - f. Policy Advisory
 - g. Publications Advisory
 - h. Research
 - i. Interorganization Liaison Committee
10. Other business
AETS - NARST

The 1981 Fall Board Meeting of the
National Association for Research in Science Teaching
Chicago
November 2-3, 1981

MINUTES

The 1981 fall board meeting of the National Association for Research in Science Teaching was held on November 2-3, 1981 at the Sheraton O'Hare Hotel, Chicago.

Executive Board Members in Attendance

Dr. Carl F. Berger, President-Elect
Dr. Stanley L. Helgeson, President
Dr. John W. Renner, Immediate Past President
Dr. William G. Holliday, Executive Secretary
Dr. James P. Barufaldi, Board Member
Dr. Roger Bybee, Board Member
Dr. Jack A. Easley, Jr., Board Member
Dr. J. Dudley Herron Board Member
Dr. Jane B. Kahle, Board Member
Dr. John T. Wilson, Board Member
Dr. James Shymansky, Journal Editor
Dr. Arthur White, Research Coordinator

Minutes Approved

Motion: Moved that the minutes of the regular spring meeting (April, 1981) of the National Association for Research in Science Teaching (NARST) be approved. Renner, White. Motion passed.

Report from Chairman of the Program Committee

Dr. Carl Berger described (see figure 1) the decisions made at the program committee meeting (November 1-2, 1981) regarding the 1982 annual meeting at The Abbey. The theme of the 1982 conference will be "Enlarging the perspectives in science education research: The methods, the discipline, the applications and the opportunities." Dr. Berger said that he would take particular care in responding to proposers of papers not accepted by the program committee. Furthermore, he plans to invite such people to present their ideas at an evening poster session at The Abbey.

Type of Sessions	Number of Accepted Proposals	
	1981	1982
Paper Set	16	8
Symposia	4	4
Round Table	2	-0-
Research Technique	5	5
Contributed Papers	83	71
Panel	2	-0-

Number of Accepted Proposals in each Session Category for 1981 and 1982

Figure 1

1982 Annual Meeting - Accommodations and Meals

Dr. Holliday described the attributes of the American plan and the European plan proposed by officials at The Abbey. For details concerning the American and European plans, see the attached registration form - 1982 annual meeting at The Abbey near Lake Geneva (April 5-8, 1982). Section B of this document describes the American plan and Section E, in essence, describes the European plan.

Motion: Moved that the full American plan proposed by The Abbey be adopted by NARST for the 1982 convention. Easley, Barufaldi.
Motion passed.

At this point Dr. Holliday described proposed transportation arrangements to the board. The essence of this discussion can be found in the attached registration information sheet.

Joint AETS-NARST Sessions at The Abbey

The board discussed the possibility of encouraging AETS to hold joint sessions with NARST at The Abbey.

Motion: Moved that Dr. Berger be authorized to discuss with Dr. Jerry Horn, President, AETS, the possibility of holding joint sessions with NARST at the 1982 Abbey convention. Renner, Bybee. Motion passed.

Executive Secretary's Report

The executive secretary submitted a number of reports, including:

1. 1983 convention site,
2. cost of the Journal of Research in Science Teaching - 1982,
3. financial well-being of NARST,
4. NSTA board meeting August, 1981
5. National Association of Biology Teachers,
6. membership in NARST,
7. 1982 budget.

Motion: Moved that the report of the executive secretary be received.
Berger, Shymansky. Motion passed.

Dr. Holliday distributed copies of the contract (obtained from Mr. Allan Whittman's office) between Wiley and NARST. Dr. Holliday said that he was unable to interpret the contract and would appreciate the opportunity to explore all aspects of its meaning. Furthermore, he requested from the board power to explore alternative ways of producing the Journal of Research in Science Teaching during the 1983 calendar year. Dr. Shymansky promised to assist Dr. Holliday. He promised to report his findings to the board at the April, 1982 meeting at The Abbey.

Motion: That the executive secretary explore the relationship between NARST and Wiley and that the executive secretary keep the publication advisory committee apprised of his work. Easley, Barufaldi. Motion passed.

Motion: Moved that (1) the executive secretary be empowered to explore one or more alternative means of publishing the Journal of Research in Science Teaching including the editing, printing, mailing and advertising and the legal aspects of our contract with Wiley; (2) the executive secretary keep the chairman of the publication advisory committee informed and should be advised; (3) both the executive secretary and publication advisory committee should report on this matter at the next board meeting. Easley, Barufaldi. Motion passed.

Dr. Holliday recommended that the board approve a 1983 site for its annual meeting. He said that many hotels in the Montreal area were booked for the proposed date, April 15-17, 1983 and would be unable to accommodate the NARST group.

Motion: Moved that the 1983 NARST convention be held in Montreal, April 15-17, 1983, providing the American Educational Research Association met in Montreal April 11-15, 1983. Holliday, Easley. Motion passed.

Dr. Holliday said that he was unclear about the tax-exempt status of NARST in terms of state and federal regulations.

Motion: Moved that the executive secretary, in cooperation with Dr. Herron, Chairman, financial advisory committee, investigate the tax exempt status of NARST. Berger, Shymansky. Motion passed.

Motion: Moved that the President-Elect nominate a representative to the advisory board of the American Biology Teacher. Bybee, Wilson. Motion passed.

The possibility of NARST working in concert with the National Association of Biology Teachers was discussed at some length. The consensus of the board was that NARST should be more closely involved with NABT. For example, NARST and NABT officers should discuss the possibility of holding special sessions at each other's conferences.

Motion: Moved that all committee reports to the board be received. Holliday, Renner. Motion passed.

Dr. Herron argued for the need to look at different populations with the goal of recruitment of people to NARST. Dr. Kahle suggested that NARST issue membership cards to all members because of the proven value of such a procedure in other organizations. Dr. Helgeson suggested that membership cards could be mailed to members in one of the JRST issue envelopes. Board members completed a register-directory form.

Motion: Moved that the 1982 budget submitted by the executive secretary be approved. Herron, Berger. Motion passed.

Motion: Moved that in the fall of 1982 the meeting be held among the executive secretary, President-Elect, President and Past President and those committee chairpersons the President decides should be there for policy matters. Renner, Bybee. Motion passed.

The board indicated that its members should attend the 1982 fall meeting providing funds were available. However, the board felt that the preceding motion should be passed at this time, thus allowing more flexibility regarding attendance at the 1982 fall board meeting.

Editor's Report

Dr. Shymansky presented a brief oral report to the board. He indicated that manuscripts accepted November, 1981 would be published in the Journal of Research in Science Teaching, issue 6 or sooner in the year 1982.

Motion: Moved that the report of the editor of the Journal of Research in Science Teaching be received by the board. Berger, Easley. Motion passed.

Motion: Moved that Dr. Shymansky's recommendations for new members to the editorial board of the Journal of Research in Science Teaching be approved by the executive board. Bybee, White. Motion passed.

Placement Coordinator's Report

Dr. Kahle recommended that the position, placement coordinator, be reviewed because of the lack of requests submitted to her for placement information. She suggested that placement information in the future be published in the newsletter.

1983 NARST Annual Meeting Convention Site

On the morning of November 5 the board reconsidered its decision to hold the 1983 annual meeting in Montreal. Because of a variety of financial reasons the board favored a meeting with NSTA in Dallas.

Motion: Moved that the 1983 annual meeting not be held in the city of Montreal. Berger, Bybee. Motion passed.

At this point, Dr. Holliday requested board members to wear their registration badges and to encourage presiders and all registrants to wear their badges.

Policy Advisory Committee Report

Dr. Renner suggested that the board consider in the future adopting a parliamentary government whereby seven board members would be elected and a president would be chosen by the board, leaving six regular board members and one president. He reasoned that many of the candidates for president-elect who lost the election in previous years have discontinued their association with NARST. As a consequence, many able people no longer are contributing to NARST.

Motion: Moved that the membership be given the option not to purchase the Journal of Research in Science Teaching. Berger, Barufaldi. Motion defeated. (Not a single member of the board supported this motion.)

The board discussed the membership dues and convention fee structures for 1982.

Motion: Moved that the 1982 NARST membership dues be increased to \$44.00. Renner, Barufaldi. Motion passed.

Motion: Moved that dues for foreign members be computed as follows:

1. association dues = X,
2. JRST subscription = Y,
3. foreign postage = Z.

X+Y+Z= or \$65.00 Moved that foreign members be billed in this fashion. Renner, Easley. Motion passed.

Motion: Moved that a pre-registration fee of \$35.00 be charged to regular members, a higher fee be charged non-members and a fee of 20% of the regular membership fee be charged students. In addition, on-site registration fees should be higher than pre-registration fees. Holliday, Helgeson. Motion passed.

Once again, the board discussed the issue concerning the publication of the retiring president's speech in the Journal of Research in Science Teaching. It was suggested that future past-president speeches be published in the Journal of Research in Science Teaching. Specifically, the past-president will be responsible for the substance of the article and the editor would be responsible for the format. If problems between these people develop, a sub-committee could be struck to resolve disputes. Dr. Bybee led the discussion regarding the publishing of the president's address and general-session speeches for annual meetings. Dr. Bybee also discussed the possibility

of NARST working with NSTA in the production of an issue of "what research has to say to the science teacher."

✓ Motion: Moved that the chairpersons of the research committee and the publication advisory committee, the executive secretary and the president form a committee and be charged with the responsibility of producing an issue of "what research has to say to the science teacher" in conjunction with the research committee of NSTA.
Holliday, Shymansky. Motion passed.

Dr. White discussed those items contained in the board book regarding the activities of the research committee.

Dr. Helgeson indicated that the interorganization liaison committee did not submit a report.

Dr. Renner, chairman of the election committee, announced the candidates for president-elect and the executive board as outlined in his report.

Dr. Barufaldi discussed his report regarding the Journal of Research in Science Teaching award committee.

Dr. Helgeson and Holliday discussed the status of the membership and Dr. Cohen's report. The board volunteered to assist in a 1982 membership drive. Dr. Holliday promised to send a list of all NARST members to each person on the executive board. In addition he promised that a membership brochure was being developed and should be available early in 1982.

Dr. Helgeson commented on the report submitted by Gillan Simmons, chairman of the NARST awards committee. Dr. Helgeson discussed the letter sent to him by Dr. Robert Yager, July 29, 1981. In this letter, Dr. Yager suggested that NARST consider the possibility of continuing the Status Study of Graduate Science Education in the U.S.

✓ Motion: Moved that data be collected on a regular basis so as to continue the Status Study of Graduate Science Education in the United States.
Renner, Barufaldi. Motion passed.

Drs. Easley, Kahle, Dudley and Shymansky volunteered to assist in the local arrangements required at The Abbey.

Drs. Herron, Holliday and Shymansky were charged with the responsibility of discussing possible page charges to non-members publishing in the Journal of Research in Science Teaching on November 2 and reported to that at this point in the meeting.

✓ Motion: Moved that a page charge be implemented for non-members at a price and in a manner to be determined by the editor with approval by the president. Holliday, Renner. Motion passed.

Dr. Holliday announced the implementation of a register-directory.

Adjournment: Dr. Helgeson adjourned the meeting at 11:00 a.m.

National Association for Research in Science Teaching

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

82 March 23

PRESIDENT-ELECT
Dr. Carl F. Berger
School of Education
University of Michigan
Ann Arbor, MI 48109

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.,
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. Roger Bybee (1984)
Education Department
Carleton College
Northfield, MN 55057

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. Jane B. Kahle (1984)
Department of Biological Sciences
Purdue University
West Lafayette, IN 47907

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
Mrs. Sarah E. Klein (1982)
National Science Teachers Association
1742 Connecticut Avenue, NW
Washington, DC 20009

TO : Executive Board

FROM: William G. Holliday
Executive Secretary

RE : Executive Secretary's Report

A. Convention site

Recommendation: The 1983 annual spring meeting of NARST be held in or near Dallas before or after the national convention of the National Science Teachers Association.

B. Membership

1. March 9, 1982 - 247 U.S. members
27 Canadian and Mexican members
21 other foreign members
295 members total

2. February 15, 1981 -
420 U.S. members
32 Canadian and Mexican members
26 other foreign members
478 members total

3. April 1, 1981 - 456 U.S. members
38 Canadian and Mexican members
34 other foreign members
528 members total

4. Our membership for 1982 is below 1981 level, as clearly illustrated in the data presented above. I would encourage the board to discuss this apparent problem and recommend ways of ameliorating this situation.

- C. The following people have applied for the status of emeritus with our association:

Dr. Lester C. Mills	Sun City, AZ
Rev. James R. Irving	Cambria, CA
Sidney Rosen	University of Illinois
Allan D. Weaver	Northern Illinois University

- D. Elections:

The executive secretary recommends that announcements of candidates for offices in NARST be described to the membership in an August or September newsletter and that ballot cards be distributed to the membership with the next newsletter (about December). Furthermore, candidates accepting the nomination from the election committee should realize that campaigning for an office of NARST is considered an unacceptable practice by the executive board and is not permitted. Similar rules regarding campaigning for office are established practices with NSTA.

- E. Fund raising:

Mr. David Bowie, Vice-President of Petro-Canada, has indicated that his corporation will likely contribute \$800.00-\$2,000.00 to NARST.

The funds for charitable organizations are clearly available to such organizations as NARST. However, the problem has been a lack of time on the part of the executive secretary to do the campaigning necessary to attract funds. Help from the board in this regard would be greatly appreciated.

- F. Financial report:

Attached is the financial report submitted to the financial committee and to Dr. Stanley Helgeson, President.

Additional non-discretionary expenses will occur beyond those estimates described in the 1981 fall budget. Specifically, NARST will likely incur about \$2,500.00 in legal expenses and expenditures of \$2,300.00 owed to Wiley for foreign postage charges assessed NARST during the year 1982 (for the first time in our history).

In addition, the revenue from membership dues designated for the operation of the association could decrease by \$2,800.00 (200 members X \$14.00 - association revenue component), as suggested by the data presented in the membership portion of this report. Our registration revenue from The Abbey will probably increase by about \$1,000.00. However, our financial position could change during the next five months, depending upon the success of our membership drive.

As a consequence, the executive secretary recommends that a committee composed of the President-Elect, President, past President and executive secretary determine the mode of the 1982 fall board and program committee meetings and announce their decision to the board in writing before August 30, 1982. (A number of options including teleconference-style meetings might help NARST through the lean year of 1982.)

The executive secretary will keep in constant contact with the President, Dr. Carl Berger, regarding the financial status of NARST during the next 12 months.

/hbs

National Association for Research in Science Teaching

82 March 05

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

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School of Education
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University of Iowa
Iowa City, IA 52242

NSTA REPRESENTATIVE
Mrs. Sarah E. Klein (1982)
National Science Teachers Association
1742 Connecticut Avenue, NW
Washington, DC 20009

TO : Financial Committee

FROM: William G. Holliday
Executive Secretary

RE : Statement of Trustee Expenditures

This is a copy of the statement of trustee expenditures for the year ending December 31, 1981, produced by the Controller's Office, University of Calgary (at a cost to NARST of \$50.00 in Canadian funds). The statement arrived today. Dr. Helgeson has the original document.

Please note that payments to Wiley are included under the category "Books and Publications," in accordance with the accounting procedures used by the University of Calgary.

All amounts are reported in Canadian funds, as required by the province of Alberta. In this respect, revenue received by the university is converted into Canadian funds. Thus, the assets in U.S. dollars of NARST vary on a daily basis, depending on the U.S.-Canadian dollar exchange rates. These rates varied about 4¢ during the year, 1981. The Controller's Office at the University of Calgary recommended that the financial committee interpret the amounts described in the statement by multiplying each amount by a factor of 0.82. Attached is a statement certifying this trustee's use of NARST revenue - expressed in U.S. funds.

The controller of the University of Calgary is Mr. J.M. Creasey, the business officer is Mr. Robert Caddel, and the vice-president (finance) is Mr. H.W. Bliss.

If you have any questions, please feel free to contact me by phone (collect).

cc: Dr. Stanley Helgeson, President

P.S. The enclosed statement does not include \$2000.00 in Canadian funds donated by the vice-president (academic), University of Calgary, spent on "numerous start-up" items from telephone costs to membership in AERA.

National Association for Research in Science Teaching

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

STATEMENT OF TRUSTEE EXPENDITURES
FOR THE YEAR ENDING DECEMBER 31, 1981

PRESIDENT-ELECT
Dr. Carl F. Berger
School of Education
University of Michigan
Ann Arbor, MI 48109

Source of Funds: National Association for Research in Science Teaching

Trustee : Holliday, William G.

Purpose of Fund: Accounting service

University Acct: 69-3082

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

Amounts are stated in U.S. funds using the exchange factor 0.82.

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

Funds available for Expenditures:

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

Revenue \$ 31,014.69

Education - Dean's Office 820.00

\$ 31,834.69

Expenditures:

Clerical & Stenographic \$ 28.70

Materials 1,171.20

Courier Service 168.38

Office Supplies 909.87

Books and Periodicals 13,042.81

Printing 1,900.16

Postage 1,079.64

Telephone 2,614.89

Comm. Media 606.55

Travel 8,102.48

Entertainment 62.81

Maintenance 29.52

Equipment 270.56

\$ 29,987.57

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

Unspent Balance

\$ 1,847.12

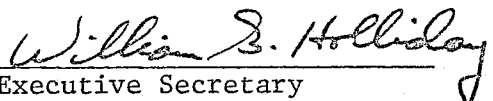
RESEARCH COORDINATOR
Dr. Arthur White (1983)
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The Ohio State University
Columbus, OH 43210

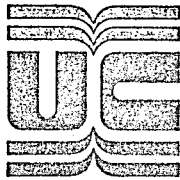
PLACEMENT COORDINATOR
Dr. John E. Penick (1981)
Science Education - Physics Bldg.
University of Iowa
Iowa City, IA 52242

I hereby certify that, to the best of my knowledge, the expenditures summarized above were paid by the University of Calgary and that vouchers are available for audit purposes.

In addition, I hereby certify that the above statement is correct and that the expenditures were spent in accordance with the directions of the NARST board and/or the president, Dr. Stanley Helgeson.

NSTA REPRESENTATIVE
Mrs. Sarah E. Klein (1982)
National Science Teachers Association
1742 Connecticut Avenue, NW
Washington, DC 20009


Executive Secretary



THE
UNIVERSITY
OF CALGARY

2500 University Drive N.W., Calgary, Alberta, Canada T2N 1N4

CONTROLLER'S OFFICE

Telephone (403) 284-5704

STATEMENT OF TRUSTEE EXPENDITURES
FOR THE YEAR ENDING DECEMBER 31, 1981

Source of Funds : National Association for Research in Science Teaching
Trustee : Holliday, W. G.
Purpose of Fund : Accounting service
University Account: 69-3082

Funds Available for Expenditures:

Revenue	\$ 37,822.79	
Education - Dean's Office	<u>1,000.00</u>	
		\$ 38,822.79

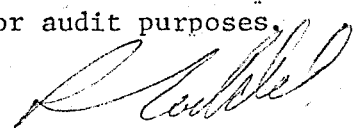
Expenditures:

Clerical & Stenographic	\$ 35.00
Materials	1,428.29
Courier Service	205.34
Office Supplies	1,109.60
Books and Periodicals	15,905.86
Printing	2,317.27
Postage	1,316.64
Telephone	3,188.89
Comm. Media	739.70
Travel	9,881.07
Entertainment	76.60
Maintenance	36.00
Equipment	<u>329.95</u>

36,570.21

Unspent Balance \$ 2,252.58

I hereby certify that the expenditures summarized above were paid on behalf of the Trustee and that vouchers are available for audit purposes.



BUSINESS OFFICER
CONTROLLER'S OFFICE

April 5, 1982

M E M O R A N D U M

TO: NARST EXECUTIVE BOARD

FROM: J. A. Shymansky

RE: Annual Report of the Journal Editor

I. 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.
5. Investigate mechanisms and prices for publishing the Journal alternative to the present arrangements with John Wiley & Sons, Inc.

II. Activities

a. Working Relationship with Editorial Board

The Editorial Board is to be commended for their prompt, critical reviews. Their dilligent 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 & Son, Inc. provided excellent support in handling manuscripts during the year. A special thanks is due Allan Wittman for his expert guidance in Journal matters and Joan Simon and Ed Barnas for their professional handling of manuscripts.

c. Working Relationship with Publications Advisory Committee

The Publications Advisory Committee under the chairmanship of Rodger Bybee has been most helpful in providing leadership and support in Journal matters.

Based on non-member subscriptions in 1981 (N=1395), the NARST will receive a royalty check for \$1599.75 from John Wiley & Sons, Inc.

Cost Estimates for Publishing the Journal.

Pursuant to the directive of the Executive Board, cost estimates for publishing the Journal were obtained from two printing firms. A break-down of these estimates as well as a profile of prices charged by Wiley for Volume 19 are presented in Table 4 (attached).

d. Manuscript Flow

Activity on manuscripts submitted to the Journal is reflected in Tables 1 and 3. Additional reviewers used in 1981 are listed in Table 2.

EDITORIAL BOARD FOR VOLUME 18 (1981)

MEMBER	TERM	MANUSCRIPTS REVIEWED
Glen Aikenhead	(1982)	5
Ronald Anderson	(1982)	7
Jane Bowyer	(1981)	2
Rodger Bybee	(1983)	10
George Cossman	(1983)	6
Linda DeTure	(1983)	14
Fred Finley	(1983)	14
Robert Forsyth	(1983)	5
Dorothy Gabel	(1983)	12
Gene Hall	(1981)	13
Avi Hofstein	(1983)	9
John Koran	(1982)	10
Gerald Krockover	(1981)	8
William Lashier	(1981)	11
Frances Lawrenz	(1983)	15
Anton Lawson	(1983)	9
Marcia Linn	(1983)	16
Lawrence Lowery	(1983)	3
John Renner	(1983)	15
Robert Shrigley	(1983)	13
Warren Wollman	(1983)	12
Russell Yeany	(1983)	5

Mean Review Time = 28 days

Range of Review Time: $6 \leq R.T. \leq 90$

TABLE 2
ADDITIONAL REVIEWERS FOR VOLUME 18 (1981)

Alfredo Benevidez
Carl Berger
Linda Crow
Ann Howe
Mary Lou Koran
William Kyle
Jill Larkin
William Leonard
Louis Martinez-Perez
Sandra Pellens-Meinhardt
Chao-Ying Peng
Dale Phillips
Darrell Phillips
Ronald Raven
Michael Shayer
Ronald Simpson
Elizabeth Stage
Richard Tompkins
David Treagust
Euwe van den Berg
Mary Westerback
Paul Westmeyer
Victor Willson
Robert Yager
Larry Yore

TABLE 3

MANUSCRIPT FLOW VOLUME 18 (1981)

DISPOSITION	1978	1979	1980	1981	TOTAL
A. Manuscripts Reviewed	130	159	160	149	598
B. Comments & Criticisms	8	5	4	7	24
C. Book Reviews	-	-	-	2	2
D. Manuscripts Accepted	116	130	55	63	364
E. Manuscript Page Accepted	NA	NA	1050	1465	2515
F. Manuscripts Rejected	5	7	44	59	115
G. Manuscripts Deactivated	42	45	6	4	97
H. Manuscripts in Revision	9	22	34	36	101
I. Manuscripts in Review	9	22	36	17	84
J. *Acceptance Rate	71%	71%	54%	50%	63%
K. **Rejection Rate	29%	29%	46%	50%	37%

$$* \text{ Acceptance Rate} = \frac{D}{D+F+G}$$

$$** \text{ Rejection Rate} = \frac{F}{D+F+G}$$

TABLE

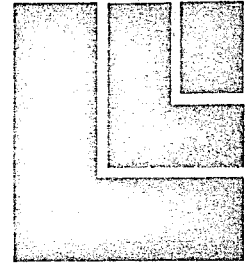
*COST ESTIMATES FOR PUBLISHING THE JOURNAL

Line Item	JOHN WILEY & SONS		UNIVERSITY OF IOWA**		LINN LITHO**	
	6 X 9 Size	7 X 10 Size	6 X 9 Size	7 X 10 Size	6 X 9 Size	7 X 10 Size
Composition (Camera-Ready Tables)	NA	NA	\$ 2,200	\$ 2,500	\$ 2,000	\$ 2,000
Composition (Type-Set Tables)	NA	NA	\$ 3,200	\$ 3,500	\$ 2,800	\$ 2,800
Printing (198,000 pages)	NA	NA	\$ 2,660	\$ 2,950	\$ 2,280	\$ 3,055
Mailing (198,000 pages)	NA	NA	\$ 1,444	\$ 1,444	\$ 1,444	\$ 1,444
Author Alterations (Est.)	NA	NA	\$ 480	\$ 520	\$ 420	\$ 420
<u>TOTAL COST PER ISSUE</u>						
With Camera-Ready Tables	NA	\$ 13,122	\$ 6,748	\$ 7,414	\$ 6,144	\$ 6,919
With Type-Set Tables	NA	NA	\$ 7,784	\$ 8,414	\$ 6,944	\$ 7,719
<u>TOTAL COST PER YEAR</u>						
With Camera-Ready Tables	NA	\$118,100	\$61,056	\$66,726	\$55,296	\$62,271
With Type-Set Tables	NA	NA	\$70,056	\$75,726	\$62,496	\$69,471

* Based on 1/82 Prices

** Does not include cost of advertisement or maintaining mailing files and labels

Linn Litho, Inc.
 ph. 377-8258
 3303 Third Avenue
 Marion, Iowa 52302



February 5, 1982

Jim Shymansky
 Science Education Building
 University of Iowa
 Iowa City, Iowa

Dear Jim,

The following is a breakdown of cost estimates for composing, printing and mailing services for the Journal of Research for Science Teaching:

I. Page size - 6" x 9"

Composition (100 pgs)	(\$20.00/pg)	\$2,000.00
Tables (100 pgs)	(\$28.00/pg)	
Printing		2,280.00
Printing - 2 color	(\$1640.00 addtl)	
Total for printing 2,200 copys		\$4,280.00
Mailing services - \$13,000 per year (9 issues)		

II. Page size - 7" x 10"

Composition (100 pgs)	(\$20.00/pg)	\$2,000.00
Tables (100 pgs)	(\$28.00/pg)	
Printing		3,055.00
Printing - 2 colors	(\$3265.00 addtl)	
Total for printing 2,200 copys		\$5,055.00
Mailing services - \$15,000 per year (9 issues)		

We estimate the total cost of production and mailing services for nine issues of 100 page book in 2,200 copies of about \$51,500 to \$58,500 per year excluding extra time for tables and second color.

Sincerely

PAT

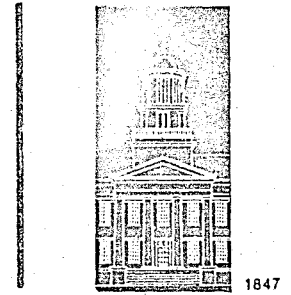
Patrick J. Fultz
 Account Representative

The University of Iowa

Iowa City, Iowa 52242

Department of Publications

(319) 353-3413



January 22, 1982

Dear Professor Shymansky:

At our meeting on the 11th you asked that we provide a recapitulation of the cost estimates that we have talked about for composing, manufacturing, and handling subscription services for the JOURNAL OF RESEARCH AND SCIENCE TEACHING. These follow.

Production Costs

Page size:	6½" by 10"	6" by 9"
Composition (96 pp.)	\$2,400.00	\$2,300.00
Extra for tables:	\$ 32.00	\$ 30.00
Printing	\$2,823.00	\$2,278.00
Total for 2,200 cys.	<u>\$5,223.00</u>	<u>\$4,578.00</u>

Mailing, Subscriptions

Subscription Services* \$11,000.00 to \$13,000.00 per year
(9 issues)

(plus one-time charge of some \$380 to keyenter and verify 1,400 paper addresses and combine them with 700 already on mag tape.)

* at postal rates in effect prior to Jan. 10, 1982.

We have taken from another similar publication a reprint schedule that will be at least close enough for estimating purposes. These prices are based on the reprints and the extra covers being printed at the time the issue is printed.

<u>REPRINTS:</u>	1st 50 Copies	1st 100 Copies	Add'l. 100's
For each 4-page section	<u>5.00</u>	<u>10.00</u>	<u>9.20</u>
For each 8-page section	<u>10.00</u>	<u>20.00</u>	<u>18.40</u>
For each 16-page section	<u>20.00</u>	<u>40.00</u>	<u>36.80</u>
For each 32-page section	<u>40.00</u>	<u>80.00</u>	<u>73.60</u>

Thus we are estimating a total cost-production and subscription services on nine issues of a 96-page book in 2,200 copies-of some \$52,200 to \$60,000 a year, not counting extra costs for composing complex tables.

Sincerely,



Don McQuillen
Director

Professor James Shymansky
Science Education
453A Van Allen Hall

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

National Association for Research in Science Teaching

March 1, 1982

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

Memorandum

PRESIDENT-ELECT
Dr. Carl F. Berger
School of Education
University of Michigan
Ann Arbor, MI 48109

To: William G. Holliday, Executive Secretary

From: Carl F. Berger, President-elect
Chair, Program Committee

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.,
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. Roger Bybee (1984)
Education Department
Carleton College
Northfield, MN 55057
Dr. J.A. Easley, Jr. (1982)
Bureau of Educational Research
University of Illinois
Urbana, IL 61801

The Program Committee met in November and selected proposals to be presented at the 1982 Annual Meeting of NARST. The denial rate was around 20%. In addition the Program Committee, in conjunction with the Executive Board, approved a new category of presentation, that of poster sessions. Some 18 proposals were selected to be invited for poster sessions.

The Program Committee invited Dr. Klaus Mai, President of Shell Development Company; Mr. LeRoy Lee, Director of the Wisconsin Academy of Science, Arts, and Letters; and Dr. David Butts, Director of the Department of Science Education at the University of Georgia to be our main speakers on topics concerning what various constituencies say to the science education researcher.

The Program Committee has concluded its work for this year and looks forward to an exciting conference.

CFB:mm

Dr. J. Dudley Herron (1983)
Department of Chemistry
Purdue University
West Lafayette, IN 47907
Dr. Jane B. Kahle (1984)
Department of Biological Sciences
Purdue University
West Lafayette, IN 47907
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
Mrs. Sarah E. Klein (1982)
National Science Teachers Association
1742 Connecticut Avenue, NW
Washington, DC 20009

55TH ANNUAL MEETING AT THE ABBEY ON LAKE GENEVA NEAR CHICAGO APRIL 5-8, 1982
SEND OFFICIAL CORRESPONDENCE TO THE EXECUTIVE SECRETARY (TELEPHONE 403-284-7485)

NARST COMMITTEE REPORT

February 10, 1982

M E M O R A N D U M

To: NARST Board

From: JRST Award CommitteeReport by: James P. Barufaldi, Chairman *J.B.*
JRST Award Committee
Science Education Center EDB 340
The University of Texas at Austin
Austin, TX 78712Committee members: Michael Padilla, Howard Bernie, William Brown,
Rodney Doran, James Kozlow, and William Ritz

The JRST Award Committee has completed its evaluation of the six issues of JRST, Volume 18 (1981). The Committee was evenly divided on its choice for the "best article." Therefore, we recommend that the JRST Award be made to both articles. The articles are:

Good, Ron and Fletcher, Harold J. "Reporting Explained Variance," JRST, Volume 18, No. 1, (1981), pages 1-8.

Boulanger, F. David. "Ability and Science Learning: A Quantitative Synthesis," JRST, Volume 18, No. 2, (1981), pages 113-122.

Recommendations

1. Increase the number of members on the Committee to a total of 12 (excluding chairperson).
2. Obtain a reaffirmation of each member's intent to remain on the Committee and participate in its work.
3. The past chairperson should be responsible for requesting the new Committee to begin tasks earlier in the year, perhaps before the NARST convention.
4. A new evaluation form should be developed to evaluate articles that focus upon a summary or a synthesis of research in science education. A few articles were difficult to classify as a position paper or research article, thereby making it challenging to evaluate them.

ARIZONA STATE
UNIVERSITY

TEMPE, ARIZONA 85281

COLLEGE OF EDUCATION

DEPARTMENT OF ELEMENTARY EDUCATION

February 26, 1982

Dr. William Holliday
The University of Calgary
Calgary, Alberta
CANADA T2N 1N4

Dear Bill:

Enclosed is a copy of the last report sent to you in October. The committee has not been involved in any further formal activities. As chairperson I have not received any communications from committee people, nor have I received any nominations.

I would like to request that I be relieved from the chairmanship of this committee. I do not feel that I have been an effective person in generating activity on the part of committee members and consequently it appears that as a result applications for new membership is flagging. Possibly a new chairperson might have more productive results than I have been able to generate to date.

If I may be of any assistance in the future please let me know.

A handwritten signature in cursive script, appearing to read "A. K. H.", located at the bottom right of the page.

Membership Committee

Interim Report

October 8, 1981

Chairperson: Herbert Cohen
Department of Elementary Education
Arizona State University
Tempe, AZ 85287
Telephone: 602-965-6019

I. Committee Activities

- A. Outline of procedures and nomination forms were mailed to membership coordinators. There was a flurry of nominations submitted early last year ('80-'81) -- these were forwarded to the proper individuals for follow-up.
- B. In response to the apparent decline in new membership, ideas were solicited both through telephone and mail correspondence.
- C. In addition to item B suggestions were solicited and received by Kathleen Fisher, who is associated with NSF. These ideas were shared directly with Bob Yager and Stan Helgeson, and indirectly through written correspondence with committee members (See attached letter).
- D. Bill Holliday put together a description of the activities and services of NARST. This compilation appeared in the September NARST Newsletter, accompanied by the suggestions that NARST members aid in recruitment using this list.
- E. A brochure, including the types of information described in item D, is being prepared to aid in recruitment.

II. Recommendations

- A. Advertise NARST in journals associated with organizations such as AERA and NSTA.
- B. Initiate a wide, personal (i.e., direct or telephone) contact system in order to recruit new members.
- C. Considering the present economic situation the possibility of offering reduced membership fees for students and possibly new members might enhance recruitment.

PURDUE
UNIVERSITY DEPARTMENT OF BIOLOGICAL SCIENCES

February 25, 1982

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

Dear Dr. Holliday:

This is a brief report on the activities of the NARST Placement Service Committee. I remain in contact with the members of the committee, although no information has been received from any committee member since December 1981. In the meantime, Dr. Lehman and I at Purdue continue to compile job listings from the Chronicle and other available sources. A copy of the most recent science education jobs listing is attached. These positions are all current and remain open as of this date. The committee will continue with the compilation of available positions.

Thank you. I look forward to seeing you in a few weeks.

Sincerely,



Jane Butler Kahle
Professor of Biological Sciences & Education

JK:jb

cc: James D. Lehman



Lilly Hall of Life Sciences
West Lafayette, Indiana 47907

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Affiliated with NSTA, AAAS, ASE and ICASE

National Association for Research in Science Teaching

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

February 24, 1982

PRESIDENT-ELECT
Dr. Carl F. Berger
School of Education
University of Michigan
Ann Arbor, MI 48109

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

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

Dear Stan:

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

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

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

1. "The Effect of Science Teaching on the Fourth-Grade
Child's Concept of Piagetian Physical Causality"

Dr. Roger Bybee (1984)
Education Department
Carleton College
Northfield, MN 55057

Louise L. Gann
H. Seymour Fowler

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

2. "Facilitating Problem Solving in High School
Chemistry"

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

Dorothy L. Gabel
Robert D. Sherwood

Dr. Jane B. Kahle (1984)
Department of Biological Sciences
Purdue University
West Lafayette, IN 47907

3. "Analyzing Arguments in Classroom Discourse:
Can Teachers' Questions Distort Scientific Authority?"

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

Thomas L. Russell

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

4. "Attitudes of Preservice Elementary School Teachers
Toward Science Teaching: Antecedents and Response
to Field Experience"

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

Joseph C. Cotham

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

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

NSTA REPRESENTATIVE
Mrs. Sarah E. Klein (1982)
National Science Teachers Association
1742 Connecticut Avenue, NW
Washington, DC 20009

Dr. Ellen Stephanie Simmons
4315 Martha Avenue
Woodlawn Heights
New York, NY 10470
312-325-7566

55TH ANNUAL MEETING AT THE ABBEY ON LAKE GENEVA NEAR CHICAGO APRIL 5-8, 1982
SEND OFFICIAL CORRESPONDENCE TO THE EXECUTIVE SECRETARY (TELEPHONE 403-284-7485)

Mr. Helgeson

-2-

February 24, 1982

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

5. "The Effects of a Modified Mastery Learning Strategy on Achievement, Attitudes, and On-Task Behavior of High School Chemistry Students"

F. Gerald Dillashaw
James R. Okey

I am requesting Bill Holliday 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 the Abbey.

With my best wishes always.

Sincerely,

Ellen S. Simmons

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

ESS:srd

cc: Dr. William Holliday

*Bill,
Please note*

Founded 1928
Incorporated 1961

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

National Association for Research in Science Teaching

March 2, 1982

EXECUTIVE SECRETARY

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

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

PRESIDENT-ELECT

Dr. Carl F. Berger
School of Education
University of Michigan
Ann Arbor, MI 48109

PRESIDENT

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

Dear Bill:

IMMEDIATE PAST PRESIDENT

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

No matters have been referred to the Police Advisory Committee since the fall Board Meeting, nor have I initiated any. Therefore, that committee has nothing to report. The election I presume will be completed by the Board Meeting and I'll report on it then. I suggest that you just list the candidates under the Election Committee's report.

BOARD MEMBERS

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

Dr. Roger Bybee (1984)
Education Department
Carleton College
Northfield, MN 55057

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. Jane B. Kahle (1984)
Department of Biological Sciences
Purdue University
West Lafayette, IN 47907

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

The following is just a suggestion. When you have stationery printed for next year, I suggest that the president's name follow your name rather than the name of the president-elect. On the current stationery the name of the president-elect follows your name.

Sincerely,



John W. Renner
Immediate Past President

JOURNAL EDITOR

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

JWR:aw

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

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55TH ANNUAL MEETING AT THE ABBEY ON LAKE GENEVA NEAR CHICAGO APRIL 5-8, 1982
SEND OFFICIAL CORRESPONDENCE TO THE EXECUTIVE SECRETARY (TELEPHONE 403-284-7485)

PUBLICATION ADVISORY COMMITTEE

RECOMMENDATIONS TO NARST

EXECUTIVE BOARD

1. We recommend that the annual Presidential address be published in the Journal of Research in Science Teaching. The policy for publishing the address shall be as follows:
 - A) The President-Elect and Convention Chair shall send a formal letter to the President informing him/her of the date, time and location of the President's address at the annual NARST meeting. A copy of this letter shall be forwarded to the JRST editor.
 - B) The JRST editor shall write the President informing him/her that he/she is expected to submit a paper to the JRST based on the Presidential address.
 - C) The JRST editor shall review the paper and discuss any changes with the then Past President.
 - D) If the JRST editor and Past President cannot agree on any recommended changes the Chair of the Publication Advisory Committee and a second person who is on the Editorial Board of JRST and on the Executive Committee of NARST shall review the paper and submit their recommendation to both the JRST editor and Past President.

Discussion

In making this recommendation the Publication Advisory Committee has tried to recognize several important issues. First, it is of immediate and historical importance that the Presidential address be published. Second, the President of NARST has, by nature of his/her being elected to that office, received the support and confidence of the majority of the membership. Third, the JRST editor also has a special position of directing and maintaining the integrity of the JRST. In developing this recommendation the committee has tried to recognize all of these issues, but at base, we have used the guiding principle that "no person - president or editor - is above the law." In this case, "the law" is that of having articles reviewed before publication in JRST. We believe the recommendation recognizes the interests of all concerned while accomplishing the important goal of publishing the Presidential address.

2. We recommend that the annual General Session addresses be published in the Journal of Research in Science Teaching. The policy for publishing the addresses shall be as follows:

page two

- A) The President-Elect and Convention Chair shall send a formal letter to the General Session speakers informing them of the date, time and location of their respective addresses at the annual NARST meeting. A copy of this letter shall be forwarded to the JRST editor.
- B) The JRST Editor shall write each General Session speaker and invite him/her to submit a paper based on his/her address. In the same letter the JRST editor should inform the General Session speaker that his/her paper will be subject to the standard review process of JRST.

Discussion

The Publication Advisory Committee thinks that selection of General Session speakers and topics should represent important people and information for the general membership of NARST. The possibility of publishing General Session speeches should improve the quality of presentations and the topics selected. It will be noted that these papers are subject to the standard review process.

- 3. We recommend the Executive Board consider the possibility of a convention issue of JRST. The issue could include the Presidential Address, General Session addresses and the research papers that have been reviewed and recognized for their excellence.

Discussion

Having all papers associated with the Annual Meeting seems to make sense. It may also appeal to many members who were unable to attend the meeting.

FOR DISCUSSION ONLY
NOT FOR RECOMMENDATION
TO NARST EXECUTIVE BOARD

INFORMATION: What Research Says to the Science Teacher

The NARST has assumed responsibility for selecting themes, authors, etc. of What Research Says to The Science Teacher. In the past, the preparation of their publication was done primarily through the NSTA Research Committee with some support from ERIC/SMEAC.

We are presently accepting suggestions for format, topics and authors. If you have any suggestions please forward them to me. I might note that the Publication Advisory Committee is not responsible for the final review and recommendation of the publication.

INFORMATION: Guest Editors for JRST.

The editor of JRST has received several inquiries from individuals interested in being guest editors for one issue of the journal. I bring this issue to you as a discussion item.

1. Do you think JRST should have some issues guest edited? If so, how many a year?
2. Assuming you responded favorably to the idea - what are your reactions to the following policy? I based this policy on my experience as guest editor for the APA publication - Journal of Social Issues.

NARST Policy for Guest Editors of JRST.

- A) Potential Guest Editor presents a 5 - 6 page summary of the proposed issue. The summary should include identification and justification of the theme, appropriateness of the theme for JRST, a list of authors, titles and abstracts of papers to be included in the journal.
- B) The JRST editor submits the summary to the Chair of the Publication Advisory Committee, Executive Secretary, President, Past President, President Elect and the NARST Research Coordinator. Each person sends his/her decision to the editor who then informs the potential guest editor of the decision.
- C) Assuming the discussion is yes, the Guest Editor submits papers to the JRST editor. All papers are reviewed in standard JRST manner. The JRST editor returns all reviews, recommendations etc., to the guest editor.
- D) The guest editor is responsible for contacting authors, getting changes re: recommendations, etc.
- E) The guest editor submits entire set of manuscripts to JRST Editor. The guest editor indicates changes and modifications of manuscripts in response to reviewer's criticisms.
- F) JRST editor sends all manuscripts to publisher.
- G) Guest editor and JRST editor are responsible for review of page proofs. Authors will be responsible for review of galley proofs.

A STATUS REPORT ON INVESTIGATIONS IN SCIENCE EDUCATION

Volumes I through VII have been published, four issues per volume, as well as a special edition of volume 5 which contained the papers of the general session speakers.

-Back issues are currently on sale, as long as the supply lasts, to make space for other ERIC-SMEAC publications at 1200 Chambers Road. Contact the SMEAC Information Reference Center for the special listing of sale publications.

-To date (March, 1982) we have 234 pages of typed copy ready to be assembled into the four issues of Volume 8 as well as 21 critiques and 10 replies of original authors to critiquers waiting to be typed by the College of Education word processing services office for use in production of Volume 8.

-As soon as the four issues of Volume 8 are assembled and shipped to the printers, we plan to get busy identifying possible articles for critiques for Volume 9. Because of costs, volumes 8 and 9 probably appear as spiral bound publications rather than perfect-bound as past issues have been.

-We still welcome persons who would like to serve as critiquers for future issues as well as those who already are waiting to work on an article, as they have for past issues.

Patricia E. Blosser
Editor

Victor J. Mayer
Associate Editor