



NARST

Newsletter

NEWSLETTER OF THE NATIONAL ASSOCIATION FOR RESEARCH IN SCIENCE TEACHING

FWX

Vol 11

FALL

NEWSLETTER

1969

Editor: Frank X. Sutman
Temple University, Philadelphia

PROGRAM ANNOUNCEMENTS

AAAS Meeting - Boston - December 30, 1969

Willard Jacobson announces the following NARST program at the AAAS meetings in Boston this December.

SCIENCE EDUCATION AND THE NATION

Co-Sponsored by the National Association for
Research in Science Teaching and Section Q

Tuesday, December 30

Independence-East Sheraton, Boston

9 a.m. Chairman: Willard J. Jacobson

This program has been planned as an extension of the symposium on science policy held at the 1968 convention in Dallas. Symposium panelists will make brief presentations. Discussion from the floor and interactions between panelists will follow. Members of the audience will have opportunities to react to presentations made by panelists.

Science Education and Cultural Development

Gerald Holton (Professor of Physics, Harvard University)

Science Education and Cultural Development

Thomas Fontaine (Deputy Director of Education, National Science Foundation)

Science Education and Disadvantaged Populations

Morsley Giddings (Associate Professor of Education,
Brooklyn, College and Senior Staff
Associate, Center for Urban Education)

Teacher Education and Research In Science Education

Marjorie Gardner (Science Teaching Center,
University of Maryland)

NARST Meeting - Minneapolis - March 5-8, 1970

The March 5-8, 1970 Meeting will be held at the Leamington Hotel, 1014 3rd Avenue, South, Between 10th and 11th Streets, Minneapolis, Minnesota 55404. YOUR RESERVATIONS SHOULD BE SENT IN AS SOON AS POSSIBLE. INDICATE YOU ARE ATTENDING THE NARST CONVENTION.

Address all program correspondence to:

Paul DeHart Hurd
Program Chairman
School of Education
Stanford University
Stanford, California 94305

Program Committee: Clarence H. Boeck, University of Minnesota; Robert G. Bridgham, Stanford University; Robert R. Buell, University of Toledo; Milton O. Pella, University of Wisconsin; James T. Robinson, BSCS, Boulder, Colorado; Paul Westmeyer, Florida State University.

Through the courtesy of Robert W. Howe, Ohio State University, it is planned to have abstracts of the 1970 program presentations in the hands of NARST members before the meeting dates.

NEWS OF MEMBERS

Paul DeHart Hurd plans to have several invited papers at the NARST meeting this year and at the present time one of these will be given by Dr. David P. Ausubel, Head of the Doctoral Program in Educational Psychology, City University of New York; a second paper will be presented by Dr. Robert B. Lindsay, Hazard Professor of Physics, Brown University.

Luther A. Arnold has been appointed to serve his twelfth consecutive term as Executive Secretary for the Florida Foundation for Future Scientists. Also he has received his eleventh consecutive grant for operating a Summer Research Participation Program for Secondary School Students at the University of Florida. A published report of a research study of the first eight years of this program is available on request from Dr. Arnold's Office.

Mike Atkins is arranging for a joint session of NARST and AERA on a topic of common interest to both groups.

Robert Halcomb Barker is involved in the process of developing audio-tapes coordinated with slides for problem solving at the Freshman level of Chemistry, as well as 8 mm cartridges for experiments in Chemistry and Inquiry slides for Chemistry.

Marjorie P. Behringer will be teaching at Interamerican University, San German, Puerto Rico, during the 1969 Summer for an NSF Biology Institute. This will be the third summer institute in which she has taught at Interamerican University.

C. B. Breedlove has been involved in an experimental program in teaching high school physics using telewriter and audio lectures over the telephone lines to students in four high schools in the Detroit area.

Phyllis S. Busch announces that Project S.P.R.U.C.E. is completing its third and final year (June 30, 1969). Work with and for teachers in the use of the outdoors environment as part of ongoing educational programs has been its greatest contribution.

The following curriculum materials have been developed and sent to ERIC:

1. A New Approach to School Camping Grades K-6: Some Suggestions for Outdoor Investigations in Science-Conservation for Camps, Playgrounds, Parks, Sanctuaries by Project S.P.R.U.C.E. staff
2. Seven Steps for Developing an Outdoor School Area for Teaching Science Conservation by Dr. Phyllis S. Busch, Project Director
3. PINE, a Teaching Guide to Discovery Indoors and Outdoors 101 Stimulating Ideas, Grades K-6 by Dr. Phyllis S. Busch, Project Director
4. S.P.R.U.C.E. Urban Discovery Manual: 75 Stimulating Ideas for Investigating Some Common Urban Resources K-6 by Dr. Phyllis S. Busch, Project Director
5. S.P.R.U.C.E. Discovery Manual (169 Investigations Indoors and Outdoors) Grades K-6 by Dr. Phyllis S. Busch, Project Director
6. Some Guides to Discovery about Cement, Cockroaches, Earthworms, Elm Trees, Owls by Dr. Phyllis S. Busch, Project Director
7. Ideas from Problems for Planning Lessons in Science Conservation: Indoors-Outdoors, Urban-Rural by Dr. Phyllis S. Busch, Project Director
8. Teaching Tips on Current Environmental Problems by staff of Project S.P.R.U.C.E.

The Project is centered in Stanfordville, New York 12581.

Matthew Bruce is serving as liason person between the Science Education Department and the Intern Teaching Program at Temple University. Also, he has just completed a study for NSTA on training programs for science teachers.

James Campbell has been appointed Assistant Professor of Science Education at University of Pennsylvania.

William W. Day has been appointed Dean of the School of Teacher Education, Ferris State College.

Clarence E. Diebel, Professor of Science at South Oregon College, Ashland, Oregon 97520 retired June, 1969. He will maintain an office at the college and may do some part-time teaching.

Ray Ebmeier, formerly a professor of chemistry at Ferris State College, has been appointed to the Science Education Division.

Calvin Gale has been appointed Director of Teacher Education at Houghton College.

Kenneth D. George has been promoted to Associate Professor of Science Education, University of Pennsylvania.

Harley F. Glidden, Colorado State College, was invited to be a visiting professor at the University of Guam for the summer program, 1969. He will be working in science education--the construction, analysis and use of classroom achievement tests and evaluation instruments.

Pauline Gratz was appointed as professor of science in the School of Nursing, Duke University, Medical Center, beginning academic year 1969-1970. She is to develop an interdisciplinary upper division two-semester course in Human Ecology.

Phyllis Gross has proposed a two-phased development for California State College in Science Education. Part I is a resource center for pre- and in-service teachers of science and mathematics to consist of a library materials center, multi-media study center, laboratory, and experimental teaching center. Library and materials areas are already in operation on a limited scale. The center will serve all levels, K-12, and possibly through 16. Part II is an experimental course for elementary teachers. (See Science and Children, March, 1969).

Robert R. Hart, New College, Hofstra University has prepared a report, introducing non-science students to the computer.

Paul Hoekema has been appointed to the Science Education Division at Ferris State College.

Paul DeHart Hurd is the author of a new book: New Directions in Teaching Secondary School Science, Rand McNally Co. 1969 Editor: "Guidelines for Development of a Life Science Program in the Middle School", BSCS Newsletter, No. 34
Received: Citation for Distinguished Service to Science Education (Dallas, 1969).

Zylpha D. Hurlbut announces an extensive building program is underway at Barber-Scotia College.

Dale E. Ingmanson is at San Diego State College.

Bob James has been appointed as Assistant Professor of Education at Kansas State University, Manhattan, Kansas.

Orrin Gould worked with a Peace Corps training program in Sierra Leone, West Africa again during summer 1969. This training program, one of the largest that is totally "in-country" is for about 150 new volunteers preparing to teach in the primary and secondary schools of Sierra Leone. Besides being the science education specialist for the training program, Gould will coordinate the secondary training program for all teaching fields, and will be working very closely with a small number of volunteers preparing for positions in Sierra Leone teacher training institutions.

Jack Cassels Jeffrey, former NARST member, died on August 23, 1968. Information of his death reached NARST during the summer of 1969.

Kenneth F. Jerkins, Morgan State College, participated in the SCIS implementation program at the University of California, (Berkeley), May 19-23, 1969.

Paul H. Joslin delivered a paper to the annual meeting of the Iowa Academy of Science meeting at the University of Northern Iowa, Cedar Falls April 18-19, 1969, "A Program to Improve Elementary Science in Iowa."

William J. LaShier, Jr. is Coordinator of Project Seek, which will survey the educational needs of students in Kansas for the State Department of Public Instruction.

Linda Lockwood has been appointed assistant professor of Natural Sciences at Teachers College, Columbia University, to have special responsibilities in the field of environmental sciences education.

George G. Mallinson has been elected as one of the 125 distinguished alumni in the 125-year history of the State University of New York at Albany. He is President-Elect of the Michigan Academy of Science, Arts, and Letters, 1969-1970, and Vice-President of the Board of Directors, Corporation of the Central States Universities, Inc. George also is a member of the Board of Directors of the American Association of workers for the blind.

Wendell Faris McBurney, Coordinator for School Science and Assistant Professor of Science Education attended a BSCS Conference for college professors at the University of Colorado, (NSF). Wendell also is a member of the Board of Trustees at Geneva College.

Glenn W. Murphy has joined the faculty of Portland State University as Associate Professor of General Science and Education.

Jean Kriebs directed a successful conservation workshop program at Temple's Ambler Campus.

Pearl Astrid Nelson, Boston University, recently was promoted to Professor of Education. Also, she has authored Elementary School Science Activities, Prentice Hall, 1968.

John Nickel, Wichita State University, is the director of a three year ESEA, Title III Project to systematically improve the instruction in elementary school science and mathematics by using a key teacher cross-trained in the subjects to help peer teachers improve their teaching.

Raymond J. O'Toole has accepted a position in Science Education at the University of Arizona, Tucson.

Wayne Ransom is consultant to the Pennsylvania Process Education Demonstration School Program involving the installation of Science - A Process Approach. This is in collaboration with the ERIE Project.

James T. Robinson is taking a one-year-leave-of-absence to join Biological Sciences Curriculum Study as consultant with responsibilities in research and development on a project which is part of the E. S. 1970 program sponsored by the United States Office of Education. In his absence from Teachers College, Professors Roger Anderson and J. W. George Ivany will assume the editorial duties of the Journal of Research in Science Teaching. All correspondence regarding manuscripts for the JRST may be addressed to him or to Professor Anderson at the Teachers College address.

William D. Romey has been appointed Director of the Earth Science Curriculum Project.

Edith M. Selberg is participating in a new science program in general education for nonscience students. Curriculum and learning activities are being designed in cooperation with a core of individuals: scientists from NASA Research Center assist in a lecture program and seminars on the impact of scientific research; graduate students preparing to be teachers aid with seminar and tutorial teaching; staff of teachers direct seminars, individualized learning, and instruction for 200 freshmen and enrolled students who teach each other to increase their learning.

Joseph Schmuckler is Acting Coordinator of the Science Education Department at Temple University.

Frank Sutman recently became a fellow in the American Institute of Chemistry, and is now Associate Chairman, Division of Curriculum and Instruction at Temple University.

Herbert D. Thier is directing a project entitled "Adapting Science Materials to the Blind." The purpose of the project is to design, develop, and adapt science materials, especially SCIS, to provide a laboratory centered program for blind children. This project is under a USOE grant.

Leslie W. Trowbridge, Chairman, Department of Science Education, Colorado State College, was elected Director of District X, NSTA, at its annual meeting in Dallas, March 20-25, 1969; also Leslie has been invited to spend a year at New York University developing plans for improvement of elementary science teacher education at his home institution.

Frederick B. Tubbs is joining the Division of Teacher Education, New York State Department of Education.

Wayne W. Welch has been appointed Assistant Professor of Educational Psychology and Associate Director, Educational Research Development Council (ERDC), at the University of Minnesota. His responsibilities will include developing courses of instruction and graduate programs in curriculum evaluation, conducting research on the general problem of curriculum evaluation and developing systems of evaluation to serve the practical needs of ERCS, a group of 46 Minneapolis area schools.

C. B. Whitney recently completed a status report on secondary school physics in South Dakota, with cooperation of the State Department of Public Instruction and Augustana College. State records were examined, including transcripts of all teachers of physics. Enrollments and teacher preparation were summarized and compared with national trends and standards. Results indicated that South Dakota had problems generally consistent with those reported by the Commission on College Physics in their "Preparing High School Physics Teachers."

Stephen Winter returned from an eight-month assignment with UNESCO in Paris.

Robert E. Yager announces that the initial copy of new By-laws has been sent to the Executive Board for their final approval and publication. Plans call for its adoption and immediate implementation at our Minneapolis Convention. The Committee consists, in addition to Bob, of Ellsworth Obourne, Richard Haney, and Clarence Boeck. Bob is involved with a special NSF sponsored project for administrators of secondary schools. Fifty will become involved with AAAS - A Process Approach, SMSG, IPS, ESCP, BSCS, CBA, CHEMS, HPP, PSSC, and ISCS. Also, he is Director of an Academic Year Institute for science supervisor trainees, two summer institutes, three in-service institutes, and two secondary science training programs involving talented high school students.

New members of the Science Education Department at Temple University: Albert Schatz (Biological Science Education) and Eugene Abraham (Elementary Science Education).

The Teachers College Press has recently published the following books of interest to science education researchers:

Boenig, Robert W. Research in Science Education, 1938 through 1947.

Swift, J. Nathan. Research in Science Education, 1948 through 1952.

These books are supplements of the Curtis Digests.

Mrs. Pruitt has written the following in response to the motion passed at the last Business Meeting of NARST.

In receipt of your letter of February 13, 1969, I want to thank you, as President of the National Association of Research in Science Teaching and all the members, for their kind thoughtfulness and sympathy expressed and condolences upon the death of my husband, Clarence M. Pruitt.

SLATE OF OFFICERS

Nathan Washton announces the slate of officers for the coming year. They are as follows:

President-Elect: Frank Sutman, Temple University
Robert Buell, University of Toledo

Secretary-Treasurer: Robert Yager, University of Iowa
Wayne Taylor, Michigan State University

Board of Director
Members: J. Myron Atkin, University of Illinois
Eugene Lee, Emory University
Roger Olstad, University of Washington

Ballots will be mailed to the membership around December 1.

Members of the Nominating Committee are: Nathan Washton, Queens College (Chairman); Clarence Boeck, University of Minnesota; Vaden Miles, Wayne State University.

NECROLOGY

Dr. Charles K. Arey	Dr. Kenneth Molchen
Dr. Jack C. Jeffrey	Dr. John S. Richardson
Dr. Hugo E. Lahti	Dr. Zachariah Subarsky

NEED FOR CURRENT ADDRESSES

We would appreciate your assistance in obtaining current addresses for persons listed. Addresses should be sent to:

Dr. T. Wayne Taylor
Secretary of NARST
E. 37 McDonel Hall
Michigan State University
East Lansing, Michigan 48823

Peter B. Barcaski
Laurie Lynn Benjamin
Earl W. Brakken, Jr.
Dr. Willard A. Brown
Dwight F. Clark
Gary Dean Day
Linda Hethershaw Darnell
Norman G. Dessel
Robert Earl
Jay William Erickson
Joyce Lane Fooks
John H. Frank

Mohammad Ilyas
Frank C. Jean
Mervin Johnson
Kenneth J. Jones
George T. Ladd
Anatol Mancott
W. Edgar Martin
Joseph Clemont Paige
Chris G. Poulos
Samuel Strauss
Albert Watrel
Lee E. Wickline

NATIONAL ASSOCIATION FOR RESEARCH IN SCIENCE TEACHING

BY-LAWS

SECTION 1: MEMBERSHIP

A. Eligibility

This Association shall consist of those who have had the preparation, demonstrated the competence, and evidenced the interest to make important contributions to the field of science education. The usual preparation for members is an earned doctorate in science education or its equivalent. Competence is usually demonstrated by a report of a research study or of an application of research in science education. Interest is evidenced by completing the form for application for membership. Individuals who have contributed outstanding service to the advancement of science education may be admitted to the Association.

B. Classes of Membership

The membership of the Association shall consist of Members and Associate Members.

C. Election of Members

Proposed new members shall supply the information requested on an application form that can be obtained from the Secretary. This application form will request name, address, academic background, professional background, research contributions, and other information.

Final approval of membership applications are the responsibility of the Executive Board. The Board may delegate to one or more officers the authority to approve the applications of those who clearly meet membership requirements. The names of those elected shall be read at the Annual Meeting.

Only completion of an application form is necessary for Associate Membership.

All resignations shall be sent to the Secretary in writing.

If the dues of a member remain unpaid beyond six months after due notice, the Secretary shall remove the name from the membership list.

Any former member may have his membership reinstated, without prejudice and without re-election, on request to the Secretary and payment of annual dues for one year beginning at the particular calendar year.

SECTION 2: DUES AND CONTRIBUTIONS

The annual dues shall be recommended by the Executive Board and established by a majority vote of all members by mail ballot. The dues shall cover one calendar year and shall become payable at the beginning of the calendar year.

A person, association, or institution interested in furthering research in Science Education, may be designated a Patron. Patrons must contribute one hundred dollars or more to the Association per year. The exact sum and formal approval must be negotiated individually with the Executive Board.

SECTION 3: OFFICERS AND EXECUTIVE BOARD

A. Officers

The officers of the Association with specific duties include:

1. President who shall act as chairman of the Executive Board, have general charge of the affairs of the Association and preside at all business meetings, be an ex-officio member of all committees, and arrange a symposium for the Association at the Annual Meeting of the American Association for the Advancement of Science.
2. President-Elect who shall preside at all business meetings in the absence of the president and be chairman of the program committee for the Annual Meeting.
3. Past-President who shall serve as voting member of the Executive Board, act as chairman of the policy committee, and serve as chairman of the election committee.
4. Secretary-Treasurer who shall keep an account of the receipts and expenditures, pay all bills of the Association, make a report to the members at the Annual Meeting, and prepare a proposed budget for the forthcoming year. Provide membership list, maintain a directory, and supply mailing labels for conducting of the Annual Meeting.
5. Research Coordinator who shall act as chairman of the research committee, organize and supervise the research activities of the Association (subject to review by the Executive Board), make a report to the Association at the Annual Meeting.
6. Board Members who shall serve as voting members of the Executive Board, serve on standing and special committees as requested.

B. Executive Board

The officers (president, president-elect, the immediate past president, secretary-treasurer, research coordinator) and six Board Members-at-large shall constitute the Executive Board of the Association. Ex-officio members of the Executive Board shall consist of the editor and chairman of the standing committees who are not already full members of the Executive Board.

The Executive Board shall be empowered to transact all official business for the Association. It will meet prior to and following the annual meeting. The Executive Board shall consider all business and accept or reject decisions and actions taken by the officers between meetings of the entire Executive Board. The Executive Board may use the mails and/or wire service for transacting business that cannot be delayed until the time of the Annual Meeting.

Only elected members of the Executive Board may cast official votes in the transaction of business. Ex-officio members of the Executive Board may enter fully into all discussions and other matters concerning the business brought before the Board either in formal meetings or by mail or wire transactions.

C. Terms of Office and Eligibility

Only Members shall be eligible to hold office. Candidates for office of president-elect must have been a member of the Executive Board. Neither the president nor president-elect shall be eligible for election to the same office for a second term.

Two of the six Board Members-at-large shall be elected to three year terms each year. The president, with the consent of the majority of the Executive Board, shall appoint Members-at-large to fill positions vacated before completion of the term. Board Members-at-large shall be ineligible for serving more than one three year term.

The president-elect shall assume the presidency if the office is vacated before the completion of the term. If serving such an unexpired term results in six months or more in the office of president, a new president-elect will be appointed by the Executive Board and he will become president the next year. If less than six months is involved, the new president shall serve for the entire year as president as well. The office of president-elect will then remain unfilled until the regular time for elections.

In the event that both the office of president and president-elect are vacated at the same time, or within the same term, the Executive Board shall appoint members of the Board to fill the unexpired terms and both offices will be filled the following year through election.

The secretary-treasurer shall be elected to a three year term. He is eligible to be elected to only one additional three year term as one candidate on a competitive ballot.

The editor shall be appointed by the Executive Board to a five year term. He shall be eligible for re-appointment to additional terms at the pleasure of the Executive Board.

The term of research coordinator shall be a three year term. A person may not hold this office for more than two terms. If the research coordinator stands for re-election, a competitive slate is required where there is at least one other candidate for the office.

The terms of office for the secretary-treasurer and the editor can be reduced from the three or five year period by two-thirds vote of the other members of the Executive Board. If the offices of editor, secretary-treasurer, or research coordinator are vacated before the end of the separate terms, the Executive Board shall fill the unexpired terms by appointment.

D. Election of Officers

At the regular Annual Meeting, the president shall appoint an election committee of three to prepare mail ballots for electing officers for the next ensuing year. A slate of two or more nominees shall be selected for each vacant office.

The slate proposed by the election committee shall be published in the Newsletter at least four (4) months prior to the Annual Meeting.

Additional nominations may be made by petition of ten (10) members. Said petitions shall be in the hands of the secretary three (3) months prior to the Annual Meeting.

Ballots shall be mailed by the secretary-treasurer to all members eligible to vote two (2) months prior to the Annual Meeting. The completed ballots shall be returned to the chairman of the election committee for counting no later than four (4) weeks from date of mailing to members.

Election shall be by plurality, in serial order. In event of a tie vote, the decision shall be made by vote of the members present at the Annual Meeting.

All terms of officers shall begin at the close of the Annual Meeting at which the election results are announced and shall continue until the close of the Annual Meeting of the year the term ends.

SECTION 4: PUBLICATIONS

A. Editor

An editor shall be selected in the manner as previously described. He shall serve on the Executive Board and the Publications Advisory Committee in an ex-officio capacity. He shall absent himself from these sessions when policies and considerations are being made where his absence is suggested.

The editor shall administer all publication ventures of the Association. He shall delegate responsibilities to others with approval and consent of the Publications Advisory Committee and the Executive Board.

The editor shall prepare an annual report for the meeting of the Executive Board, for the Publications Advisory Committee, and for the Annual Business Meeting.

The editor shall work with the Editorial Board in the publication of the Journal of Research in Science Teaching. He shall seek the approval of the Publications Advisory Committee and the Executive Board for the organization and the appointment of the persons to serve as associate editors and as other members of the Editorial Board.

B. Editorial Board

The editor, the associate editor, and members of a special review committee shall be known as an Editorial Board with the editor as chairman. The Editorial Board shall be responsible for evaluating papers submitted for publication in the Journal of Research in Science Teaching.

The Editorial Board will be responsible for carrying out the policies suggested by the Publications Advisory Committee and approved by the Executive Board. The size of the Editorial Board shall be determined by the necessary divisions of labor in preparing the Journal. The Editorial Board may request changes in policy by making recommendations to the Publications Advisory Committee for appropriate consideration. The Executive Board may make specific recommendations directly to the Editorial Board concerning Journal policy.

SECTION 5: MEETINGS

The Executive Board shall arrange the time and place of the Annual Meeting and may arrange additional meetings. The business meeting of the Association shall be held at the time and place of the Annual Meeting.

Roberts Rules of Order, Revised, shall govern the conduct of all meetings held by any group whatsoever in conducting the business of the Association except as otherwise specified in the Constitution or By-Laws.

SECTION 6: COMMITTEES

The President, with the approval of the Executive Board, shall appoint all standing and special committees. Standing Committees include the following with duties as outlined:

- 1) Policy Advisory Committee - Members include: past president as chairman; two members (with two year rotating terms), president-elect (ex-officio); Duties are: annual review of By-Laws, changes in structure or orientation of the Association, review of new activities or ventures of the Association.
- 2) Financial Advisory Committee - Members include: chairman (three year term), three members (with three year rotating terms), secretary-treasurer (ex-officio); Duties are: consider annual budget prepared by the secretary-treasurer, approve of program expenses, approve of publication costs and new ventures, offer advice and recommendation to the Executive Board regarding all financial affairs of the Association, arrange for an audit of Association accounts at least every three years.
- 3) Publications Advisory Committee - Members include: chairman (three year term), three members (with three year rotating terms), editor (ex-officio); Duties are: establish policy concerning the Newsletter, the Journal, and special publication ventures of the Association, review arrangements with editors of publications, suggest changes in yearly publication practice to the Executive Board.
- 4) Program Committee - Members include: president-elect as chairman, three members (with one year rotating terms), research coordinator (ex-officio); Duties are: establish theme and format for Annual Meeting, arrange for special speakers and symposia, evaluate abstracts for contributed papers. (A local arrangement committee may be established if desired.)
- 5) Research Committee - Members include: research coordinator as chairman, three members (with three year rotating terms); Duties are: prepare yearly reviews of research in science education, work closely with ERIC Center, recommend needed areas of research, research symposia, and training programs.
- 6) Election Committee - Members include: past-president as chairman, two members (with one year terms each); Duties are: establish slate of officers for each election four months prior to date of Annual Meeting, make arrangements for preparation and distribution of ballots three months prior to the Annual Meeting, tabulate election results, notify candidates of the outcome of the election a month prior to their assuming office, announce election results at Annual Meeting, arrange for installation of new officers and transfer of the responsibilities of Executive Board for the Association.

The nature and duties of special committees shall be specified at the time of appointment.

Each special committee appointed by a President shall be considered automatically discharged at the close of the Annual Meeting next following the appointment, unless specific action to continue the appointment be taken by the President who enters the office at the close of the Annual Meeting.

Standing and special committees shall prepare reports for the Annual Business Meeting and at such other times as requested by the President.

SECTION 7: DISSOLUTION

The following provisions as to dissolution shall be observed in so far as competible with the Minnesota Nonprofit Corporation Act, NSA 317.44-61.

In the event of dissolution of the Association, the Executive Board shall, after payment of debits and obligations, transfer the net assets to the American Educational Research Association for its charitable and educational purposes, especially for research in education; provided, the American Educational Research Association is then exempt from Federal income taxes as a charitable and/or educational organization. If the American Educational Research Association is not then so exempt, the net assets, as aforesaid, shall be transferred to any nonprofit university, or to any other tax exempt agency selected by the Executive Board because of its interest in improving and advancing educational research.

If, six months after dissolution of the Association, the foregoing provisions have not been acted upon, the Executive Board of the American Educational Research Association shall have authority to carry out the provisions of this section. If, in taking this action, the American Educational Research Association is not then exempt from Federal Income Taxes as a charitable and/or educational organization, the Executive Board of the American Educational Research Association shall transfer the net assets, as aforesaid, to a tax exempt organization which has recognized charitable and/or educational purposes.

SECTION 8: AMENDMENTS

The By-Laws may be amended by affirmative votes of a majority of those returning ballots by mail. Proposed amendments and/or changes will be proposed by the Policy Advisory Committee. The results of this deliberation shall be approved by the Executive Board. After this the amendment or change will be circulated to the membership by the secretary along with a ballot. A majority of those responding must indicate approval before the By-Laws are amended.

Ratification and Implementation: If these By-Laws are approved at the 1970 Annual Meeting, the Executive Board is encouraged to fill the newly created offices in the manner outlined for vacated offices in this document for the 1970-71 year of operation.