

Science Association for Persons with Disabilities
GOOD NEWSLETTER

Volume 50

Spring 1995

NEWS FROM THE PRESIDENT

The paperwork has been completed and sent off to the NSTA Board of Directors for SAPD to be considered to receive AFFILIATE STATUS. Thanks to all who have helped. Judith Sweeney, one of our SAPD members and a board member of NSTA is heading the committee to present our papers to the BOD. Thanks, Judith.

A special thanks goes out to Judy Bazler and James Gallagher, our Convention Committee members for the dates and times for our luncheon and annual meeting. These dates are:

ANNUAL MEETING: Thursday, March 23rd, 1:00 - 4:00 p.m.

Meeting Room 310, Marriott Hotel.

LUNCHEON: Friday, March 24th, 12:00 - 2:00 p.m.

Meeting Room 310, Marriott Hotel.

Many thanks to Brett Moulding, our Membership Chairman, who has worked very hard to recruit current and past members for SAPD. We now have 80 paid members for 1994 and already have 18 paid members for 1995. Use the membership flyer in this newsletter to give to your friends to become members. Let's work together to get our membership up to 100 paid members!

John Stiles, our Publications Chairman, is looking for manuscripts for our journal. These articles don't have to be long in nature. Contact John for ideas for publication. Let's encourage some of our graduate and undergraduate students to consider writing articles worthy of publication for this journal. Those of us who are teaching at all levels of education have something to offer the rest of us. Please send your ideas and projects that have worked to John for publication. Pre-convention workshop participants--why not send information to me or John on what you are doing in the area of science for students with disabilities? We'd all be interested. I understand some of you are writing grants. Any funding yet?

Sincerely,

Janet Mansfield Davies

FROM AAAS:

by Beth Goodrich

Luncheon for Students with Disabilities

Talking with a scientist or engineer with a disability can be an exciting experience for a youngster, especially if the child's disability matches that of the adult.

But excitement is not the only objective of the annual AAAS Luncheon for Students with Disabilities: fun plays a part; possible mentoring relationships are explored; advice is exchanged; friendships begin. The luncheon became a fixture of the annual meeting 15 years ago, and today scientists who once attended as children are invited back to play the adult role. It is part of the Public Science Day activities organized by the AAAS Directorate for Education and Human Resources Programs.

This year's luncheon will be held Friday, February 17; attendance is limited to about 80 youngsters (grades 4 through 12) and 20 adults, all of whom are required to register in advance. Last year's group included about 20 students who are deaf or have hearing impairments; 15 who are blind or have low vision; 30 with mobility impairments, including several who use wheelchairs; and about 30 with learning disabilities. Kent Cullers, a Signal Detection Scientist at the Search for Extraterrestrial Intelligence at NASA's Ames Research Center, urged the youngsters to pursue their interests without being deterred by "handicaps" imposed by others.

In Atlanta, both youngsters and adults at the event will be invited to participate in hands-on science activities led by AAAS staff members Jerry Bell and Laureen Summers. For additional information, contact Beth Goodrich at AAAS, 202-326-6630 (V/TDD), 202-

371-9849 (FAX, or bgoodric@aaas.org (Internet). Future AAAS Annual Meetings are:

2/8-13/96 in Baltimore
2/13-18/97 in Seattle
1/12-17/98 in Philadelphia

YOUTH WITH DISABILITIES

by James J. Gallagher

Following is a story. The story of children with disabilities and their special day.

October is National Awareness Month for People with Disabilities. The Mayor's Commission for People with Disabilities organizes awareness type activities in Philadelphia. As a member of that Commission, a member of the Museum Council in Philadelphia and as a science/math museum educator at our science museum, the Franklin Institute and Fel's Planetarium, for the School District of Philadelphia, I organize a "Youth with Disabilities Day" each year.

Letters of invitation go out to private and public school teachers whose primary concern is teaching youth with disabilities. We include physical and mental disabilities and we bring the children together for a planetarium show, "Many Moons", and to spend the day visiting at the Franklin Institute.

This is our fourth annual "Day" and this year we had 200 children and 100 of their assistants visit us on this special day, which is a multifaceted sponsored affair.

The school system through its Museum Education Program reaches out to other community resources. The Arts in Special Education Program out of Harrisburg, Pennsylvania supplies funding for a storyteller.

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NEWS FROM THE PRESIDENT-ELECT

By Ben Van Wagner

I conducted a 6 hour workshop on Science for Students With Special Needs for elementary and secondary teachers at the CSTA (California Science Teachers Association) Convention at Palm Springs on October 14, 1994. The workshop provided a foundation for understanding various categories of disabilities and concentrated on how to teach these students hands-on science lessons. The participants enjoyed being involved in several hands-on lessons that illustrated best practice ideas. It is always empowering to share ideas with fellow teachers and be co-learners.

I encourage all SAPD members to attend the NSTA Convention in Philadelphia and especially to be present at our SAPD Board Meeting on March 23, 1995. Our organization has great potential and lots to offer to the academic community. The SAPD Constitution states that our purpose is "to promote and advance the teaching of science and the development of curricula and instructional materials for students at all levels, with any manner of disability in the learning process. SAPD shall also strive to stimulate research related to the general area of science education for students with disabilities." Each of us needs to be present at the Board Meeting and to offer new positive ideas for the future of our organization. I also urge you to recruit fellow workers and interested individuals in SAPD membership; let's multiply our efforts in 1995.

Youth with Disabilities

(continued from page 2)

The Mayor's Commission for People with Disabilities supplies an Interpreter for our hearing impaired youth. The Philadelphia Energy Company supplies custom made T-shirts and/or night-shirts. The Museum Council of Delaware County and

Philadelphia reads an accommodation for its "barrier-free" museums. High ranking representatives of the Philadelphia School System present an accommodation to the Youth from the Philadelphia School Board members.

Tastykake supplies "goodies" for lunch and the staff of the Franklin Institute and the Fel's Planetarium supply the educational entertainment.

All disabilities are welcomed from our blind youth to our mentally retarded youth. All individual needs and expectations for a good science day are met. Science on this day in the lives of our disabled youth becomes a verb and not a noun, thanks to all the cooperation this program receives from the community at large.

("Awareness Month for People with Disabilities" and "Youth with Disabilities Day" occur in Philadelphia during October of each year.)

NON-PROFIT STATUS AND CORPORATION

As a part of our affiliation procedure, SAPD needs to be a non-profit corporation in accordance with 501C-3 of the IRS. Filing for this status will cost our treasury at least \$300.00 or more. We are appealing to our membership for gifts of money designated especially for this expense. If you feel like you can help defray some or all of this expense, please send your designated money gift to SAPD, c/o Dr. Jan Davies, Colorado Christian University, 180 S. Garrison St., Lakewood, CO 80226. Thank you very much.

Science Association for Persons with Disabilities

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**SCIENCE ASSOCIATION FOR
PERSONS WITH
DISABILITIES (SAPD)
Officers 1994-95**

PRESIDENT:

Dr. Janet Mansfield Davies
Colorado Christian University
180 S. Garrison St.
Lakewood, CO 80226

SECRETARY/TREASURER:

Cornelia Munroe
GEDTS/ACE
One Dupont Circle, N.W..
Suite 250
Washington D.C. 20036-1163

MEMBERSHIP COMMITTEE:

Brett Moulding
3322 West 2200 North
Ogden, UT 84404

PAST PRESIDENT:

Dr. Greg Stefanich
Ed. Center 618
University of Northern Iowa
Cedar Falls, IA 50614

PRESIDENT-ELECT:

Dr. Ben Van Wagner
Fresno Pacific College
1717 S. Chestnut Ave.
Fresno, CA 93702

PUBLICATIONS

Dr. John Stiles
Dept. of Curriculum &
Instruction
University of Northern Iowa
Cedar Falls, IA 50614

CONVENTION COMMITTEE

Judith A. Bazler
College of Education
Lehigh University
309 Coppee Hall
Bethlehem, PA 18018
&
James J. Gallagher
2007 A South Street
Philadelphia, PA 19146

NEWSLETTER COMMITTEE

Chaired by Secretary/Treasurer

Don't forget to read the
Advance Program for the 1995
NSTA Convention, Philadelphia.

**NATIONAL SCIENCE
EDUCATION STANDARDS**

By now, all of you should have received a draft copy of the National Science Education Standards dated November, 1994. Please review the draft and make comments if you have them on these standards. This is our opportunity to have input on these standards before they are finalized. Return your completed review form by February 28, 1995 to: National Research Council, National Science Education Standards Project, 2101 Constitution Ave., NW HA486; Washington, DC 20418. If you have questions, please call the project office at (202) 334-1399.

**SCIENCE ASSOCIATION FOR
PERSONS WITH
DISABILITIES**

Treasurer's Report

March 30, 1994

<u>Income (4/1/93-3/25/94)</u>		
Balance 4/1/93		796.30
Dues		290.00
Bibliography sales		60.00
Interest		6.30
Total:		1,152.60

<u>Expenses</u>		
Supplies		6.59
Secretary		97.00
Postage		98.96
P.O.Box 17411 (1 yr.)		36.50
Printed Paper (newsletter & bibliog)		78.79
Total:		317.84

Balance on Hand
(3/25/94) \$834.76

Urgent Request

The Microcosmos program of Boston University is offering a special program geared for teachers and biology graduate students at Oxford University in England this summer from July 24 to August 13. Our application deadline is March 1st, but we will likely extend it to March 15th. This is an exciting learning opportunity at Oxford University in England this summer. Participants will

be intensively involved in two field-based courses: Microcosmos Workshop and Symbiosis. Douglas Zook and Pam Pelletier of the Microcosmos teacher team will model active classroom methodologies that use microorganisms as a stimulating theme for teaching a wide variety of life science-oriented topics and skills. Supported by the National Science Foundation, Microcosmos has been highly acclaimed for showing how the most common and influential life on the planet can be an innovative, mainstream part of school curricula. The application deadline is March 15th. The program cost is \$2200.00 which includes tuition, special field trips, and housing on the Oxford campus. Please contact Dr. Douglas Zook, Director, Microcosmos Program, B. U. School of Education, Boston, Mass., 02215. Telephone 617-353-2754 or the Boston University Division of International Programs at 617-353-9888 for application materials and further information.

**Affiliation Temporarily
Denied**

In January of this year, the NSTA board met and considered our proposal for affiliation. Due to a
(continued on page 6)

THE LIGHTHOUSE INC. PURCHASES CONSUMER PRODUCTS BUSINESS

The American Foundation for the Blind (AFB) recently sold its consumer products business to The Lighthouse. The new company will continue to advocate for the development and availability of assistive products and technology for the blind and/or visually impaired, and will produce a full line of products, at reasonable prices, through its catalog and retail showroom headquartered in New York. For further information, call or write: The Lighthouse Inc.; 111 East 59th Street, New York, NY 10022; Tel (212) 821-9200; FAX (212) 821-9707; TDD (212) 821-9713.

Meet LAURENCE RAND, an outstanding member of SAPD. Larry, as he is called, is currently the President-Elect of STANYS (Science Teachers Association of New York) and an Elementary Science Coordinator. He works with a variety of students from K-6+, many with learning and physical disabilities. Larry enjoys traveling, tennis, and singing. In 1989 he received the Outstanding Science Teacher Award and in 1993 he was presented with the Outstanding Environmental Educator Award given by the NY State Forest Practice Board. Congratulations, Larry! Larry has been an invited participant in our pre-convention workshops on Science for Students with Disabilities.

REBATE FROM NSTA: This past year SAPD has benefitted by \$14.00 added to our treasury from NSTA. Seven people have checked the appropriate box on the registration form at the national and area conventions, giving SAPD a \$2.00 rebate for each person. Please note this No. 84 on your next registration form and check SAPD. Thanks.

Betty Preece, one of our SAPD members and a pre-convention workshop participant, is organizing a session on Teaching Science to Students with Disabilities for the American Association of Physics Teachers' meeting at Gonzaga University, Spokane, WA in early August, 1995. For further information, contact Betty at 615 N. Riverside; Indialantic, FL 32903. TEL/FAX 407-723-6835.

AFFILIATION TEMPORARILY DENIED

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vagueness in their proposal guidelines, they decided to deny all proposals until they rewrote and clarified those guidelines. Judith Sweeney will be present at our annual meeting to report the action of the board, and where we go from here. Please plan to be present on Thursday, March 23, 1:00-4:00 p.m., room 310, Marriott Hotel.

A BRIEF HISTORY OF THE
SCIENCE FOR THE HANDICAPPED ASSOCIATION (SFHA)
(also known as the
SCIENCE ASSOCIATION FOR PERSONS WITH DISABILITIES)
[SAPD]

In 1972, Dr. Ben Thompson of the University of Wisconsin in Eau Claire suggested that a session on the topic of science for the mentally handicapped be included in the program of the 1973 Annual Convention of the National Science Teachers Association (Detroit). Speakers at this contributed-papers session were Dave Brotski, River View School, Manitowoc, WI; Dr. Lloyd Bennett, Texas Woman's College, Denton, TX; James Humphrey, University of Maryland, College Park, MD; and Dorothy Curtis from the Biological Sciences Curriculum Study (BSCS) in Boulder, CO. About 20 people were present to hear these talks.

There was interest at that meeting to form an organization for the promotion of science teaching for the Educable Mentally Handicapped (EMH) child, so about 18 people decided to carry on and elected Dave Brotski and Ben Thompson to work on an organizational framework. After the 1974 National NSTA Convention, at which we had another Contributed Papers Session, we met and decided to promote science for ALL handicapped children. Thus, Science for the Handicapped Association was born, and our first newsletter, the GOOD NEWSLETTER, was published! This newsletter continues with a Spring and a Fall issue each year. In 1991 we modified the name of our organization to the Science Association for Persons with Disabilities to reflect the newly emerging emphasis on students first and disabilities second. In the Spring of 1993 we began our first annual journal, *Journal of Science for Persons with Disabilities*.

Our first officers were elected in 1976, and our Constitution was subsequently written. We hold our annual meetings during the NSTA conventions. Our members have been active in giving presentations at NSTA and other professional conventions. They have conducted local workshops in their schools or colleges, have written books, produced films and videos, written access guides, developed curricula. These materials have been developed for students with

disabilities and promote science as a viable career option for them. Several of our members have worked collaboratively with AAAS, NSTA, and NSF to write pamphlets, books, and develop guidelines for the inclusion of ALL students in science classrooms and alternative science programs. We have had a Fulbright Scholar go abroad to study science and handicapped students in other countries.

One of our largest, on-going projects has been to develop a comprehensive bibliography on science for students with disabilities. Our current bibliography, covering books, articles, papers, and periodicals from 1924 to the present, includes over 1,100 citations, and has been published in ERIC. As our Constitution states, we exist to promote and advance the teaching of science and the development of curricula and instructional materials for students at all levels, with any manner of disability in the learning process. For the past two years, at Kansas City in 1993 and at Anaheim in 1994, SAPD has produced pre-convention workshops on science for students with disabilities. These workshops, produced in conjunction with AAAS and partially funded by a grant from NSF have been attended by selected persons from all over the United States. We have received word that funding has now been allocated for another workshop, this one to be held prior to the NSTA Convention in St. Louis in 1996. Proceedings of the past pre-convention workshops have been published.

In 1981, we became an associated group under NSTA. We have benefitted by attendance at Chapters and Associated Groups (CAGS) functions for 14 years and are now seeking affiliated status. Many of our members have become involved in committees and other organizations under the NSTA such as the Special Education Advisory Board and the Association for the Education of Teachers of Science (AETS).

Our organization had grown from 18 members in 1973, to over 1,000 by the mid-1980's. Membership fell after Ben Thompson retired from SFHA, when all the papers were lost in the mail during the transition in 1990. We currently have close to 100 paid members, and are working very hard to build up our membership again. We are international in scope, and currently have members from Spain and Australia. In recent years we have also had members from Canada, England, and Italy.

Our history includes the following officers and the years they served:

President (1976) Janet Mansfield
President (1977) Ken Ricker
President (1978) Martha Redden
President (1979) Judy Egelston-Dodd
President (1980) Dean Brown
President (1981) Anne Swanson
President (1982) Harry Lang
President (1983) Dan Burch
President (1984) Ian Brindle (from Canada)
President (1985) Frank Franks
President (1986) Jeff Himmelstein
President (1987) Charles Coble
President (1989) George Davis
President (1991) Greg Stefanich
President (1993) Janet Mansfield Davies
President (1995) Ben Van Wagner
Secretary/
Treasurer (1976-1990) Ben Thompson
(1990- 1993) George Davis
(1993) Ruth DeBuck
(1994-) Cornelia Munroe*

*appointed pro tem until the 1995 Annual Meeting. Financial transactions to continue with Dr Janet M. Davies until said Annual Meeting, Philadelphia, Pa. at the 1995 NSTA Convention

**DAVID BARTLETT INVOLVES MENTALLY
IMPAIRED STUDENTS IN SCIENCE**

David Bartlett, SAPD member and pre-conference (Anaheim) workshop participant, is a special education teacher in Michigan who provides science activities to students that are severely mentally impaired, severely multi-impaired or dually diagnosed (trainable mentally impaired and emotionally impaired), and who may also have visual, auditory or motor impairments, as well as communication problems. Quite a range, David! David received a mini-grant from his school district to purchase curriculum materials, publications, activity guides and equipment suitable for the functioning levels of his students. David would like to share his program and teaching ideas with anyone interested. Please contact him at Old Village School; 405 W. Main St.; Northville, MI 48167 or call: (w) 810-344-8460 or (h) 810-347-0829.

SAPD MEMBERSHIP 1995

Dues include subscription to the Good Newsletter, published semi-annually, information regarding the annual SAPD meeting and an annual journal, Journal of Science for Persons with Disabilities.

Please complete and return the following information with your dues:

NAME _____

POSITION _____

DEPARTMENT (If Applicable) _____

INSTITUTION _____

MAILING ADDRESS _____

CITY, STATE _____

SAPD dues for 1995 \$10.00 _____
(Overseas Members \$16.00)

Updated Bibliography \$5.00 _____
(Overseas Members \$8.00)

Total Enclosed _____

Send to:

Science Association for Persons with Disabilities (SAPD)
Brett Moulding, Membership Chairman
3322 West 2200 North
Ogden, UT 84404

APOLOGIES IN ORDER: The Fall '94 GOOD NEWSLETTERS were sent out last October. Five newsletters were returned with no label on them. Did any of you NOT receive your Fall newsletter? If so, please notify Cornelia Munroe at (301) 622-9695 for a copy. So Sorry!

The University of California at Berkeley has a program for students with "severe" physical disabilities called the PHYSICALLY DISABLED STUDENT'S RESIDENCE PROGRAM. This program is designed to assist students who use wheelchairs and personal care assistance to develop their own independent and interdependent living skills during their initial year at Berkeley. If you are planning on applying to U.C. Berkeley for Fall '95, please contact: Bill Blanchard at (510) 642-8775 or you can send an E-Mail to wjbdsp@uclink.berkeley.edu

NSTA will present KENYAN SAFARI, July 23-August 7, 1995. This is an opportunity to participate in this East African experience and visit Masai Mara National Park during the Great Serengeti Migration, explore the Great Rift Valley, the Kariandusi Prehistoric Site, the flamingos of Lake Nakuru, the mountain forests of Aberdares National Park, a local school and village as well as the people and cultures of cosmopolitan Nairobi. For more information, contact Chris Migliaccio at 18710 Belmont Dr., Miami, FL 33157 (305) 238-5770.

Teacher Training Workshops in ACS's CHEMISTRY IN THE COMMUNITY (CHEMCOM), will be available summer 1995 in the following states: NJ, TX, FL, IL, OR, CA, NC, and OH. Applicants should be high school chemistry teachers who are familiar with CHEMCOM, and are scheduled to teach this course during the 1995-96 academic year. For more information and applications, contact Rebecca J. Mason Simmons, Education Division, Office of High School Chemistry, American Chemical Society, 1155 Sixteenth St. NW, Washington, DC 20036, Tel: (202) 872-6383. Application deadline is April 3, 1995.

ELENA IRIS MARRERO, one of our SAPD members, has made the news in *The Business of Herbs* newsletter. Elba is a special education teacher who works with learning disabled and emotionally challenged fifth- and sixth-graders in New York City. She has developed the "Herbal Curriculum" which integrates social studies, math, science, reading, and writing. All build around the study of herbs and aromatic plants. Students plant their own herbal garden, and sell their products. Quite a business entrepreneurship!. For more information information, contact Elba at P. S. 72, Manhattan, Special Education Unit, 131 East 104th St., New York, NY 10029.

Secretary's Report
SCIENCE ASSOCIATION FOR PERSONS WITH DISABILITIES
Annual Meeting
March 30, 1994
Anaheim, CA

Members Present: Laureen Summers, Don Daus, Ed Keller, Jr., Ben Van Wagner, John Stiles, Harry G. Lang, Greg P. Stefanich, Brett Moulding, Susan Blizard, Janet Davies.

Call to Order by Janet Davies at 1:05 p.m. Attendance sheets were circulated. Minutes of the 1993 Annual Meeting in Kansas City were read and approved.

Treasurer's Report showed:	
1993 balance of	\$ 1153.60
expenses of	317.84
leaving a balance of	834.76

The Treasurer's Report was accepted.

REPORTS:

I. President, Janet Davies

A. NSTA has invited officers of CAGS to their summer meeting. The 1994 meeting will be held in Colorado Springs, CO. It is hoped that Ben Van Wagner will attend. NSTA helps support at least one delegate (for around \$300.00) to attend.

B. In Mexico City, leaders learned of Mexico's educational system, attended NSTA board meetings concerning district restructuring. They questioned about dropping the affiliate groups, but vote passed to open the membership to include even more affiliate groups.

C. The Chapters and Associated Groups (CAGS) are organizing during this year's convention.

D. Next year's NSTA Convention will be held in Philadelphia, PA March 23-26, 1995.

E. Activities for 1993-1994:

(1) Janet has been assisting Ruth DeBuck as Secretary/Treasurer due to Ruth's illness.

(2) Janet attended the Denver Area NSTA Convention in October, 1993. Many of Janet's elementary science students from Colorado Christian University also attended. They reported a positive reaction to the convention and collected many materials.

F. Correspondence to SAPD:

(1) One parent of a high school student with speech/language disabilities wanted information about obtaining financial assistance for college for his daughter. It was suggested that the parent contact the junior college admissions office.

(2) Persons using dogs experience certain access barriers. There is a support group called "Paws with Claws."

II. President-elect - Ben Van Wagner

A. Attended the NSTA Area Meeting in Denver, CO

B. He has set up the NSTA Anaheim Luncheon. Attendance is urged. There will be three featured speakers. It was suggested to put a coupon in the newsletter for additional membership.

III. Secretary/Treasurer - Ruth DeBuck

Ruth was not in attendance. Janet Davies read both of these reports.

IV. Committee Reports

A. **Nominating Committee** - Greg Stefanich

There is one applicant for secretary/treasurer--Cornelia Munroe. It was decided that her name be sent to the total membership for vote. Janet to include this in the Fall 1994 newsletter.

B. **Membership Committee**

The secretary/treasurer usually heads this committee. Cornelia Munroe is currently producing the newsletters.

D. **Conventions Committee**

This committee needs to make arrangements for our annual meeting and our luncheon (with menu) for the NSTA convention in Philadelphia in March, 1995. Suggestions were made for Jim Gallagher and/or Judy Bazler to be appointed since they both live in the Philadelphia area.

E. **Publications Committee**

John Stiles discussed the status of the *Journal of Science for Persons with Disabilities (JSPD)*. He will look into the cost of multi-mail. There is a possibility of a semi-annual publication. It was moved, seconded, and passed that John Stiles be named as Editor of JSPD. It was also moved, seconded, and passed to take the costs of production and distribution of the journal from our treasury. It was estimated to be around \$400.00.

Ed Keller suggested requiring a hard copy and a paper copy and perhaps page changes. Lauren Summers volunteered to be on the editorial board. Janet Davies suggested that dues may need to be raised to help with the publication costs. It was decided to keep the dues the same and see what happens this year.

OLD BUSINESS:

Becoming an Affiliate of NSTA: Ed Keller shared with the members advice that Harold Miller (from New York) gave in the Special Education Advisory meeting about the benefits of becoming an affiliate rather than remaining an associated group. The most important benefit is it gives representation on the NSTA Board of Directors. It was moved (Ed K.) and seconded (Greg S.) and passed to become an affiliate.

Charles Coble, Chair of the Special Education Advisory Committee, suggested that Janet Davies discuss with Bill Aldridge (NSTA Exec. Dir.) steps to becoming affiliated. Greg suggested that NSTA is hesitant to add affiliates for financial and bureaucratic reasons. Janet stated that if SAPD does not push for affiliation, then we will have a much smaller voice in NSTA because the Chapters and Associated Groups (CAGS) are already in process of seeking affiliation and we are just one group under the CAGS.

NEW BUSINESS:

1. Constitution changes: It was moved (Greg), seconded (Brett), and passed that the constitution and bylaws be changed to reflect appropriate name of the organization, to be Science Association for Persons with Disabilities.

2. Greg stated that we need to follow the constitution more carefully, especially in the election of officers.

3. Laureen says that AAAS is producing the 3rd edition of the resource directory. They are looking for scientists/engineers with disabilities for inclusion. Also science teachers who are disabled. Send names to Laureen.

4. Items for fund raisers were discussed and samples of hats, mugs, t-shirts, pins shared by Janet from other CAGS groups. Need for a logo and logo letterhead. Don Daus volunteered to ask the instr. tech program at Utah State Univ. to help design a logo.

5. Pre-Conference Report: Greg met with Virginia Sterns & Laureen Summers of AAAS. They all thought an extension could include various models of instruction showcased reflecting certain disabilities. Discussion included representation of cognitively impaired students. Greg to consider this. It was moved and seconded that letters of appreciation be drafted and sent to Greg and Virginia concerning the pre-conference workshop. Don D. suggested that working papers/manuscripts be distributed to workshop participants prior to conference.

6. CAGS meeting: It was moved (Ed), and seconded (Brett), and passed that SAPD provide \$100.00 towards the financial support of a representative to attend the Summer CAGS/NSTA Board meeting in Colorado Springs. It is important to network and voice concerns of people with disabilities on the national level.

7. Science-abled Luncheon Speakers: It was moved (Ben), seconded (Ed), and passed that SAPD provide \$75.00 (\$25.00 for each of three speakers) reimbursement for travel expenses this year. Perhaps a policy may be needed for this in the future. Sometimes NSTA has helped with luncheon expenses.

The speakers this year felt they needed travel help. None were members of SAPD.

8. Secretary/Treasurer: It was decided to appoint Cornelia Munroe as sec./treas. pro-tem until the election (by mail) can be made.

9. Dues and Bibliography Expenses: We are currently at the limit for costs of production of bibliography at \$4.00. It was moved (Greg), seconded (Ed), and passed to increase bibliography to \$5.00. Dues to remain the same at \$10.00. Suggestion from Harry Lang to bind and sell the list to NSTA participants through the Science Store in order to generate more revenue, or break the bibliography into individual disciplines for sale. Discussion regarding appropriate distribution for bibliography through ERIC. Perhaps NSTA should take on responsibility of printing costs and selling. Harry L. to edit the list to two pages to be distributed at Philadelphia with a membership application on the back.

10. Report on Science Standards: The Focus Group for persons with disabilities has voiced concerns to the committee. The resulting version was disappointing. The Focus Group to meet again. It was moved (Ed), seconded (Greg), and passed that statement read by Janet be supported by SAPD and sent to NSTA BOD, and to the sub-committee of NAS

11. Updated resource/reference list from Ben Van Wagner passed out to those present.

12. Cornelia Munroe, who did not attend the meeting due to travel delays, presented plaques of appreciation to Greg Stefanich for being the founder and editor of the Journal of Science for Persons with Disabilities, and to Janet Davies for outstanding dedication to science for persons with disabilities.

Meeting adjourned at 3:40 p.m.

CONGRATULATIONS TO ED KELLER, JR. AND HELP WANTED!

Ed Keller, Jr. has received word that his grant submitted to NSF has been funded. Ed will have a booth in the Exhibits Area of the NSTA in Philadelphia for the purposes of distributing materials and information to teachers concerning the needs of students with disabilities in science. THIS IS A GREAT OPPORTUNITY FOR US IN SAPD. Ed was expecting help to "man" the booth from participants who attended the pre-conference workshop; however, we are not having a workshop this year. The appeal has gone out to our membership for help. The Exhibits Area will be open from Thursday 2-5 p.m.; Friday 8 a.m.-5 p.m.; Saturday 9 a.m.-5 p.m.; and Sunday 10 a.m.-1 p.m. If you can help during any of these times, please let Ed know at (w) 304-293-5201 or E-Mail.

CALL FOR MANUSCRIPTS
JOURNAL OF SCIENCE FOR PERSONS WITH DISABILITIES

MANUSCRIPT GUIDELINES

Unsolicited manuscripts are welcomed. You are encouraged to share views of the status of science for persons with disabilities, effective teaching practices, curricula and exemplary work samples that are student produced. Use APA style, double space with wide margins and submit two copies of the manuscript (if printed). Contributors may also send manuscripts on floppy disk. Please use either Microsoft Word (Macintosh) (preferred) or WordPerfect 5.1 (IBM).

The cover page should include:

Title
Author
Author's position
Author's address
Date

A running head (abbreviated title that appears on each page with page number)

A one paragraph abstract.

BOOK REVIEWS ARE ALSO WELCOMED.

CONTRIBUTORS WHOSE MANUSCRIPTS ARE CHOSEN FOR PUBLICATION WILL RECEIVE A COMPLIMENTARY COPY OF THE ISSUE IN WHICH IT APPEARS.

Send manuscripts and reviews to

John Stiles, Editor
Journal of Science for Persons with Disabilities
Department of Curriculum & Instruction
618 Schindler Education Center
The University of Northern Iowa
Cedar Falls, IA 50614-0606 USA
(319) 273-3285
john.stiles@uni.edu