

MINUTES OF THE EXECUTIVE COMMITTEE
THE VIRGINIA ACADEMY OF SCIENCE

March 14, 1998

Members Present: Rosemary Barra, Arthur Burke, Don Cottingham, Dean Decker, Beth Grohuke, Tom Haas, Harold Marshall, Judy Niehaus, Wayne M. Stalick, Bob Willis, Thomas Wood.

1. The meeting was called to order at 10:15 a.m.
2. The Minutes of the last meeting were approved with corrections.
3. Executive Officers' Reports

President Harold Marshall

President Marshall reviewed contacts between VAS and the Virginia Association of Science Teachers (VAST) and the Virginia Science Leaders Association (VSLA). He suggested we pursue a more formal relationship between the two organizations with non-voting memberships being shared.

Dean Decker made the following motion: That the Directors of the Virginia Junior Academy of Science or their designee be our representative to VAST and VSLA and that VAST and VSLA leaders be invited to the Executive Committee and Council meetings of VAS. The motion was seconded, discussed, and passed by unanimous voice vote.

A letter of sympathy has been sent to Ruby Davis

A \$2,000 scholarship from ODU will be presented annually at the VAS May meeting.

A sub-group of the Executive Committee met at George Mason University. The Negus speaker at the annual meeting will be David Wilt, head of Reproductive Physiology at the Zoological Park of the Smithsonian Institution. His topic is Sex and Wildlife--the Role of Reproductive Physiology in Conservation.

President-Elect Tom Haas

Our President-Elect is looking forward to a productive year. Art Burke suggested that chairs for committees be lined up early to facilitate the publication of the Directory.

Vice-President Rosemary Barra

The Program for the annual meeting is being assembled and room assignments finalized.

Secretary Judy Niehaus

A copy of the corrected minutes will be sent to President Marshall.

Treasurer Bob Willis

No report

Immediate past-President Dean Decker
No report

Directors of the Virginia Junior Academy of Science Don Cottingham and Dean Decker

At the last meeting a potential replacement for Don Cottingham as WAS Director was mentioned, but that person is no longer interested. The financial considerations for future support of the Academy were discussed.

Report from 1998 Local Arrangements Committee Wayne Stalick

All sections of the program have been completed except the Biomedical, Computer Science, and Geography sections. Thirty-nine rooms have been reserved for meetings. Tom Wood reported that a list of 200 companies and several universities have been invited to exhibit. Registration forms were sent March 4. Exhibits will be in the Johnson Center Bistro. He agreed to contact ATCC and government groups such as the National Park Service, NASA, Inland Fisheries, and the Wildlife Federation. The host institution may present an exhibit at no charge. Arrangements to rent draping and piping materials have been made. The central hotel will be the Holiday Inn Fair Oaks, located at Fair Oaks Shopping Mail. The telephone number is 352-2525, and the cost to VAS participants will be \$89 per room. Duplex townhouses are also available at University Park for \$41 per person per night for a double or \$59 for a single. Cost for the parking deck will \$6 per day, but those attending the senior academy meeting can park in lot K free of charge. It was suggested that in the future a petty cash fund of \$500 be made available to the Local Arrangements Chair. Complications may result from finding a proper fund in which to deposit the money.

Executive Secretary-Treasurer Report Art Burke

The report has been sent to the auditor. Last year the VAS in effect lost \$19,000. The Virginia Museum of Natural History is unable to pay its dues this year. The organization will continue to be listed for one more year. To facilitate financial planning of annual meetings, it was suggested that the Executive Secretary-Treasurer be included in early site visits.

Old Business

Jack Cranford has resigned as chair of the Visiting Scientist Program. Given the lack of interest from teachers, it was questioned whether the program was worthwhile. Communication through the Internet now facilitates contacts the program was designed to nurture. Dean Decker moved that the Visiting Scientist Program be disbanded. The motion was seconded and discussed. No vote was taken, but a general phasing out seemed to be the consensus. The motion was withdrawn and the matter will be reconsidered at the September retreat.

The meeting was adjourned.
Respectfully submitted,
Judy Niehaus, Secretary
Virginia Academy of Science

Minutes of Executive Committee
The Virginia Academy of Science
May 29, 1998

Members Present: Rosemary Barra, Arthur Burke, Don Cottingham, Dean Decker, Tom Haas, Marion Lobstein, Harold Marshall, Jim Martin, Lisa Martin, Ali Mohamed, Judy Niehaus, Wayne M. Stalick, and Robert A. Willis
Visitors: Scott H. Newton (VSU), Gerald Taylor.

1. The meeting was called to order at 8:30 a.m.
2. The Minutes of the last meeting were approved with no changes.
3. Executive Officers' Reports

President *Tom Haas*

President Haas opened the meeting by expressing his sincere appreciation for the previous officers.

Communication with him was addressed and he provided the following information:

E-mail: twhaas@vcu.edu

Office #: (804) 828-0266, his secretary is Anne Peterson

For urgent contact at home, the number is (804) 744-2446.

There are minor modifications in the Schedule of Responsibility 1998-1999. The modifications are as follows:

The date of Summer VJAS committee meeting is changed to July 18, 1998.

Fall Council meeting is changed to Oct 24, 1998 and will be conducted at VCU.

Spring Council meeting will be conducted at ODU and arrangements for the Annual Meeting will be discussed with their Local Arrangement Committee.

A letter will be prepared by the VAS president and will be sent to all presidents of universities and colleges in Virginia. The intent of this letter is to determine the interest of these presidents in inviting VAS to hold the annual meeting on their campus.

The president discussed the items listed in the Schedule of Responsibility 1998-1999. Art Burke agreed to handle more responsibility. The minutes will be produced and distributed through his office. Jim O' Brien will be responsible for the arrangement of the retreat. He will also chair the Long Range Planning Committee. No major change in the other committee assignments. Virginia Scientist Program future was discussed. Ray Carpenter proposed to go high tech such as using the "internet" to provide these lectures.

President-Elect, *John Hess*

He was not available to attend this meeting

Vice-President, *Rosemary Barra*

Asked to have the yellow form from different sections to be return to her.

Secretary, *Ali Mohamed*

Requested to have all meeting reports and discussed topics given to the secretary in writing by the responsible person and or/initiator. Judy Niehaus had concern on the location of the exhibit and more interaction with exhibitors was suggested.

Treasurer, *Marion Lobstein* (incoming)/*Bob Willis* (outgoing)

Bob suggested more involvement for the Treasurer. Marion is please to be elected and looking forward to her assignments.

Immediate past-President, *Harold Marshall*

He expressed his appreciated for the cooperation with Wayne (GMU). The lecture was excellent and well attended.

Directors of the Virginia Junior Academy of Science, *Don Cottingham* and *Dean Decker*

The award ceremony was well attended, about 1,222 students. In general, the program went very well and no major glitch occurred. The scholarship was presented by the President of the Board of Virginia Endowment. The speaker was excellent with his presentation. Don Cottingham received the D.S. Award for his role in the VJAS. There was minor problem with receiving receipts. Attention to such problem should be given for the next meeting.

Executive Secretary-Treasurer Report, *Art Burke*

He will mail minutes of meetings and call for meetings through his office.

Ad Hoc Committee Reports: No report.

Report from 1998 Local Arrangements Committee, *Wayne Stalick*

He presented the preliminary summary of the registration as of May 29 as follows:

VAS

Total registrants in the Database	201
Members Registered	164
Non-members	23
Picnic	16
Banquet	40
Dorm -Single	17
Dorm -Double	3
Dorm -Tuesday	3
Dorm -Wednesday	15
Dorm -Thursday	12
Townhouse - Single	5
Townhouse - Double	4
Townhouse - Tuesday	6
Townhouse - Wednesday	9
Townhouse - Thursday	5
On-site registration	100

VJAS	
Total Registration in the database	222
Option A Double	625
Option A single	69
Option B	104
Option C	47
Option D	68
Picnic	50
Nametag	223
Exhibitors	6
Exhibitor refreshment	1

The president of GMU invited VAS for 2001 annual meeting. (Check with Tom).

1999 LAC

Some arraignments were made regarding the rooms. Details will be discussed in Jan. meeting at ODU.

Old Business.
None

New Business.
More responsibilities were assigned to academy office and this will increase the load of work. Increase salary for Lisa Martin to meeting the increased work load and responsibilities. More discussion will be held on these issues at the retreat.

The meeting was adjourned.

Respectfully submitted,
Ali Mohamed, Secretary
Virginia Academy of Science

MINUTES OF THE COUNCIL
VIRGINIA ACADEMY OF SCIENCE
George Mason University, May 29,1998

Members Present:

Arthur Burke, Rae Carpenter, Arthur Conway, Don Cottingham, Dean Decker, Tom Haas, Golde Holtzman, Marion Lobstein, Harold Marshall, Jim Martin, Lisa Martin, Ali Mohamed, Scott H. Newton, Jim O'Brien, Todd Prickett, Joe Rudmin, Tom Sitz, Wayne Stalick, Gerald Taylor, Jr., Ertle Thompson, Jim Wightman, Bob Willis

The meeting was called to order at 9:30 a.m and all members were introduced. Report of LAC was presented by Wayne Stalick. The report included the following information:

VAS

Total registrants in the Database	201
Members Registered	164
Non-members	23
Picnic	16
Banquet	40
Dorm -Single	17
Dorm -Double	3
Dorm -Tuesday	3
Dorm -Wednesday	15
Dorm -Thursday	12
Townhouse - Single	5
Townhouse - Double	4
Townhouse - Tuesday	6
Townhouse - Wednesday	9
Townhouse - Thursday	5
On-site registration	100

B.VJAS

Total Registration in the database1	222
Option A Double	625
Option A single	69
Option B	104
Option C	47
Option D	68
Picnic	50
Name tag	223
Exhibitors	6
Exhibitor refreshment	1

A motion that the minutes of the Spring Council Meeting be approved was deferred to next meeting. Several methods to distribute the minutes were discussed.

Officers' Reports

President *Tom Haas*

He is looking forward to a very successful year. The Schedule of Responsibilities was distributed and discussed. Minor changes in the schedule were made including the fall meeting moved to VCU. Arrangement for parking and rooms will be made. Details are included in the Schedule of Responsibilities.

Committee assignments: the directory will be prepared earlier this year. Jim O'Brien is chairman of the Long Range Plan Committee and responsible for the arrangement of the retreat on Sept 18-20. The Fund Raising Committee chair position is open. Bob Willis will assist Jim O'Brien for editing the Virginia Scientists. Visiting Scientist Program Director is open and will be discussed during the leadership retreat. Chairs of different committees will be contacted to update the list of their members. A letter will be prepared by the VAS president and will be sent to all presidents of universities and colleges in Virginia. The intent of this letter is to determine the interest of these presidents in inviting VAS to hold the annual meeting on their campus.

President-Elect *John Hess*

He was not available to attend this meeting

Vice-President *Rosemary Barra*

No report.

Secretary *Ali Mohamed*

To keep correct record of the meetings, he requested committee chairs to submit their reports in written form or send through e-mail. Any other reports or discussion items also should be provided to the secretary in writing.

Treasurer *Marion Lobstein*.

She is looking forward to a successful year and guidance for the duties.

Reports by Directors and Academy Representative:

Virginia Junior Academy of Science. *Don Cottingham and Dean Decker*

Successful year for VJAS. The program got one more college scholarship. The funds for scholarship are approximately \$36,000 with the other awards \$50,000 for a total of funds of \$75,000. New Associate Director is proposed (Susan Booth). Don will keep the judging for a year before Susan takes full responsibility. The current co-Directors will offer their expertise in helping her with the program. The student president of VJAS (Tom Harman) contacted Richmond Time Dispatch for publicity. He also send a letter to school principals. A copy of the letter was requested for archive purpose.

AAAS Representative, *Ertle Thompson*.

AAAS had a great meeting and Virginia was well represented, Ertle Thompson was elected to the Committee on Council Affairs, which sets the agenda for the February meeting. A report will be provided after October meeting.

Science Museum of Virginia Trustee, *Rae Carpenter*

The Academy office will be moved to the new office after complete renovation of the Museum. The location of the office location was confirmed and accepted.

Jeffress & Gwathmy Memorial Trust Allocation Committee, *Elsa Falls*

No Report.

Visiting Scientist's Program

Will be discussed at the retreat.

Local Arrangements Chair, *Tom Wood* (Harold Marshall).

Preliminary arrangements at ODU regarding auditoriums and dining facilities are made.

Standing Committee reports:

Archives, *Golde Holtzmann*

New material. In December, 1997, the Academy was pleased to receive from the author, C.W. Roane, "Martha Ann Kotila Roane, 1921-1996," 17 pp. A letter of thanks was sent to Professor Roane.

The new liaison between the Archives Committee and Special Collections at the Virginia Tech Newman Library is:

Laura Smith, Manuscript Curator

VAS/VJAS Archives

Newman Library Special Collections

Virginia Tech, Blacksburg VA 24061-0434

The Archives Committee recommends are as follow:

- Ms. Smith be appointed VAS Archivist to replace Stephen Seitz.
- Ms. Smith be made an honorary member of the academy.
- Ms. Smith, as Academy archivist, be appointed, ex-officio, to the Archives Committee (replacing Stephen Seitz)
- An additional subscription to the Virginia Journal of Science, including back issues to Winter 1996, be sent to Ms. Smith at the above address, for storage in the archives. The subscription currently being sent to Newman Library is being stored in the general collection. There ought to be a separate set protected in the archives. The archives now has most issues (see below) from 1940 through Winter 1996.

State of the Archives. The Archives Committee chairman now has the most recent version of "Virginia Academy of Science Archives, A Guide," compiled by the Special Collections Division of University Libraries, VPI&SU. This report indicates that there is a backlog in processing of academy artifacts deposited in recent years. This is a normal backlog, however, for collections that are infrequently referenced. On the other hand, in light of current interest in the archives, the committee has been assured that the processing will be made current by January 1999. At that time, an updated "Guide" will be produced, and the inventory will be published on the internet. Such exposure may increase use of the collection.

History of the Academy. Charlotte Webb successfully defended her dissertation last year and completed all necessary revisions necessary. This is an important step toward publication. A publisher is now being sought actively. In addition, the committee will now renew the Academy request that Charlotte offer a manuscript of last years presentation to the Academy for publication in the Academy Journal.

Awards Committee, *Carolyn Conway* (Submitted by Art Conway)

Three newly elected Fellows were recognized at the Banquet on Thursday evening; Michael L. Bass, John Cairns, Jr., and Elsa Q. Falls.

FELLOWS

All members of Council are encouraged to submit nominations for Fellows to be named at the 1999 Annual Meeting. As will be published in the Call for Papers, the deadline for receipt of fellow nominations will be October 1, 1998. Nominations with appropriate biographical information should be submitted to Art Burke at the VAS Office.

Reminder: As discussed at the March 1998 Council Meeting, each nomination letter should be signed by the three (or more) Academy members making and/or supporting the nomination. Alternatively, each person supporting the nomination may submit an individual nomination letter. A current CV of the nominee should accompany the nomination letter.

Ivey F. Lewis Distinguished Service Award.

The recipient of the 1998 Ivey F. Lewis Distinguished Service Award (also presented at the Banquet) was The Virginia Environmental Endowment.

Committee on the Environment, *Michael Bass*
No report.

Constitution and Bylaws *Jerry Taylor and Mike Bass*

Some Changes are under investigation to reflect the changes in the Treasurer's responsibility. No new actions have been taken. New standing committee is proposed to be made of president, president-elect, and VJAS director.

Finance and Endowment *Arthur Burke*

The audit report for the first quarter is good. Request for proposal to will be send to various offices to submit their budget needs. This will be coordinated with Finance and Endowment Committee.

Fund Raising *Jim O'Brien*

Thanked Legacy 75 Donors. The two largest (\$5K and \$3K) and several other smaller have been paid in full. New donors have sent additional amounts beyond their original pledge. Recommended Elsa Falls as chairman for the committee. Regarding VJAS scholarship, Jim thanked Don Cottingham for VWC and ODU and for VAST sponsorship (\$5K) of multiply authored papers sessions. Also Jim reminded the council member of objective set 2 years ago to obtain a scholarship from every Virginia College and university.

Junior Academy of Science, *Don Cottingham and Dean Decker*

Susan Booth has been named the Associate Director with the intent that she will become the VJAS Director at the 1999 Annual Meeting.

Long-Range Planning *Jim O'Brien*

Three committee members (Art, Rae, and Jim) met and discussed several issues related to long rang planning. They requested recommendations from Don Cottingham regarding strengthen the future of VJAS.

Membership, *Joe Rudmin*

Thanks Jim Martin for the Web Page and making it accessible. Called some companies for membership. Publicity Director for the Academy is proposed.

Nominations and Elections Committee. *Tom Sitz*

Requested earlier nomination.

Publications, *Jim Martin*.

Proceeding issue will have 1998 abstract, as usual. A notice that papers are needed for the Journal for Sept issue.

Research committee, *Art Conway*

The VAS Research Committee received five applications for the Horsley Cancer Grant program. After review, one proposal was recommended for full funding and two proposals were recommended for partial funding.

One paper was submitted for consideration for the Horsley Award. The paper was not recommended for the award.

Fourteen proposals were received for the Small Project Research Funds program. Eight were funded. At least two more were worthy of funding if more funds had been available.

Science Advisory Committee

No report

Science Education - *Ertle Thompson*

No report

Trust, *Rae Carpenter*

In his report, Rae presented a list of current holdings in all Academy funds showing recent worth on 22 May 1998. The 22 May value, including all trust fund holdings, is \$664,140 up from \$591,259 on 31 December 1997 (an increase of 12.4%). It has been essentially double digit returns every year except 1994 when the Academy holdings fell 1.6 %. The general fund represents 50% of the holdings and research 25%. It was proposed that the Fellow funds should move from mutual to more active fund. A letter send from the chair to all fellows request response was also suggested. But Jim O'Brien suggested that a trust committee should handle the decision. Jerry Taylor and Art Burke supported the motion of asking the Fellows.

Virginia Flora Committee, *Marion Lobstein*

The committee is alive and well. The meeting was well attended. A Web Page was established.

Section Representative Reports

Aeronautical and Aerospace Science

No report

Agriculture, Forestry, and Aquaculture, *Scott H. Newton*

Twenty three papers were submitted, two did not show and there were 2 posters. The section is growing, however, more participation from Virginia Tech is encourage. The secretary did not received the required form and Rosemary will mail them.

Archeology

No report

Astronomy, Mathematics, and Physics

12 presentations. An hour for invited speaker. The representative was impressed by the winner and in general the session was well attended.

Biology

16 papers were submitted. 3 did not show and 7 posters.

Biomedical and General Engineering

No report

Botany

10 presentations and the session was well attended, there was a field trip. Two excellent papers by VJAS. Increasing the number of awards was recommended. More interaction between senior and junior presentations was also recommended.

Chemistry

It was an excellent meeting which 21 papers were presented. A letter was send to all department heads of colleges and universities to solicit and encourage membership. It was recommended that the requirement of student membership for presentation be dropped. Also it is recommended to send an early message to the winner then he or she will be ready for their presentation. Timing for the winner presentation may be changed to accommodate the students participation. It was agreed on further discussion at the retreat.

Computer Science

The meeting had 5 presentations.

Education

No report

Environmental Science

No report

Geography

No report

Geology
No report

Materials Science
No report

Medical Science
No report

Microbiology and Molecular Biology
Four papers presented and turn out was good, but less than expected. Junior academy presentation was excellent.

Natural History and Biodiversity
No report

Psychology
As many posters as papers. The session is well attended

Statistics
Nine papers were presented. In the section meeting, a letter to be send to all department heads to encourage involvement in the section activity was proposed. Several young attendees were present for the first time. The Junior presentation was excellent and she was a second time presenter.

Old Business
Encourage section representatives to attend the council meetings.

New Business
Timing for business meeting and students presentation was discussed. The discussion will be continue at the retreat.
Change the life time membership to \$500.00
Appointment for trustee was discussed.

The meeting was adjourned.

Respectfully submitted,
Ali Mohamed, Secretary
Virginia Academy of Science

**Virginia Academy of Science
Executive Committee Retreat at CHANCO
September 18 through September 20, 1998**

Members Present (at various time):

Rosemary Barra, Michael Bass, Susan Booth, Arthur Burke, Rae Carpenter, Arthur Conway, Carolyn Conway, Don Cottingham, Dean Decker, Tom Haas, John Hess, Marion Lobstein, Harold Marshall, Jim Martin, Lisa Martin, Ali Mohamed, Jim O'Brien, Jeffrey Pickens, Gerald Taylor, Jr., Erle Thompson.

Invited Guests (Sat 19th only):

Anne Moore, President-elect, VAST

David Hagan, Science Museum of Virginia

Tom Harmon, VJAS, president.

The meeting was called to order at 8:30 p.m, Friday Sept. 18, 1998.

Brief introduction was made by the president Tom Haas.

A review and summary of the First retreat (2 yrs ago) was presented by Jim O'Brien.

A roundtable discussion to start the work on 2nd was then initiated.

The members were divided into four groups. Each group wrote down in two column format the good and bad news about the Academy and solutions were proposed for improvement. A brain storming discussion was carried out and the outcome was compared to the first retreat. (Jim O'Brien has the written sheets for these discussions).

Improvements: the following issues were discussed:

Use of electronic media by sections, VJAS scholarships, professional development, VJAS director position, diminishing membership, science advisory committee, journal index, web site, parental support for programs, problems with increased participation nationally, re-juvenation of newsletter, broader scope of issues related to the state, increase VAS memberships dues, additional scholarships

What Academy Would Be like in Ten Years?

Summary of a Crosstalk Session

Central office improvement by electronic communications was suggested. Scholarships & others accomplishments of the Academy were highlighted. Another retreat within 2 years to determine the

progress and accomplishments of the new initiatives was proposed. VAS web site and its use to promote the Academy was discussed (what Jim Martin has done). Efforts of Jim Martin were recognized. The relation with VA Sci. museum is good. The participants agreed on involving a dialog with VAST, VSLT to enhance Academy effectiveness and efforts. Investment funds holding up 45% over last 2 years (DOW has been up 65%) and recent events has no significant impact on the academy financial status. VJAS is moving towards paid directorship and Susan Booth is named for the position. The participants agreed that increased membership is essential for the Academy survival. The dissertation on VAS history and the publication of a condensed version in the Journal were discussed. Issues raised at VJAS summer meeting were discussed and suggestions were proposed to prevent problems in future meetings. Development of interactive web site to be used for Technical meeting was suggested.

Advertising for the Academy was also proposed and free advertising on the Internet was recommended. Because of fluctuation of efforts for publicity during the annual meeting, strong push for publicity and public relations for ODU's meeting was discussed. Press room, mailing out press releases to hometown papers about VAS and VJAS are some examples of publicity methods that could be used effectively to enhance the public awareness about the Academy. The need for professional support to carry out publicity was raised and the availability of supporting funds was addressed (Rae Carpenter: "We do not have funds to do that"). Jim O'Brien expressed his need for authority to contact Microsoft or other source to provide some endowment funds. Rae Carpenter will ask for authorization at next council meeting on behalf of Jim O'Brien. Problems with changing the structure of the Academy were raised. New money could be raised from state through a grant (David Hagan is an excellent writer from the museum). David Hagan offers his help in writing grants and assist members in perusing external funding. Members should peruse grants which would involve student presentation.

The meeting was called to order at 9:30 a.m, Saturday Sept. 19, 1998.

Brain storming discussions were held to answer the following question:

Ten years in future and as a president of VAS, what has made your job responsibility easier?

What changes do you take for granted? what work has VAS done over 10 years?

Each member wrote a list, followed by group discussion of their answers.

Tom Haas's presentation: Academy: Past, Present, and Future

The president of VAS provided a presentation that outlined the past, and future of VAS from his respective. The presentation was followed by Crosstalk discussion among participants.

Meeting was adjourned at 11:45 AM.

Concurrent Session A (1:40 PM)

Introduction by Tom Hass

Ertle Thompson served as facilitator/coordinator

Guests: Anne Moore VAST, president-elect

David Hagan, Science Museum

Tom Harmon, VJAS, president

Many events happening – education standards, teacher preparation, funding guidelines,.....etc opportunity to explore cooperative efforts among VAS, VAST, Science Museum and other museum and school systems in the state were discussed.

Summary Statement

Science fair activities (sci. fair international) are encouraged. Presentation by students based on their research project is recommended and Westinghouse award was an example. Many AJAS winners were also Westinghouse winners, cc's in VA are heading up efforts for science fair international. Potential tie in's with the academy and strengthening these ties are recommended. Establishing reliable database is a problem and suggestions are proposed (e.g. use zipcodes to sort out, pull out winners of VJAS and sci. fair and match, individual effort such as Tom Harmon building a

database for VJAS winners which are working in industry, revive teacher database which was available until '92, and contacting state dept for information).

Summary of Points Written by the Participants.

- Resources Currently available
- Tom Harmon's survey of VJAS winners survey in industry
- VAST membership list (zipcode and teaching list)
- Building a Presence for Science – list of contacts in every school (K-12) in state (state and Exxon support)
- VAST Regional Delegates List (roughly 8)
- Local VAST Affiliates
- VJAS judges for Annual Meeting
- VA Space Grant Consortium (5 univ., state educa, NASA, State Chamber of Commerce) (many grants)
- VA Association for Manufacturers
- Professional Societies –local, state, etc (Am. Chem Soc., Engineering Soc.'s)
- Industrial Manufacturer Associations
- VAS/VJAS
- Local and State Chambers of Commerce, Rotary, etc.
- Network of Science Museums, Colleges and Universities, Community Colleges
- VASCD – VA Assoc. of Supervision of Curriculum Development
- VA Sea Grant
- Science Fairs – State and International
- Science Talent Search (Westinghouse) and Duracell Talent Research
- VSELA
- Math Teachers Assoc.
- Med. Societies of Virginia
- VABE & NABT/VABT (similar organizations in other disciplines)
- independent/private school
- Home Schooling Organizations
- 4-H
- PTRA (Physics Teachers Resource Agents)
- Forestry Service
- Game and Inland Fisheries
- Where do we go with this information:
 - adapt Visiting Scientist Program to include teacher/student expertise questions, mentorship, and lecturers
 - make VAS information available to students and teachers on the Internet
 - pursue VAST cooperation to publicize VAS opportunities such as Visiting Scientist Program
 - workshops for research paper techniques
 - build on Danville Workshop to initiate student competition in local area (nearby NC may included) with designated number of winners guaranteed for acceptance for VJAS

- developing a database between industry and students for summer internship, shadowing, and mentoring program (could be project for VJAS students or job fairs at major centers/facilities)
- fun student activities (student-directed and student-led): many students turned on by museums.
- active involvement of the academy in solving problem of teacher certification and decreased standards

Concurrent Session B (1:40 PM)

Participants:

Michael Bass, Arthur Burke, Arthur Conway, Carolyn Conway, Harold Marshall, John Hess, Jim Martin, Ali Mohamed, Jim O'Brien, Jeffrey Pickens, Gerald Taylor, Jr.

Introduction by Art Burke.

John Hess outlined the objectives of the session as follow:

Membership and participation

How to improve the VAS

Address concerns about senior academy.

CONCERN 1. Lack of Section Representation in Officer meetings. How to Increase Participation?

Participants involved in discussions to address this issues. Details are provided in the complete script.

CONCERN 2. Motivation to Participate in Different Activities of the Academy by Senior Members.

Participants involved in discussions to address this issues. Details are provided in the complete script.

CONCERN 3. Absence of active section Presentation (Annual Meetings) and the role of the executive committee to handle this issue.

Participants involved in discussions to address this issues. Details are provided in the complete script

Summary Points Prepared by Hess:

1. *Effective participation*

TARGET

Colleges/Universities

Industry

VA museum

VAST

Recognition

2. *Communications:*

Time line, Frequency, the use of Media and Modern Technology

3. *Impact:*

VJAS encourages undergraduate and graduates activity. Possibility of setting up VJAS club or chapter at campuses.

Discovery, mentoring, and role of sections and VAS in assisting students to achieve their research and education training.

4. strategies:

symposium on Pfiesteria for the 1999 Annual Meeting
 VAS sections to work together on sharing information and ideas
 encourage distance learning – revolution that is imminent and for near future for teachers and students

Joint Session:

Summaries of the concurrent sessions were presented and discussed.

Retreat Final Group meeting, 9:30, Sunday Sept. 20, 1998

Several resolutions were presented and discussed. The resolutions were then moved to the executive committee for approval. The resolutions and their modifications are listed below.

Executive Committee Meeting

Sunday, September 20th 1998

meeting called to order by the president

Three items were presented for consideration

1. Minutes
2. Membership
3. Momentum

1. Minutes:

Tom Haas extended appreciation to the past presidents for their participation and involvement in the discussion in CHANCO II.

Approval of the minutes:

Minutes for March 14 executive committee meeting were approved

Minutes for March 14 Council meeting approved after minor corrections

Minutes for May 29 for both executive committee meeting and council meeting were approved after minor corrections suggested by Dean Decker.

2. Membership

Lisa Martin:presented names of members who did not send their dues. She requested help form the members to contact individuals at their institutions.

Ali Mohamed:Names of these individuals may be submitted to membership committee to follow up.

3. Momentum

Long Range Plan (LRP) recommended motions *as amended by Executive Committee* at their Sept 20,1998 meeting (accompanied by LRP's *SUGGESTION ADDENDA*).

The Long Range Planning Committee recommends that the Executive Committee make the following motions to Council at its Fall, 1998 meeting:

[no change]I. That the Visiting Scientists Program be adapted and that such adaptation

include:

1. Development of a database model identifying scientists in colleges and industries to answer questions on scientific-technological topics;
2. Mentoring, eventually, for individual students;
3. Lectures/presentations for school audiences; and

4. Web site incorporation with hard-copy back-up as necessary.

[no change]II. That the Academy encourage the Science Museum of Virginia/VAS team to continue their workshops on research paper techniques and advertize workshop availability to wider audiences throughout the Commonwealth by means of a variety of organizations with allied concerns, especially the Virginia Association of Science Teachers.

[no change]III That, based on the Danville workshop experience, the Junior Academy provide an alternative to the usual VJAS papers selection process through a local competition; and that this approach be communicated for the purpose of implementation to the Directors of the Junior Academy.

[amended]IV. That, in order to facilitate the establishment of summer internship opportunities, the Academy develop a database of past VJAS winners currently working in industry and of VJAS winners from the last two years.

[amended]V. That Council recommend that the Research Committee develop plans for soliciting proposals for high quality research.

[amended]VI. That; relative to the Academy's image, public relations, and finances; the Academy develop the capability to solicit and re-solicit Exhibitors for the Annual Meetings. This responsibility is no longer that of the Local Arrangement Committee.

Recommended Motion VI SUGGESTIONS ADDENDUM

This should not only increase the effectiveness of and participation in the Exhibits but also serve as a means to enhance the visibility and capabilities of the Academy among industries, publishers, and colleges (at least on an annual basis). Industries and colleges proximate to the upcoming two Annual Meetings should be specifically identified and solicited. The identification and solicitation tasks should be initiated no later than August-September of each year.

[no change]VII. That the Academy vigorously support the Environmental Science Section's planned Pfeisteria Symposium at the ODU Meeting.

Recommended Motion VII SUGGESTIONS ADDENDUM

- creative scheduling to prevent conflicts with section papers (as in the treatment of "The History" at the 75" Anniversary Meeting).
- relative to any Symposium needs for additional time and/or funding of invited speakers, our Negus schedule and funds (in addition to the President's Discretionary Fund) may embrace one or more symposium presenters.
- the Call- For-Papers could note the symposium topic and encourage (and, thereby, publicize to members in advance) topic-relevant section submissions.

- the Central Office could identify (initiating in January 1999) likely stakeholders in Virginia, North Carolina, and Maryland (including state agencies, state academies, farming and fisheries organizations, etc.) and advertize to same (substantial completion by March 3 1, 1999).
- press conference (with prior timely invitations to media) with selected presenters should be organized in conjunction with ODU Public Information Office.

[END OF RECOMMENDED MOTIONS]

LRP SUGGESTION ADDENDUM to President:

That, in order to increase Council attendance and Section participation, the President (at least at the Fall Council meeting) place Section reports closer to the beginning of the Council meeting agenda;

And further, since reports, especially of new Section Representatives, may be minimal, that the President should announee a topic of Academy-wide significance for which all Section Representative reports (e.g., "Membership Enhancement," "Issues of Young Faculty or 'New Disciplinary' in Your Discipline," "Examples of How New Disciplinary Developments Could Affect Virginia," etc.);

And further, that such a topic and request for section input be included in the President's announcement of The Council meeting.

The meeting was adjourned at Noon.

Respectfully submitted,
Ali Mohamed, Secretary
Virginia Academy of Science