

VIRGINIA ACADEMY OF SCIENCE

COUNCIL MEETING

SUMMARY MINUTES PREPARED BY VAS SECRETARY

May 26, 1989 Virginia Commonwealth University

The meeting was called to order by President M. Bass.

Members present were M. Bass (President), R. G. Bass (Past-President), R. B. Brandt (President-Elect), R. D. Decker (VJAS Director), E. Thompson (AAAS Representative), A. Conway (Biology Section Representative), W. L. Banks (Past-President), B. Bruner (Executive-Secretary/Treasurer), C. Blair (Environmental Sciences Section representative), T. Sitz (Research Committee), S. Ware (Past-President), J. Martin (Editor, VJS), T. Haas (LAC), F. Leftwich (Constitution & By-Laws Committee), G. R. Taylor, Jr. (Secretary)

President M. Bass presented his report.

1. We need to increase membership in the Academy. Everyone on the Council is an ex-officio member of the membership committee. Need to contact Dean and President of your universities about the Academy.

2. We need industrial participation in the Academy at every level. The Business Relations Committee (*ad hoc*) has this duty. President Bass said that he will activate this committee.

3. Site Selection Committee must to aim for 4 or 5 years in advance. Every year before the annual meeting, the scheduled universities will be reminded that we are coming.

A discussion followed. The site selection committee (as per Art Burke's proposal) is President, President-Elect, the two most recent past presidents and the Director of VJAS. The president is the chair. S. Ware stated that the council should remind the president each year to maintain a four-year schedule of future hosting institutions.

D. Decker presented VJAS Report. The Francis and Sidney Lewis Scholarship has been awarded five times (all to women). Those recipients, who are in college, are doing well. The VJAS meeting has gone well. A motion was made by G. Bass, seconded by Banks; "All winners, the prize name and their schools be published in the Va. J. Sci. in the proceedings issue and this information be immediately provided to the Publication Committee. A discussion followed. Motion passed unanimously.

D. Decker reported that Bethel representatives showed up to present the Bethel Scholarship award; however, it had previously been announced that it would not be given. Some concern was shown, but they understand that in future the award will be given. No action required.

Tom Haas (Local arrangements) presented a preliminary report. Attendance at VJAS is about 1000 100 and VAS, 500 100. Meeting has gone well. Don Mikulecky did an outstanding job arranging exhibitors. D. Decker said he heard good comments about posters being interdispersed with the exhibitors. D. Brandt commented that since Haas has done such a marvelous job, would he help with next year's meeting? Haas agreed. M. Bass thought posters were a positive thing. Discussion occurred. The total number of papers were down this year. About 272

papers and 45 posters for 317 presentations. Biology had only one session and Agriculture did not meet. M. Brandt said fewer papers from VPI due to laboratory moves requiring aid of their graduate students. Tom Haas and his committee was congratulated by M. Bass and Council members.

Constitution and Bylaws Report - No report.

Research Report - Tom Sitz reported that a formal report will be sent. The small project grants budget increased to \$6000. The Horsley Award was given for \$500. The maximum small project grant is \$1000. Fourteen applications from nine institutions for seven grants ranging from \$650 to \$900 were awarded. Motion was made by S. Ware, seconded by W. Banks, that research awards, small project grants, project title, participants and the universities involved be printed in the VAS Journal. This is to include the Cancer Awards. The motion was approved unanimously. Discussion continued. Motion made by Banks (seconded by Brandt) that awards from sections with names, title and affiliation be published in the VAS journal. Approved unanimously.

President Bass asked that Harold Bell be reconfirmed as Visiting Scientist Program Director. Motion made by Thompson, seconded by Decker. Unanimously approved. Also, Blanton Bruner was reconfirmed as Executive Secretary/Treasurer of the VAS. Motion made by Decker, seconded by Thompson. Unanimously approved.

W. L. Banks moved, seconded by S. Ware, that E. Thompson be reconfirmed as the AAAS representative. Passed unanimously.

Art Conway will present a report at the November meeting about student members who are not presenting papers but wish to attend the annual meeting, not having to pay a registration fee. Conway will send this to President Bass and it will be on the agenda of the November meeting.

M. Bass reported that the composition of Trust Committee is not firm; however, it can function.

D. Decker received a call from the principal at Bethel High School about the Bethel scholarship. They want the awards made. The Eastman bond investment proposal that was presented in the report Wednesday should be implemented. After much discussion, Motion by Banks, seconded by Brandt, that Council direct the Trust Committee to complete acquisition of the bond for the Bethel Scholarship at the earliest opportunity and not later than June 30, 1989, and so notify the Bethel people. Discussion followed. Motion passed unanimously.

No other committee reports were presented.

New Business

Motion by Banks, seconded by Decker, that J. Martin be reappointed as editor of Virginia Journal of Science (3 years). The motion passed unanimously.

Blair said that to increase our membership we should get new members from various state government organization such as Marine Resource Commission, which is needed for the Environmental Section. Others suggested State Water Control, Fish and Game, etc. We must get the directors of these agencies involved--Corporate memberships perhaps. Decker said that we could start by sending membership brochures to each of those departments. Blair said that he will volunteer to handle Marine Resources, and do we have contacts with the others?

Bass said he knew someone at the State Water Control. Blair offered to draft a letter for Bass that would apply to all agencies. General approval by Council.

Banks asked if we were to have a new section on Computer Sciences. Blair said that ODU had shown interest. Decker thought VCU might also be interested. Bass asked what is the mechanism for setting up a new section? Thompson: They must plan and conduct one annual section meeting and an annual meeting; then it is up to Council to approve the addition of a new section. Many undergraduate programs of computer sciences are closely associated with math departments (Bass-Ware). M. Bass said he would look into this.

Decker pointed out that Agriculture section didn't meet this year. After two years they will be phased out. Bass said members wanted the section, it was listed for presentations, but some problems occurred around the VJAS award paper presentation time. Ware pointed out that the president-elect should get the list of all the officers of the sections and find out their future plans.

Meeting adjourned.

Minutes recorded by R. Brant and respectfully submitted by:
Gerald R. Taylor, Secretary
Virginia Academy of Sciences

VIRGINIA ACADEMY OF SCIENCE

EXECUTIVE COMMITTEE MEETING

SUMMARY MINUTES PREPARED BY VAS SECRETARY

November 12, 1989 University of Virginia

The meeting was called to order by President M. Bass.

Members present were M. Bass (President), R. Brandt (President-Elect), D. Decker (VJAS Director), E. Thompson (AAAS representative), B. Bruner (Executive-Secretary/Treasurer), S. Ware (Past-President), J. Martin (Editor, VJS), A. Burke (Finance Committee Chair), E. Falls (Treasurer), and G. Taylor (Secretary).

Motion by D. Decker, seconded by S. Ware that the minutes of the Executive Committee be approved and that an edited summary be submitted to the Journal. Motion passed.

President M. Bass presented his report.

1.I expect the directory will be completed next week.

2.D. Decker has appointed a subcommittee to study regionalization of the Junior Academy.

3.The Annual Meeting at Virginia Commonwealth University was successful. One of the best meetings we have had is what I hear from most people.

4. The computer science people seem to be very much in favor of forming a section in the Virginia Academy. This would give them another outlet to give papers and present student's projects.

5.The status of the Agricultural Science Section future is still uncertain. Since they didn't meet last year, they did not elect new officers. Discussion followed. M. Bass, I think the Agricultural Science Section is an important science right now especially when you talk about world hunger and population. There should be a place for this type of research to be reported in the Virginia Academy.

6.Vera Remsburg said she thought the representative to the Science Museum ought to be an official member of the Council. B. Bruner states, if I remember correctly, the Law reads one trustee should be a member of the Academy of Science. M. Bass asked if we can recommend that our representative to the Science Museum, as listed in the Directory, also be an official representative on Council? D. Decker comments, That may require a by-law change, because I think the bylaws spell out who are the Council members. M. Bass states he will check with F. Leftwich, Chair of Constitution and By-Laws Committee. The Executive Committee approves of this move with no reservation.

7.Roy Taylor will present Fund Raising Committee report at Council. D. Decker states that Fund Raising Committee has decided to employ the services of Mary Ellen Stumpf.

President-Elect's Report by Dick Brandt.

Bass, Decker, Ware and I met at George Mason on November 7 with George Umberger, Assistant Dean for Administration and Outreach, and Chair of Local Arrangements for the VAS meeting May 9, 1990. He is in close contact with Tom Haas. D. Decker spent most of the meeting going over the Junior Academy. I was

very impressed with how organized they are at George Mason. M. Bass stated he had a meeting in June with Clara Lovett, Provost at GMU.

M. Bass stated that G. Umberger seemed to be aggressive as far as his exhibitors. He wanted to know why we would not invite more people other than what we have had in the past, and we said there is no reason why we shouldn't, as long as there is room for them.

M. Bass comments about future meeting sites. D. Decker states, I'm not sure that we move in a particular pattern around the state but I think we were in 84-Richmond, 85-W&M, 86-JMU, 87-ODU, 88-UVA, and 89-VCU. M. Bass noted that VCU said they would like to have us back in 94 or 95? D. Brandt suggest in 92, the University of Richmond and JMU in 93. Discussion followed.

Past President's Report by Stewart Ware.

Since I am on the nominations committee, do you have any suggestions? You will know, with your involvement with Council, who might be particular good at serving as officer. Who would you suggest and for what position would you suggest them? That is all I have. Discussion about the Schedule of Responsibilities followed.

Executive Secretary-Treasurer Report by Blanton Bruner.

I'm sure you will be glad to hear that the invoices for 1990 are due in May. We use the expenses of the meeting to cover program costs, mailing, banquet cost, and many other incidental expenses of the meeting in the area of \$5000. This year, we received a settlement from Tom Hayes, in which the Senior Academy will receive about \$3800 and the Junior Academy will do considerably better. We have usually presented to the local arrangements people the fact that we would like to know up front all expected expenditures; that we are not very happy with surprises. In the settlement of this past meeting there are two items I think we should discuss: 1) the wine cooler (tasting) which cost us about \$1700 (and there were no provisions in the income of the meeting to pay for this, so it comes out of the total income of registrations) and 2) the fact that for the banquet we sold 64 tickets at \$20 each for \$1280 and we paid for 98 tickets, so we have almost 50% free banquet tickets (\$700-\$800). I think we have to consider these things before we find them in the financial statement. Discussion followed.

A. Burke, reporting from the Finance Committee, states that Council or Executive Committee needs to establish some guidelines on local arrangements for all time and not have any surprises. It wasn't too many years ago that the banquet speaker and the president and provost, or vice president, of the particular host institution and their wives were invited and there were no more than a half a dozen free tickets given out. Exhibitors get two tickets; that's good if we expect to get more exhibits by giving away two tickets to the exhibitors. I think Executive Committee, Council, or Long Range Planning Committee should give consideration to what the Academy ought should do with respect to these incurred expenses. Discussion followed.

A. Burke states that a decision should be made that there should be no more than 10%, 12% or 20% free banquet tickets.

M. Bass states he thinks we can solve this by setting up a recommended upper percentile, not to exceed 20%. The Executive Committee that meets with Local

Arrangements Committee should keep this percentage as their upper limit and have Local Arrangements work out details.

M. Bass notes that the wine tasting is new and has been a drawing card, getting larger at each meeting. The wine tasting was positive because it was held next to the exhibits and next to the poster section. D. Brandt recalls that the letter that went to the exhibitors told them that there was going to be wine tasting and it was kind of advertising for them. The cost was partially offset by the increased number of exhibitors that we had at \$200.00 each. Discussion followed.

Virginia Junior Academy Report by Director Dean Decker.

There is not going to be a conference fee this year, because George Mason officially invited us and the meeting is being run internally, not through their conference center. Last Friday and Saturday, I went to the State Science Teachers meeting with the Junior Academy booth and put Proceedings and Handbooks in the hands of the people who are not actively involved with the Junior Academy. This is a good use of our resources, because it puts us out there in front of the people who are not participating and maybe we can do something about that.

This summer I appointed two sub-committees. One to deal with looking at the future of the Junior Academy. We met and reaffirmed the number one objective of the Virginia Junior Academy, as spelled out in handbook, is to encourage the secondary school students to become involved in science. The committee came to the conclusion that regionalization is the most logical way to go (as far as solving the problems of size and meeting space); we approved that. Discussion followed.

A. Burke states that as the Academy has an operating surplus, there is no better way of spending it, a few \$1000, than in a rational way subsidizing this effort of regionalization. D. Decker continues to report that we ought to have a general plan worked out that, assuming Junior Academy approval, will come before Council for approval at March meeting. Discussion followed.

M. Bass. Thank you very much for your report, Dean.

Jim Martin's Report on Journal. After I turned in the budget, I found out that prices went up in January. I'm experiencing an interesting problem of getting more papers promised than received. We are rejecting about 50% of papers received. I would like to see papers other than biological papers submitted. I do have one math paper, and I have one ground water paper that still needs to be edited by the author, but everything else seems to be biologically oriented. Discussion followed. J. Martin reports that O'Brian wrote a letter suggesting a series of maybe three articles on the Junior Academy of Science, the past, the present and the future. It would primarily keep the membership well informed, particularly to help support fund raising. Additional discussion followed. J. Martin continues to report. About 30% of the people who fill out abstract forms for papers, do not read the directions. I am going to totally reject those this next time. If they do not adhere to the format, they are going right back and they are probably going to miss the deadline. Discussion followed. S. Ware asked, if I sent you a paper on the 1st of November, how long would it take to get it reviewed? (J. Martin) If it is accepted, and most have to be partially revised, it has been running between 60 and 75 days.

D. Decker states that he was pleased to see list of Junior Academy Winners in the Journal. A. Burke asked if the winners get a copy of that issue? How much

would it cost if the student or the sponsor of that club got a copy? Discussion followed. M. Bass suggest we send that copy of Journal to all the schools who are members (about 100). A. Burke notes that the really key person in any school system is the science coordinator. So can we send that issue of the Journal to the science coordinator?

M. Bass How many journals are we using here, we have 500 and we have sent out 100 already; we want to sent out 90 more? That is fine with me. J. Martin states, Lets do that. M. Bass reiterates, I think that the executive committee suggests that this be carried out. Do we need a motion to that effect? I don't think so.

Meeting adjourned.

Respectfully submitted by:
Gerald R. Taylor, Jr., Secretary
Virginia Academy of Science

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Members present were Michael Bass (President), Richard Brandt (President-Elect), Dean Decker (VJAS Director), Ertle Thompson (AAAS representative), Blanton Bruner (Executive-Secretary/Treasurer), Carvel Blair (Environmental Sciences Section Representative), Stewart Ware (Past-President), James Martin (Editor, VJS), Arthur Burke (Finance Committee Chair), Jim Murray (Past-past-past President), Roy Taylor (Fund Raising Chair), Keneth Lawless (Long Range Planning Committee Chair), Elsa Falls (Treasurer), Dale Ulrich (Trust Committee), and Gerald Taylor (Secretary).

A. Burke moved, seconded by J. Martin, that the minutes of the May 25, 1989, meeting be approved as retyped. Motion passed.

President's Report by M. Bass.

1. The Directory is not finished; committee Chairs are in place.

2. Regionalization of the Virginia Junior Academy was discussed in Executive Committee. At their July meeting this summer, I asked Dean Decker to appoint a sub-committee of the VJAS committee to study regionalization. They have been working.

3. There was a request for setting up a Computer Science Section of the Virginia Academy. I have contacted the American Computer Machinery Group, Association of Computer Machinery, and the Capital Region Representative. Hopefully, at the annual meeting at George Mason, we will have an organized Computer Science Section presenting papers.

4. The Agricultural Section did not present papers this past session, even though papers were submitted and titled. I am still in contact with these people to make sure that they want to dissolve their section. I think the Agricultural Section is still a good section to have in the Academy.

5. At the Executive Committee meeting, we discussed the fact that we should summarize some of the discussion that was recorded in the minutes at the last couple of Council Meetings because of the problems we had in establishing a meeting place. If there is no objection, the minutes as listed will be in the Archives, but an edited version, summary, will go in the Journal.

President-Elect Report by R. Brandt.

M. Bass, D. Decker and I met with the Local Arrangements Chair, George Umberger, his executive secretary, and a university representative, who is one of the planners of meetings taking place at George Mason. Dean presented in detail the previous meeting. We are meeting with them again in January.

No Treasurer's Report or Secretary's Report.

Past President's Report presented by S. Ware.

The call for suggestions to the nominating committee for nominees for officers for next year has been completed.

Executive Secretary Report by B. Bruner.

Tom Haas has reported the results of the VCU meeting. The meeting was planned and well done. The financial report is in great detail. The Senior Academy was low on budget, that is printing cost and so forth, but the Junior Academy did very well.

Executive Committee Report presented by M. Bass.

The Executive Committee discussed the budget on the banquet tickets. There were a few more guest at the banquet than we thought there were going to be. Another item discussed was the expense of the wine tasting.

Junior Academy Report by Director D. Decker.

We had a summer meeting at Grave's Mountain Lodge. Two sub-committees were appointed, one to look at qualifying some of the regulations on writing papers, the other committee is on the organization of the future of the Junior Academy. Two things have been approved so far, the reaffirm the objective of the Junior Academy which is to encourage science among the secondary school students, and the second was to essentially approve the idea of regionalization. Our plan is to have a workable solution to regionalization by the time the Junior Academy meets in January, get that approved by the Junior Academy Committee and bring it to Council in March.

I attended the State Science Teachers meeting in November at Tysons Corner. I had the Virginia Academy display set up. The American Junior Academy meeting is in New Orleans in February, a week before Mardi Gras. We selected four people to go to that meeting. This last issue of the Journal published a list of winners from Annual Meeting. I thank Jim Martin for doing that.

Editor of the Journal Report by J. Martin .

Printing cost are going up, so the cost of the Journal is going up a little, nothing significant. At present, it cost us about \$2.00 an issue. Very few papers are submitted that are not biological in origin, I would like more papers from other disciplines. We have about a 50% rejection of papers; there is close to 100% rejection of statistical papers.

Visiting Scientist Program Report.

Harold Bell, Director of the Visiting Scientist Program, has sent out Visiting Scientist Program to the colleges and high schools.

AAAS Report by Representative E. Thompson.

If you are planning to go to the AAAS Meeting in February, get your reservations in early because that meeting just precedes Mardi Gras, and space will be limited.

Archives Report, Martha Roane, Chair.

M. Bass stated that Martha Roane reports everything is on track.

Awards Committee Report presented by G. Taylor. No action has been taken by the Committee since meeting in May.

Constitution and Bylaws Report.

M. Bass reported that F. Leftwitch did not have anything to bring to the Council at this time. The Executive Committee has something for Constitution and Bylaws Committee: Making the Virginia Academy of Science official representative to the Virginia Science Museum a member of Council. Motion by A. Burke, seconded by R. Taylor: That the member of Virginia Academy of Science who is proposed by Virginia Academy of Science and who is appointed by the Governor to be a Trustee of the Science Museum of Virginia be a member of Council. **Motion passed.** (Art Burke restates that the intent of the motion is that the person who is appointed by the Governor as a Trustee of the Science Museum of Virginia and who is an Academy member, however he got there, becomes a member of Council.)

Science Education Committee Report by E. Thompson.

The major function of the Science Education Committee in past years has been to support the State Department of Education Science Teachers Conference in the Fall and more recently to support the Virginia Association of Science Teachers in the Spring. This meeting in Northern Virginia was the first time the State Department of Education has held their meeting north of Fredricksburg. It turned out to be in attendance the largest meeting ever, more than 800 teachers registered. These two meetings are opportune times to distribute information directly to the teachers, the Visiting Scientists information plus any other information that members of the Academy wish to get into the hands of science teachers. We look forward to continuing that relationship with both the State Department of Education and the Science Teachers Association.

Finance and Endowment Committee Report by A. Burke.

A. Burke presented a report on the proposed 1990 budget which was prepared by Blanton Bruner. In terms of receipts, we are in the range of \$90,000. I suggest we infuse another \$200 or \$300 into the Visiting Scientists Program and that would mean \$1630 in disbursements. (J. Martin) Probably need \$200 more for publication cost for Journal. (A. Burke) We come to VJAS reserve for reorganization plans and that was voted by Council. There is an item in the VAS for \$1000 for computer purchase and computer purchase as a line item of \$2000 in 1990, a total \$3000 for a computer. So total from Senior Academy in terms of disbursements is (change the \$50,500) \$50,900, which is up from 1989. The Junior Academy is a little bit down except for computer item. We added \$400 so we have \$87,240 in dispersement. The total for Junior and Senior Academy in dispersement is \$87,240. We have \$3,100 reserved which probably is a marginal reserve. A. Burke, Chair of Finance and Endowment, moves, "I propose this budget". Seconded by G. Taylor. **The motion passed.**

Fund Raising Committee Report by Roy Taylor.

Council approved beginning work on the trust with an endowment fund feasible study. The Committee selected proposal by Mary Ellen Stumph. The fund has been set in motion by an anonymous gift of \$1000. The trust will be the VAS/VJAS Endowment Trust, because the VJAS has no tax exempt status apart from the VAS.

(D. Ulrich) In the trust committee work, the VAS would be the vehicle for maintaining management of the fund. We run into problem calling it a trust and

decided to change it to fund, as far as investment goes, and there should be one to one in fund raising and what it is called. (A. Burke) Calling it a trust mandates certain structural attributes for all these people who are responsible or appointed or elected or otherwise volunteered to personally be on the line for it. R. Taylor states, It will be called the VAS/VJAS Endowment Fund. Discussion followed. The feasibility study is to whether or not we can raise enough money to sustain the Junior Academy. The study is projected to take six months. Discussion followed.

S. Ware asked if at the end of this feasibility study, the Committee will be able to report back to Council whether we should go ahead or look for other means of getting a new Directory to replace the retiring Directory. When are we going to know whether or not we are going to have money to pay a full-time salary? We need to know that if we are not asking for another volunteer. (M. Bass) Will progress reports allow us to make some decisions at the time of the Spring Meeting? (R. Taylor) Everything will be reported next Fall. The Fund Raising Committee is not only looking at this particular approach. (S. Ware) In terms of President and President-Elect, what kind of reality and time frames are they going to be facing? (D. Decker) Possibly everything not coming into place until a month after the May, 1991, meeting. (B. Bruner) Not until you know if the fund drive is successful. Discussion continued. D. Decker notes that this has two direct impacts on the Academy. The VJAS will be self-supporting and the VJAS Director may also be the Executive Secretary of Senior Academy. Discussion continued.

Long Range Planning Committee Report presented by K. Lawless.
No report, but we need to be concerned with scheduling meetings.

Membership Committee. No report.

Research Committee Report M. Bass relayed report from T. Sitz.

Science Advisory Committee. No report

Trust Committee Report by D. Ulrich .

The Committee is handling the Academy's investments of approximately \$140,000 through Dominic & Dominic, Inc. Decker asked if information about Bethel High School Fund been sent to Bethel. (Ulrich) We have had informal conversation and a letter will be mailed.

Virginia Flora Committee Report by M. Bass for M. Roane.

Martha has been working on taxonomic grasses in Virginia. She has published some material in the Jeffersonian and has sent information to the Journal Editor.

Environmental Science Section Report by C. Blair.

A report was presented on Chesapeake Bay Environmental Research Reserve System, administered by Virginia Institute for Marine Science, and the Advisory Committee which will help decide how to distribute federal funds for work in these reserves. C. Blair was recommended by M. Bass, President of the Academy, to serve as a representative from the Academy on that committee. Dr. Jones at George Mason wants to set up a symposium titled Fresh Water Ecosystems at next year's meeting.

(M. Bass) Carvel Blair has drafted a letter to be sent to state agencies like the State Water Control Board and Virginia Game & Inland Fishery recruiting membership for the Academy. I have approved the distribution of that letter which will be sent out on Academy letterhead.

Medical Science Section Report .

R. Brandt reports that everything is alive and well.

Old Business

S. Ware notes that some section representatives have never been to a Council meeting. Section representatives should attend the meetings. Discussion followed. (Art Burke) The President-Elect should make a point of visiting each section during their paper session. Discussion followed.

New Business

The March meeting of Council will be on March 3, 1990, at George Mason University. A general discussion on teacher education, State Certification of Teachers, and textbook selection followed.

Respectfully submitted by:
Gerald R. Taylor, Jr., Secretary
Virginia Academy of Science