

VERMONT STATE MATHEMATICS COALITION
Minutes of Meeting of September 15, 2009
Home of Barbara Rippa, South Burlington, VT

Call to Order: The VSMC meeting was called to order at 5:20 pm by Harvie Porter, Coalition Director. Attending the meeting were members Ken Gross, Tony Trono, Bob Kenney, Bob Chaffee, John Devino, Jean McKenny, Harvie Porter, Barbara Rippa, and Ted Marsden.

Approval of Minutes: The minutes of the September 11, 2008 meeting were approved with the correction of a typo.

Financial Report: Bob Chaffee reported that checks are still coming in toward covering the expenses of \$12,443.50 for the Summer Institute. Jean Olson still hasn't received expense money from the state and some of that expense money will come to the Coalition.

The Talent Search Awards Night was more expensive than in past years, with some of the increase in cost due to Waterman Manor's charges for insurance and a facilities fee. There was general approval of the Waterman Hall site for the Awards Dinner, but there was also a discussion about the cost and convenience of using a local restaurant.

There was a discussion about the date for the next Awards Night Dinner. There is a possibility of a school vacation week at the end of April, and, if so, then the Annual Meeting and Talent Search Dinner may be scheduled for the first Tuesday in May.

The current bank balance for the Coalition is about \$1000 less than at this time last year.

The financial report was approved.

Director's Report: Harvie Porter had no information to report.

Executive Director's Report: Bob Chaffee had no information to report.

Ken Gross reported that Doug Harris and two others are still employed by the Vermont Institute, now operated out of Doug's house. Additional grants have been awarded by NSF to maintain the records and the material that was developed in the years when Vermont Institutes had funding that supported development of courses and material.

There is now a grant proposal for \$ 2.1 million to fund a continuation of VI activities that is waiting for a funding decision by NSF.

There is a continuing interest in transferring material developed through the VI to the Coalition.

The OGAP (Ongoing Assessment Project) material is being transferred to VMI, now part of the Department of Mathematics and Statistics of UVM.

Tony Trono reported on the Summer Institute. There were 30 students (15 boys and 15 girls) who attended. The program was excellent, and there was a particularly good group of students who participated. The program was presented within the amount of the budget.

Included among the local sponsors were the Vermont Space Grant Consortium and the Provost's Office at UVM.

Talent Search Competition and ARML results. Bob Chaffee reported for Barbara Unger. At the ARML competition held at Penn State in May, the Vermont team, now moved up from Division B, competed poorly against the teams of Division A. The Vermont team included 15 members plus 3 alternates. Some students who were invited to be members of the team couldn't participate because of conflicts with events at their own schools. A suggestion from Barbara is that the team would be helped by having practice sessions in advance of the competition. For the first time this year no calculators were permitted for use in the competition.

Talent Search Contest: The first test was mailed to the schools this week. The second, third and fourth tests will not be mailed, but will be available on line.

A suggestion was made that the Talent Search Contest should focus less on questions that encourage students to use a calculator. More experience with problem solving methods that don't employ calculators should give the students a better background for the ARML competition.

Ken Gross suggested Greg Warrington of the UVM Department of Mathematics and Statistics as someone who would be good at developing the skills of students for the Vermont team in the ARML competition.

The Samuel L. Greitzer Award for Distinguished Coaching is an award of the ARML. Co-winners of the award in 2009 include Tony Trono. The Coalition recognizes the achievement of Tony in winning this award.

Expanding Horizons. John Devino reported that last year there were 60 volunteers to present. With results incomplete, there were at least 12 presentations at high school math classes in the past year. A mailing to previous volunteers has gotten responses that many of them will again volunteer to participate. There was a discussion about some mathematicians from the state who might volunteer for this year if invited. John suggested that having a high school math teacher in an active leadership position in the Expanding Horizons program would help to generate more invitations from schools. John suggested Steve Roberts of Essex High School.

Information about the Expanding Horizons program will be distributed at the fall meeting of the VCTM and will be included in the VCTM newsletter.

Ken suggested that the VCTM should work to attract more members who are middle school and elementary school teachers. In particular, there are now more than 300 graduates of VMI working as teachers in all sections of Vermont.

The VMI program is a three year program developed for elementary teachers in Vermont, but now expanded to include participants who are math teachers in middle schools and high schools, with an occasional administrator entering the program. In each of the three years of the program there are four courses completed, two in the summers, one in each fall term and one in each spring term. A focus of the VMI program is toward giving participants a deep

understanding of the mathematics that is central to the mathematics curriculum of the classrooms of these teachers.

Ken was pleased to announce that Sheila Weaver of the UVM Department of Mathematics and Statistics has become a teacher in the VMI program.

Ken reported that Roger Cooke, distinguished mathematician and now retired from UVM Department of Mathematics and Statistics, was recently in a serious accident while riding his bike. Today he is undergoing surgery.

Ken presented some information about Peter Lax, winner of the Abel Prize, an award in mathematics similar to a Nobel Prize. Professor Lax will be visiting Burlington as a guest of the UVM Department of Mathematics and Statistics. He will be presenting lectures that are open to the public.

Ken also announced that he will be retiring as Director of the Vermont Mathematics Initiative, a position he has held since the VMI was created in 1999.

Ken mentioned that the AMS and MAA organizations are interested in replication the VMI in other locations. One expansion of VMI programs to report is within Vermont, with VMI Phase II offering the first two courses of VMI off campus at school districts around the state. The teachers who complete these two courses are able to enter the VMI program starting with Course 3. In particular, Addison Central is now offering VMI Phase II staffed by teachers who are graduates of VMI.

Jean McKenny reported on the NASSMC meeting which she attended on September 10 and 11. The NASSMC has very little funding now. At its founding, a goal of NASSMC was to assist in the creation of STEM Coalitions around the country. That goal has been accomplished. The organization is looking for another goal for the future, perhaps as a link between the federal government and the Coalitions, perhaps as a link among the Coalitions. An emphasis now seems to be on STEM coalitions. A question for us is whether the VSMC should move toward being a STEM coalition. Ken reminded us that the original goal of the coalition was to bring together Education and Business and the State.

Other Reports. None.

New Business. The Coalition received a letter from the Goodrich Corporation of Vergennes. The letter offers the Coalition an opportunity to apply for a grant. A form enclosed with the letter should be submitted by March. There is interest in pursuing this.

Nominating Committee. Bob Kenney will continue as Chair of the Nominating Committee. Other members of the committee are Barbara Ripa and Ted Marsden. A responsibility of the Committee in 2010 will be the recommendation of a Director.

NSF and an Opportunity. Ken mentioned that the NSF made a presentation today at UVM. There are programs at the NSF that could fund some Vermont education activities. It is a matter of looking at types of programs that NSF is funding, and then getting local organizations to develop an idea into a grant proposal. One possible idea is a coalition among CCV and other colleges in developing a program for low income students so that the students

could get started in college, at CCV perhaps, and then continue on to graduate with a 4-year degree . Another possibility is that a coalition of colleges could work together to develop mathematics, science, and technology programs of improved standards. Ken suggested that those involved could include members of the Coalition and others – this could be a way to bring new blood to the Coalition through finding an activity (such as built around collaborations like those he suggested) that is attractive to the type of people we wish to be members of the Coalition.

Thanks of the Coalition. The members of the Coalition express their gratitude and thanks to Barbara Rippa for offering her home as a meeting place and for her preparation of an excellent meal.

Calendar. The next meeting of the Coalition is scheduled for December 15 at 5 pm at the home of Ken Gross.

Adjournment: The meeting was adjourned at 7: 10 pm.

Submitted by Ted Marsden, Secretary

VERMONT STATE MATHEMATICS COALITION
Minutes of Meeting of January 21, 2009
Home of Barbara Ripa, South Burlington, VT

Call to Order: The VSMC meeting was called to order at 5:15 pm by Harvie Porter, Coalition Director. Attending the meeting were members Tony Trono, Bob Kenney, Bob Chaffee, Barbara Unger, Harvie Porter, David Hathaway, Barbara Ripa, Sheila Weaver, and Ted Marsden.

Approval of Minutes: The minutes of the September 11, 2008 meeting were approved with the correction of typos.

Director's Report: Harvie reported that there has been very little information coming to Coalitions from NASSMC. Information from our Director is that the VSMC dues have been paid to NASSMC.

Financial Report: Bob Chaffee reported that there have been few deposits to or withdrawals from the checking account since the last meeting. Among expenses were NASSMC dues of \$300, office supplies of less than \$200, annual website fee of \$61.60, Expanding Horizons printing and mailing fees of under \$150, and medicare and social security payments of about \$300 (for Bob and matching what Bob pays himself).

The current checkbook balance is \$17,299.03.

A motion was made to approve the financial report. The motion was approved.

Executive Director's Report: Bob Chaffee reported that the NASSMC conference will meet on May 14 and 15. This year the Coalition will not send a member to the conference.

Jim Donatelli of Texas Instruments has indicated that TI will donate TI-Nspires to winners of the Talent Search Contest. He plans to attend the Awards Ceremony, which will be held in conjunction with the Annual Meeting on April 28. There was a discussion about the awarding of TI-Nspires to students who already have them. Some thought an alternate choice might be made to a student already owning one, and others thought that students could be happy with two.

Tony Trono will encourage the University Mall to again make a donation to winners in the Talent Search Competition.

This year, there will not be another contribution to the Coalition from the Mergens Foundation. Without the contribution, the Coalition still has funds to pay for the Awards Night Banquet.

Governor's Institute in Mathematics. Sheila Weaver reported that the schedule is now being developed. Greg Warrington will be one of the presenters. He is now a faculty member of the Department of Mathematics and Statistics at UVM after completing a Ph.D. at Harvard University. His presentations of mathematics will have some juggling mixed in.

As in the past several years, half of the students participating will be selected through the Coalition and will attend free of charge. The other half will apply through the Governor's Institutes, and those accepted will pay a fee for their participation.

Mike Kling will work for the Governor's Institute in Mathematics (after years as a participant). He will lead the problem solving sessions.

Sheila is now working on donations of support for the Governor's Institute in Mathematics. Both Engineering and the Space Grant Program will be contacted.

Talent Search Contest. Barbara Unger reported on the first two tests of the Talent Search Contest. There were 143 students who submitted solutions for Test 1 and 104 who submitted solutions to Test 2, including 70 who submitted solutions for both tests. Other information was about numbers whose scores were low, with scores of only one or zero, or else did well on one test, but not the other (or didn't submit solutions).

Both Test 1 and Test 2 were copied at Middlebury College at no cost to the Coalition.

The third test is due at the end of this week.

Harvie asked if the Mathnet has been used to announce the arrivals of the next test. The Test 4 will be announced on the Mathnet.

A suggestion was made that a letter be sent to schools at the start of the school year announcing the testing schedule and that the tests are available on line. Barbara suggested that the answers should also be posted on line, with answers posted as the following test is posted.

The ARML Competition and Penn State. Barbara Unger announced that the Vermont team will be competing at the ARML annual testing on May 30th, held on the campus of Penn State University.

Members of the Vermont team will be selected from students who have scored well in the Talent Search competition as well as top scorers on the UVM math test and the American Mathematics Contest.

Tony Trono and Barbara Unger will meet to discuss preparation for the ARML competition.

Website. David Hathaway will check to get information on restricted access to the website. He presented to us a password that can be used to gain access.

Expanding Horizons. John Devino, not at this meeting, asked that the following information be presented. He has mailed a letter and flyer to all high schools and has had information posted at the website. Flyers were distributed at teachers conventions. Periodic updates will be posted on Mathnet.

Nominating Committee. Bob Kenney presented information for the Nominating Committee. Ted Marsden has volunteered to continue as secretary, and Barbara Rippa has volunteered to continue as fiscal officer.

New Business. None.

VERMONT STATE MATHEMATICS COALITION
Minutes of Meeting of September 11, 2008
Home of Barbara Rippa, South Burlington, VT

Call to Order: The VSMC meeting was called to order at 5:15 pm by Harvie Porter, Coalition Director. Attending the meeting were members Tony Trono, Bob Kenney, Jean McKenny, Bob Chaffee, Barbara Unger, Dick Unger, Ken Gross, Harvie Porter, David Hathaway, Barbara Rippa, Doug Harris, John Devino, and Ted Marsden.

Approval of Minutes: The minutes of the March 4, 2008 meeting were approved.

Financial Report: The report was presented by Bob Chaffee, Treasurer. The Coalition has not yet received some of the expenses and some of the income (to cover Coalition expenses) associated with the Summer Enrichment Institute. Some of the Talent Search expenses for the dinner at the Annual Meeting have not been paid yet. The total expenses of the Talent Search Awards Dinner and Annual Meeting will be \$1279.22. There were questions about some details of the balance sheet. Bob indicated that he would find a way to clarify some details on financial sheet. Summary of where we are financially: We have more money in accounts than we had last year. The Financial report was accepted.

Director's Report: Harvie Porter summarized information from the NAASMC. There is no budget to support the NAASMC. Jim McMurtray, NAASMC, has had little information to report.

Executive Director's Report: Bob Chaffee reported to the members on his health. He is now walking 2 miles per day and feeling much better about his recovery, good news to all.

Continuing Business: Doug Harris reported on the proposed incorporation of materials and administration of that material from Vermont Institutes to the VSMC. In the long run, it is *important for Vermont educators to have access to the material*. Doug distributed an updated transition plan including information about intellectual property in the material and operating principles. Bob Chaffee, Ken Gross, and Doug will develop a plan based on the operating principles. The plan identifies Bob and Ken as authorized to prepare this on behalf of the Coalition. The VI Board has authorized Doug to act on their behalf.

Most of the material from the Vermont Institutes is stored in electronic form, with some in paper form, including papers completed by students in schools. For now, there is no problem about storage of the material in electronic form. The material on paper is stored in boxes, now in Doug's barn. Some expenses of maintaining the material are still covered by the NSF.

David Hathaway indicated that there is space on the Coalition's server to store material (including material developed through VI) in an accessible way. David asked about rights in the future for the VSMC to transfer the material or abandon it. Bob, Ken, and Doug will work on the plan with this in mind.

Ken provided a summary of the situation. We need a plan for what happens when the NSF no longer provides support. We need to develop a plan so that the material that has been developed will still be accessible to Vermont educators. Vermont Institutes is now in year

seven, supplemented by grants for two years since the five year grant expired. Further support from NSF is possible on an annual basis.

Motion: The Coalition sees nothing inconsistent with the mission of the Coalition in what has been prepared to this point (toward providing a repository for VI materials) and recommends that the development continue. The motion was approved.

Summer Enrichment Institute. Tony Trono reported that the Institute of 2008 was very good, as good as any Institute has ever been. Tony will meet with the Board of Directors of the Governor's Institutes on September 22nd as his last responsibility with the SEI. The members acknowledge Tony's dedication and long service to the Summer Enrichment Institutes.

Tony also presented information about the success of Vermont students in competitions. Each spring there is an ARML competition of teams of high school students. The Vermont team competes at Penn State, one of four testing sites in the country. This spring the Vermont team finished first of 81 teams from the country that are in Division B.

Barbara Unger displayed the plaque honoring the Vermont team for their win in the ARML competition. The plaque stays in Vermont for the year and then in the spring of 2009 it will be awarded to that year's winning Division B team. Barbara also showed the members a certificate including information from the Congressional Record that was submitted to the Record by Senator Bernie Sanders.

Tony gave other information about the excellent performance of Vermont students. Two Vermont students, Colin Sandon and David Rolnick, finished in the top twelve in the country on the ARML national testing. These 12 students were tested further and Colin Sandon was selected for the United States Olympiad team that competed in Spain. Colin's performance earned him a gold medal at the international competition.

Talent Search: Barbara and Dick Unger have worked hard to get ready for this year's contest. Barbara has been in contact with some members of the Middlebury College Mathematics Department, and four of them submitted problems that might be used in the 2008-2009 contest. Evan Dummit, an excellent participant in Talent Search competitions through his high school years and now a student at the California Institute of Technology, has also submitting problems that may be used.

Bob Chafee suggested that the first Talent Search test of the school year should be announced. Harvie suggested that it be posted on Mathnet to remind teachers to make the contest available to students.

Jean McKenny has been in contact with James Donatelli, the new regional TI representative, who will be very supportive of the Talent Search contest. It is possible that TI will donate Nspires calculators this year.

Expanding Horizons Speakers Program: John Devino summarized the presentations for the 2007-2008 school year. There were 20 invitations to speakers, which resulted in 17 presentations. This number of presentations is slightly up from the previous year.

David Hathaway, in reference to the Vermont Institutes to Vermont State Mathematics Coalition transition, asked if he should investigate subdirectories available to those with passwords. With some expressed interest, David will look into this.

Ken Gross spoke about the VMI program, now in its tenth year. The program was created for elementary teachers, but it was discovered in the last several years that the same program can also serve middle school teachers. A modest grant is now in place to expand the program to serve high school teachers. Ken is looking for suggestions from high school teachers involved in the Coalition and state-wide for suggestions toward setting up a high school program similar to the VMI.

There are now discussions with UVM, exploring ways to support the VMI program. The VMI Program started with discussions among Ken, Marc Hull, at the time the Commissioner of Education, and Marge Petit, at the time the Deputy Commissioner. By now the program has graduated about 280 Vermont teachers, many of them serving as teacher leaders in Vermont. Courses are now offered through VMI in many school districts in the state, some of them presenting the material of the first two VMI courses. Other non-credit courses are being offered to in-service teachers at Camel's Hump School and in Lamoille County. Outside of Vermont, VMI courses are being offered in Cincinnati and Little Rock.

Bob Chaffee received a phone call from the manager of a radio station who wants to do an interview with someone about the present state of mathematics education in Vermont. The discussion brought forth a suggestion, Judi Laird, the Executive Director of the VMI.

Calendar: The next meeting of the Board will be on December 9th at the home of Barbara Rippa. A proposed date for the annual meeting is Tuesday, April 28th at 5 pm.

Note: The members of the Coalition express their gratitude to Barbara Rippa for offering her home as the site of this meeting and her preparation of tonight's excellent meal.

Adjournment: The meeting was adjourned at 7:15 pm.

Submitted by Ted Marsden, Coalition secretary.

VERMONT STATE MATHEMATICS COALITION
Minutes of Annual Meeting of April 28, 2008
Waterman Manor, UVM, Burlington, VT

Call to Order: The VSMC meeting was called to order at 7:30 pm by Harvie Porter, Coalition Director. Attending the meeting were members Tony Trono, Bob Kenney, David Hathaway, Harvie Porter, Bob Chaffee, Doug Harris, Barbara Rippa, John Devino, Sheila Weaver, Barbara Unger, Dick Unger and Ted Marsden.

Approval of Minutes: The minutes of the Annual Meeting of May 1, 2007 were approved.

Financial Report: Bob Chaffee presented the Financial Report. The checkbook balance stands at \$18,304.71.

The Coalition receives 8% of incoming funds that are administered through the Coalition. The balance puts the Coalition "in decent shape" for the next year. Adding to the balance will be a contribution of \$5000, made to the Coalition through the generosity of the Mergens Foundation.

The only major expense to the Coalition not yet recorded in the financial report is the cost of tonight's meal.

The financial report was accepted.

Committee and Other Reports.

Governor's Institute in Mathematical Sciences: Sheila Weaver, Co-Director of the Governor's Institute in Mathematical Sciences (and formerly the Summer Enrichment Institute), reported on plans for the 2008 Institute, to be held the week of June 22 to 27. Now scheduled for presentations are Professor Josh Bongard, UVM Computer Science Department, presenting sessions on robots; Professor Peter Dodds, UVM Mathematics Department, presenting sessions on mathematical models for Complex Networks; Professor Chris Danforth, presenting sessions on chaos, fractals and examples of them from different fields; and Jeff Frolik, UVM School of Engineering, presenting on mathematics as applied in engineering.

One session will include a competition among teams of students who will build catapults. Dick Unger suggested that the local television stations should be alerted about the testing of the catapults. Bob Chaffee suggested that the Burlington Free Press should also be alerted.

Sheila and Tony Trono, long-time and founding Co-Director of the Summer Enrichment Institute, have completed selection of the 16 students who will attend through their applications to the Governor's Institute. The 16 students applying to the Institute through the Governor's Institute pay to attend, and the 16 students invited to attend through the Coalition attend at no cost to them.

ARML Competition: Tony Trono reported on the team of high school students who will represent Vermont at the ARML competition. The 15 students of the Vermont team have been selected by Tony. Each of them has expenses, \$250 per student, of the trip to Penn State paid by their high schools. The 11 students honored this evening have all been invited to be on the team. The members of the team solve problems in two formats: both questions to be solved individually and questions to be solved as a team. Along with the Penn State site, there are teams who take the test in Iowa, Nevada, and Georgia.

Expanding Horizons Speakers Program: John Devino reported for Expanding Horizons. At this date, John doesn't know how many presentations have been given this year. He is concerned that many teachers don't invite speakers because of the tight schedule on which they must present mathematics and assess the students. The assessments take three days in the fall and another 3 days in the spring.

John posed the question about whether there would be more invitations if the topics were more aligned with the curriculum.

Vermont Institutes and the Coalition: Doug Harris is continuing to prepare Transition Plan and Operating Principles whereby the Coalition will serve to maintain records and material that was developed through the NSF/ USDoe grant to the Vermont Institutes. He and Ken Gross will meet with Bob Chaffee to discuss details before the next Coalition meeting.

Nominating Committee. Bob Kenney reported for the Nominating Committee. Jean McKenny has volunteered to continue as Co-Director for Education and David Hathaway has volunteered to continue as Co-Director for Business. A vote continues them in those positions.

Calendar: The next meeting will be held on September 9, 2008 at the home of Barbara Rippa.

The members of the Coalition acknowledge the effort of Tony Trono and Ted Marsden for their 15 years as Co-Directors of the Talent Search Contest. It will be noted here that in the fall the new Co-Directors will be Barb Unger and Dick Unger.

Adjournment: The meeting was adjourned at 8:05 pm

Submitted by Ted Marsden, Coalition secretary.

VERMONT STATE MATHEMATICS COALITION
Minutes of Meeting of March 4, 2008
Home of Barbara Rippa, South Burlington, VT

Call to Order: The VSMC meeting was called to order at 5:35 pm by Harvie Porter, Coalition Director. Attending the meeting were members John Devino, Tony Trono, Harvie Porter, David Hathaway, Barbara Rippa, Jean McKenny, and Ted Marsden.

Approval of Minutes: The minutes of the November 13, 2007 meeting were approved.

Financial Report: Bob Chaffee, Treasurer, is not at the meeting and is still convalescing. This very brief report includes a balance of \$11,114.77 in the Coalition's accounts. Also, the Coalition received a generous contribution from Dr. Karen Gross Huyck, donated in honor of her father Ken Gross.

Director's Report: Harvie Porter reported that NAASMC, now with very little funding, has not scheduled any further meetings.

Executive Director's Report: Harvie, reporting for Bob, confirmed the date of April 29 for the Annual Meeting, with a contract signed to have the meeting and dinner at Waterman Manor.

Although Nancy Schick is no longer employed by Texas Instruments, TI will honor their commitment to provide 11 graphing calculators to the winners of the Talent Search contest. There had been hope that the donation would be for their Nspires calculators, but it appears that the donation will be for the same model that was donated last year. Jean McKenny will try to help us get the Nspires models. John Devino suggested that a donation of Nspires from TI could be noted in the newsletter of the VCTM with the comment that the winners who are graduation from high school will take the opportunity to show them off to their college classmates.

Talent Search: Tony Trono indicated that Barbara and Dick Unger are away now, but will be regularly attending meetings. Next year they will be running the Talent Search contest.

Summer Enrichment Institute: Tony reported that Sheila Weaver, who has become Co-Director of the Institute, has been working with Tony and Jeff Dinitz toward finalizing the program. Josh Bongard of Computer Science at UVM, whose talks have made him highly regarded, will give a talk on robotics on Monday evening. Peter Dodds of Middlebury will present daily through the week. Jeff Frolich will do a hands-on activity. Tony, Sheila, and Jeff will lead the problem solving through the week. Don Densmore of the Governor's Institute on Engineering and Sheila Weaver will prepare an emergency plan, prepared in the case of any disaster.

The Institute's schedule will include a field trip to Burton Snowboards, during which the students will be given information on the mathematics that is part of the design of snowboards.

Next Tuesday, Tony will visit with legislators to present information to them of the value of their support for the Governor's Institutes.

Jay Price, Susannah Roy and Kristen Stone will all be counselors at the Summer Institute. Mike Kling will go to Penn State as a helper.

There will be a meeting of the Directors of the Governor's Institutes on April 4. Both Tony and Sheila will attend. Tony met with Paul Mergens of the Mergens Foundation. The Mergens Foundation ordinarily does not provide support to an organization for more than two years. The Foundation has supported the Summer Institute and the Talent Search for three years, and Tony believes that the Mergens Foundation may provide funding for a fourth year.

Bob Chaffee has discussed with Tony the expense to the Coalition associated with the number of prize winners of the Talent Search contest. There are many excellent entrants in the contest this year, and it may be difficult to find a clear separation of scores so that 10 students are invited. Tony noted that the entrants have been of high quality this year, and the first three tests have generated an average of about 200 entries. Tony and Ted will look at the cumulative points scored by the highest scoring students in the Talent Search contest, and make a decision about which students will win awards.

A motion was unanimously supported that the Coalition would support the cost of prizes with an amount of up to \$500.

Expanding Horizons: John Devino is working to get more schools to arrange for talks in the Expanding Horizons Speakers Series. He will get a message to the VCTM membership.

Coalition Website: David Hathaway reported that the annual fee for the Website has been paid. He indicated that the fourth test of the Talent Search contest has been posted. If members have suggestions for other information that can be posted, then that should be brought to David's attention. David mentioned that if there is an interest then it is possible to have e-mail sent through the website.

Nominating Committee: Bob Kenney announced that, at the recommendation of the Nominating Committee, he had spoken with both David Hathaway and Jean McKenny. David expressed a willingness to continue serving as Co-Director for Business, and Jean expressed a willingness to serve as Co-Director for Education. Both were elected in unanimous votes and thanked for their willingness to continue their service.

Calendar: The annual meeting has been scheduled for April 29 at Waterman Manor on the UVM campus. The following meeting of the Coalition will be scheduled at the annual meeting.

Note: The members of the Coalition express their gratitude to Barbara Rippa for her generous offer of her home as the site for this meeting and her preparation of tonight's excellent meal.

Adjournment: The meeting was adjourned at 7:20 pm.

Submitted by Ted Marsden, Coalition secretary.