

VERMONT STATE MATHEMATICS COALITION
Minutes of Meeting of November 13, 2007
Home of Barbara Rippa, South Burlington, VT

Call to Order: The VSMC meeting was called to order at 5:10 pm by Harvie Porter, Coalition Director. Attending the meeting were members John Devino, Tony Trono, Harvie Porter, David Hathaway, Bob Kenney, Barbara Rippa, Bob Chaffee, Jean McKenny, Ken Gross, Barbara Unger, Dick Unger and Ted Marsden.

Approval of Minutes: The minutes of the September 18, 2007 meeting were approved.

Reports

Financial Report: Bob Chaffee presented the Financial Report. The Coalition has two accounts at the Citizens Bank, a checking account and a CD, which has just been renewed at a favorable rate and allows opportunities to make transfers from it into the checking account. The balance in both accounts is \$19,804.40. The financial report was approved.

Director's Report: Harvie Porter indicated that there was nothing new to report.

Executive Director's Report: NASSMC has been paid the Coalition's dues of \$300.

Nancy Schick has indicated that Texas Instruments will donate eleven TI Nspire calculators as awards to the highest finishing students in the Talent Search Contest. This is the same model that Nancy demonstrated at the last Annual Meeting.

Bob is in the process of fixing a date and place for the next Annual Meeting. He has been in contact with the UVM Office of Conferences and Events. As of now, the plan is to have the Annual Meeting on April 29, 2008 in Waterman Manor.

Old Business: None.

Summer Enrichment Institute: Tony Trono reported that the next Institute will include housing in Harris-Millis Residence Halls, a location closer to the classes of Votey Hall than the housing of the Redstone campus.

Tony reported that Sheila Weaver, a faculty member of the UVM Mathematics and Statistics Department who teaches statistics, is becoming a Co-Director of the Summer Enrichment Institute. She was a presenter in the last Institute and was highly regarded by the students.

Jean Olson, Director of the Governor's Institutes, received information while attended a conference in regard to new rules concerning safety of those attending Institutes. Organizers of conferences and institutes must now develop safety plans to best protect attendees in the case of catastrophic events such as hurricanes and terrorist attacks.

The next Summer Enrichment Institute is scheduled from the end of the afternoon of Sunday, June 22 until the afternoon of Friday, June 27.

Talent Search Contest: Tony Trono reported that the second test arrived in schools on today, November 13, 2007. The test is also posted on the Coalition web-site. Barbara and Dick Unger, who will take over the contest on the completion of this year's Talent Search Contest, have been participating in the selection of the problems and the development of the tests of this year. The third test is now in draft form.

On the first test, there were 210 students who submitted entries. This number was less than the 300 who participated in the first test last year, but the quality of the papers submitted this year is significantly higher. There were 34 students who scored 6 or above on the eight problems of Test 1. Another 43 students had scores of 4 through 5.5. In summary, the contest is off to a very good start.

Expanding Horizons: John Devino reported that 425 brochures were been distributed at the NEA teachers meeting. More will be sent to the larger high schools. Copies of the brochure can be viewed or printed at the Coalition's website. Later in the year, we will try to send information through e-mail to encourage high school teachers to make use of the program.

Coalition's Website: David Hathaway reported on the availability of space on the Coalition's website for the posting of information about the Coalition and its activities. The Talent Search tests have been posted there for some years and the Expanding Horizons brochures have also been posted. The cost to the Coalition for having the website is about \$80 per year.

Vermont Mathematics Institute: Ken Gross presented information on the Vermont Mathematics Coalition, its history and its current status. The Vermont Mathematics Initiative was created in the spring of 1999. Major players in the creation of the program were Ken Gross, Marc Hull, who was Commissioner of Education, and Marge Petit, who was Deputy Commissioner. With about 4000 elementary teachers in Vermont, the program was designed to produce teacher leaders, who would have an enhanced understanding of mathematics and would be prepared to assist in the planning and development of professional development in mathematics of teachers in their schools or school districts. The three year program leading to a master's degree from the University of Vermont has its courses presented at UVM. By now there are about 250 graduates of the program. In order to have more impact in schools, a Phase 2 program has been developed in which the course material is presented in a course of 80 contact hours and offered at schools in the state. Schools are able to sign up to have the course offered in their own district. The material of the Phase 2 course is based on the first two courses of the VMI program. The Phase 2 course was successfully piloted last spring in Orleans/Essex, Addison and in South Burlington. The course is now being offered for elementary and middle school mathematics teachers in eight school districts in the state, with plans to expand the program to include high school mathematics teachers. It is hoped that the course material will be adopted by UVM for use in courses for mathematics education students.

New Business: Bob Chaffee, Ken Gross and Doug Harris, Executive Director of the Vermont Institutes, met this week. The Vermont Institutes was funded by a grant from the US Department of Education and the National Science Foundation. The five year grant has now expired. With funding for Vermont Institutes significantly diminished, there is a concern that there should be an organization to maintain the materials created as part of VMI programs. Ken suggested that the Coalition should consider being the organization that will maintain and protect the intellectual property created in the VI programs. As a background on this, the

Coalition was started in 1989 as an organization for improving mathematics education in Vermont. At the time VISMT was funded in 1992, then VISMT took over much of that role. The grant funding the Vermont Institutes caused VI to replace VISMT in that role. Doug Harris will request of the Board of Directors of VI that VI should take on no new projects and cease to exist by the summer of 2008. Included in the intellectual property created through VI are courses designed for high school teachers, middle school teachers, elementary teachers and also the material of the Ongoing Assessment Program.

It is Ken's suggestion that the intellectual property that was developed as part of VI programs should go to the Coalition. It is the intention of the suggestion that the Coalition would provide a safe place to keep and maintain this intellectual property. Ken proposes that the Coalition authorize Bob and Ken to meet with Doug Harris to negotiate and work out the details of this transfer. It was mentioned that if the Coalition does this, then two results would be that the Coalition would return to one of its original missions, playing a more central role in mathematics education in the state, and that there should be an interest of membership in the Coalition of some people who play major roles in mathematics education in the state, such as Doug Harris, Marge Petit, and Judi Laird.

It was moved that the Coalition authorize Bob Chaffee, Executive Director, and Ken Gross to represent the Coalition in discussions with Doug Harris, Executive Director of Vermont Institutes, toward the development of a plan to transfer the intellectual property of the Vermont Institutes to the Vermont State Mathematics Coalition.

The motion was approved.

Bob Kenney suggested preparation for the Annual Meeting in finding members who are willing and interested in serving as officers described in the bylaws. Bob Kenney and John Devino will discuss that preparation.

Ken Gross, after inspecting the Coalition website, suggested changes in information that is posted there. Two examples are the overview, which Ken suggested should be up-dated, and the bylaws, which Ken suggested should be eliminated from the website. Ken is willing to develop a proposed adjustment to suggest at a future meeting.

Calendar: The next meeting of the Coalition will be on Tuesday, February 12, 2008, at the home of Barbara Rippa.

The Annual Meeting will be held on April 29, the last Tuesday of April.

Expression of thanks: The members of the Coalition express their thanks to Barbara Rippa for making her home available for this meeting and for preparing an excellent meal for us.

Adjournment: The meeting was adjourned at 6:35 pm.

Submitted by Ted Marsden, Coalition secretary.

VERMONT STATE MATHEMATICS COALITION
Minutes of Meeting of September 18, 2007
Home of Barbara Ripa, South Burlington, VT

Call to Order: The VSMC meeting was called to order at 5:25 pm by Harvie Porter, Coalition Director. Attending the meeting were members Tony Trono, David Hathaway, Bob Kenney, Barbara Ripa, John Devino, Harvie Porter, Bob Chaffee, Jean McKenny and Ted Marsden.

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

Reports

Financial Report: Bob Chaffee presented the Financial Report. After the expenses of the Summer Enrichment Institute were paid, the Coalition's bank accounts include \$8000 in a CD and \$1420.17 in the checking account. A total of \$11,147.95 will be received from Jean Olson of the Governor's Institutes to give a grand total of \$20, 568.12. The Financial Report was approved.

Director's Report: Harvie Porter presented the Director's Report. Based on information from Francis Eberle, Board President of NASSMC, the budget supporting education programs at NASA has been severely cut. NASSMC will continue to operate as best possible with almost no budget.

Summer Enrichment Institute. Tony Trono reported on the 2007 session of the Summer Enrichment Institute. Yesterday Tony sent out a document (prepared for the Governor's Institutes) to all sponsors of the SEI. Both Tony and Jeff Dinitz considered the session one of the most successful Institutes ever, while maintaining the same format as in previous years. Sheila Weaver, a faculty member of the Department of Mathematics and Statistics at UVM and with background in statistics, will be working with Jeff and Tony this year and will replace Tony next year as he retires as a Co-Director of the Summer Enrichment Institute.

Talent Search. Tony presented information on the Talent Search Contest of this year. The first test has been prepared and will be at the high schools on Tuesday, October 2. Both Tony and Ted will retire from the Talent Search Contest at the end of this school year. Barbara and Dick Unger will take over the contest next year. Barbara has extensive experience with students and with testing, having served as a middle school math teacher for many years and having been a volunteer with the Math Counts Contest for middle school students. During this year, Barbara and Dick will be involved in all aspects of the Talent Search Contest, getting experience at selecting problems and correcting problems.

Expanding Horizons: John Devino presented some data about presentations over the last several years as well as requests for presentations. The data are summarized here. In 2004, there were 19 presentations in response to 22 requests; in 2005: 20 of 25; in 2006: 20 of 31; and in 2007: 13 of 24. Some speculation is that the class schedule of math courses is putting pressure on teachers to get the curriculum finished. This means that teachers aren't able to give up a class day to a presentation by an outside teacher of a topic not central to the curriculum of the week.

There was a question about how to make the Expanding Horizons material more visible to the teachers in all of the high schools. Bob Chaffee will place information on the math nets. Tony

all.

suggested that the talks would be very appropriate for the teachers to hear on their professional development days. That idea will be presented to high school math teachers.

Coalition web-site: David Hathaway reported that there had been no activity recently on the Coalition web-site. There is every opportunity to add more information to the web-site.

New Business: There was a discussion about the funding in support of the 2008 Summer Enrichment Institute. One reason for the increase in cost of running an Institute is the increase in the compensation to the instructors in the program. Bob Chaffee and Tony Trono will meet with Jean Olson to discuss fund raising for the Governor's Institute in Mathematical Sciences. The members of the Coalition expressed the expectation that the Governor's Institutes should pay for the expenses of the SEI, with the Coalition paying the tuition charges of the participants selected by the Coalition for participation in the SEI. It is also the expectation of the members of the Coalition that the Coalition's fund raising on behalf of the SEI will be used to pay the tuition charge of the participants selected by the Coalition.

Barbara asked for information about any differences of quality in the performances of the students selected by the Coalition in comparison with the students selected through the process of the Governor's Institutes. Tony responded that there seems to be some difference, but there has been no information gathered to support that.

Calendar: The next meeting of the Coalition will be on Tuesday, November 13 at the home of Barbara Rippa.

The Annual Meeting will be held on April 29, the last Tuesday of April. Bob Chaffee will contact Nancy Schick to invite her and to discuss the possibility that Texas Instruments can again donate TI calculators as prizes to the highest finishing students in the Talent Search Contest.

Expression of thanks: The members of the Coalition express their thanks to Barbara Rippa for making her home available for this meeting and for preparing an excellent meal for us.

Adjournment: The meeting was adjourned at 7 pm.

Submitted by Ted Marsden, Coalition secretary.

VERMONT STATE MATHEMATICS COALITION

Minutes of Annual Meeting of May 1, 2007

Waterman Manor, UVM, Burlington, VT

Call to Order: The VSMC meeting was called to order at 8:10 pm by Harvie Porter, Coalition Director. Attending the meeting were members Tony Trono, Bob Kenney, David Hathaway, Harvie Porter, Bob Chaffee, Jean McKenny, Charles Eyler, John Devino, Barbara Unger and Ted Marsden.

Approval of Minutes: The minutes of the Annual Meeting of May 2, 2006 were approved.

Financial Report: Bob Chaffee presented the Financial Report. The checkbook balance stands at \$22, 758.70.

The financial report was accepted.

Committee and Other Reports.

Summer Enrichment Program: Tony Trono reported that has a draft of the schedule of this summer's program. Again there will be 32 students in the accepted for the program, with 16 accepted through Jean Olson of the Governor's Institutes and another 16 accepted through the Coalition. The 16 selected through the Coalition do not pay to attend.

Talent Search Contest: An average of about 300 students submitted entries in each of the four tests. Over the year, there were about 500 different students who submitted at least one test. Tony brought up the issue of the large number of students who take part in the Talent Search Contest because their high school math teacher requires the participation of entire classes. The result is that there are many papers turned in by students who have little interest in solving the problems. Tony asked for suggestions that could reduce the number of papers submitted by students who have not made a serious effort. A suggestion was that the Information and Rules sheet sent with the test could include a note to teachers that they scan the papers to gauge the effort of students and mail to Tony the tests of all of the students who seem to have made an effort on the test.

Expanding Horizons: John Devino reported that he will be doing a survey of the volunteer speakers to get information from those who made presentations during the year. A suggestion was that Math Link could be used to increase the number of invitations made to the volunteer speakers.

Nominating Committee: Bob Kenney reported that Nominating Committee presented the name of Harvie Porter for election to another term as Director. Harvie offered to serve another term and was elected.

Website Information: David Hathaway reported that the new website is working well. There is more space available for posting information, and the site is easy to maintain.

Old Business: There was no old business conducted at this meeting.

Calendar: 1) The next meeting of the Executive Board of the Coalition is scheduled for Tuesday, September 18th at the home of Barbara Rippa.

Expressions of thanks: Members of the Coalition express their gratitude to Texas Instruments for the generous donation of the graphing calculators which were awarded to winners of the Talent Search contest. They also express their thanks to Nancy Schick of Texas Instruments for her effort in securing the gift and for attending our meeting to present the graphing calculators to the award winners. Bob Chaffee volunteered to send a thank you note to Nancy Schick and to Texas Instruments.

The members express their thanks to Tony Trono and Ted Marsden for their work on the Talent Search Contest.

Adjournment: The meeting was adjourned at 8:40 pm.

Submitted by Ted Marsden, Coalition secretary.

VERMONT STATE MATHEMATICS COALITION
Minutes of Meeting of February 13, 2007
Home of Barbara Rippa, South Burlington, VT

Call to Order: The VSMC meeting was called to order at 5:30 pm by Harvie Porter. Attending the meeting were members Tony Trono, David Hathaway, Bob Kenney, Barbara Rippa, John Devino, Harvie Porter, Bob Chaffee, Ken Gross and Ted Marsden.

Approval of Minutes: The minutes of the December 5, 2006 were approved.

Reports

Financial Report: Bob Chaffee presented the Financial Report. Gifts to the Coalition include \$700 from the AAUW, a gift in support of attendance of two girls at the Summer Enrichment Institute, with the donation arranged by Barbara Rippa. Bob also mentioned gifts of \$1000 each from Goodrich, Inc. and the Windham Foundation. The checkbook now has a balance of \$23,543.81, with no outstanding expenses. Included in the balance is \$17,007.65 for support of the Summer Enrichment Institute. The Summer Enrichment Institute of this summer will cost the Coalition about \$5000, leaving about \$12,000 to support future institutes. Part of the expense to the Coalition is the tuition charge of \$350 for each of the 16 students that the Coalition selects to attend.

The amount \$945.87 will be taken out of the budget line for Teacher Professional Development and moved to support the Expanding Horizons program.

The Financial Report was accepted.

Director's Report: The next Annual Meeting of NASSMC will be held on April 12 and 13 in Arlington, VA. Harvie Porter expressed his concern for the expense to the Coalition of his attendance at the NASSMC Annual Meeting. The response of members was that he should attend to represent the Coalition and that the Coalition should pay his expenses which are not paid by NASSMC. NASSMC pays the travel (flight) expenses.

Executive Director's Report: Bob Chaffee presented information about the annual meeting, which will be held on May 1 at Waterman Manor. Nancy Schick has arranged that she will attend the meeting and has approval from Texas Instruments that ten Texas Instruments calculators will be given to prize winning students in the Talent Search Contest.

Summer Enrichment Institute: Tony Trono reported on the program of the Summer Enrichment Institute. Tony and Jeff Dinitz are working on the schedule for the Institute. Included in the schedule will be a bridge building session and competition led by Professor Jean-Guy Beliveau, a faculty member of Engineering at UVM. Donald Richards, statistician, and Mercedes Richards, astronomer, both faculty members at Penn State University, are trying to arrange their schedules to teach at the Institute.

Tony mentioned Stan Rabinowitz of MathPro Press. Tony and Stan sometimes trade math problems. Stan wants to publish the UVM High School math tests and contacted Tony to see if he would be interested in writing solutions of the problems.

Tony mentioned that, along with over 300 students submitting papers in the Talent Search contest, there are two or three teachers who also submit papers. Tony mentioned that many high schools have never had any students participate in the Talent Search contest. He is looking for ways to get teachers at these schools to distribute the test.

Tony mentioned that, in preparation for the ARML competition held at Penn State, there have been three problem solving practice sessions for high school students. Teams from many states have members who regularly meet to practice solving problems and practice on the team aspects of the competition. Tony hopes that the practice will allow the students to develop their problem solving skills as well as getting to know each other better.

John Devino suggested that the VCTM conference should have a session on problem solving.

Coalition Website: David Hathaway described the new website and the background for the change in location of the website. The Coalition was not allowed to continue having a website through Vermont Institutes. The new site, which costs the Coalition \$77 per year, is better in many ways: There is plenty of space available for the Coalition to post material. Also, it is easier to post information at the site. The address is vtmathcoalition.org.

Information about Mathematics Programs and Courses for Teachers: Ken Gross presented some information about the Vermont Mathematics Initiative, VMI. Material developed for use in VMI courses is being used for courses offered to in-service teachers in several states across the country. Also, there will be a course to be offered to in-service teachers in many states and using material specially developed from the VMI material.

The VMI program is now offered to in-service elementary teachers, but there is an interest in expanding the program to high school teachers. There are now two high school math teachers enrolled in VMI, and they are excited about their participation. It is speculated that much of the material that was developed for elementary teachers can be used in its present form or with modest changes.

The Mathematics Department at UVM is considering the advantages of having mathematics teaching candidates receive their teaching training through the Mathematics Department.

New Members: There was a discussion initiated by Bob Kenney and Barbara Rippa about getting new members for the Coalition. Several people were discussed as potential members.

Annual Meeting: The annual meeting will be held on May 1 at Waterman Manor.

Thanks of the Members: The members of the Coalition express their thanks to Barbara Rippa for making her home available for this meeting and for her preparation of a meal for those attending.

Adjournment: The meeting was adjourned at 7:05 pm.

Submitted by Ted Marsden, Coalition secretary.

VERMONT STATE MATHEMATICS COALITION

Minutes of Meeting of December 5, 2006

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, Barbara Rippa, Ken Gross, Jean McKenny, David Hathaway, Harvie Porter, Bob Chaffee Bob Kenney, and Ted Marsden.

Approval of Minutes: The minutes of the September 14, 2006 were approved.

Financial Report: Bob Chaffee presented the Financial Report. The Governors Institutes of Vermont has paid \$9934.40 as their share of the cost of the Summer Institute. A check for \$1000 was received from Verizon in support of the Summer Institute.

As of today, the balance of the VSMC account is \$441.41.

Barbara Rippa reported that the American Association of University Women will again make a contribution to support participation by two girls at the Summer Institute.

The financial report was accepted.

Director's Report: Harvie Porter has nothing new to report. The NASSMC bill for annual dues of \$200 still has not been received. The bill will be paid when it is received.

Executive Director's Report: Bob Chaffee announced the date of the NASSMC annual meeting, which will be held on April 12 and 13, 2007. It is possible that Harvie can attend as the representative from the Coalition.

There is nothing new to report about Parent Link.

Talent Search Contest: Tony Trono presented some information about the first test of the 2006-2007 school year. On the first test, there were 35 students whose scores were 6 or higher out of 8 points. In all there were 382 students who submitted entries. The Test 2 was mailed to schools to arrive on November 21st, with students mailing in their solutions by December 19th.

Tony met with representatives of the Mergens Foundation. They may be preparing to continue their major support of the Summer Institute and the Talent Search Contest.

Tony reported on the results of the ARML math competition held at the end of each school year, with the Vermont team competing at Pennsylvania State University. Each team has 15 members, plus alternates. In the last competition the team of Vermont high school students again did very well. This continues the superior performance over the last six year, during which the team has averaging a finish almost in the top 40% of teams.

Tony reported that sessions have been organized to help high school students to practice solving problems of the type included on the ARML tests. One session of 2.5 hours has been held, with supervision by Tony and two faculty members from UVM: Jeff Dinitz of the Department of Mathematics and Statistics and Alan Ling of the Department of Computer Science. Tony is collecting information from the students who attended the session on what the

students liked and what they would like for other sessions. One idea for other sessions is that students will be separated according to their backgrounds in mathematics, so that all can optimally benefit from the sessions. A second session will be held on January 14th.

Expanding Horizons: John Devino was not able to attend the meeting. Reported for him is the information that the new brochure has gone out and is also posted at the website.

Old Business: There was no new business presented for discussion.

Information regarding professional development of elementary teachers in Vermont: Ken Gross presented information on the Vermont Mathematics Initiative, the original program and also the new program titled VMI Phase II. The Vermont Mathematics Initiative, first presented in the summer of 1999, is a three year program leading to a master's degree in elementary curriculum from the University of Vermont. By now there are about 200 elementary teachers from many different schools and communities in Vermont who have completed the program. Many of them have become teacher leaders in their schools, their school districts, and at the state level. VMI Phase II will expand the opportunity for teachers in Vermont to participate in a program of professional development in mathematics which has been specially designed to meet the needs of the elementary teachers in Vermont. In the spring of 2007 and in the summer, there will be course offered in Orleans County (in the Northeast Supervisory Union), and in Middlebury, South Burlington, and Rutland. The printed material for the course has been written by Ken Gross, with assistance from several people associated with VMI. This written material has been prepared for use in similar courses to be offered in other states. As of now VMI materials have been used in other states including Nebraska, New Mexico, and Massachusetts, and will soon be used in the states of Washington and Arkansas.

New Business: David Hathaway reported that some protocols have changed with respect to our use of the Vermont Institutes website. These new protocols make it more difficult to post information in a timely way. We may want to move our site.

Bob Kenney will head a committee to nominate a Director, with term to begin following the Annual Meeting.

Expression of thanks: Members of the Coalition express their gratitude to Barbara for offering her home as a location for this meeting.

Calendar: (1) The next meeting of the Executive Board of the Coalition is scheduled for Tuesday, February 13th at the home of Barbara Rippa.

(2) In preparation for the Coalition's Annual Meeting, Bob Chaffee will check with UVM to find the date of their Mathematics Awards Day. If possible, the meeting will be on May 3rd. When the date is selected, then Bob will invite Nancy Schick of Texas Instruments and Tony will invite representatives from the Mergens Foundation to attend the Annual Meeting.

Adjournment: The meeting was adjourned at 6:10 pm.

Submitted by Ted Marsden, Coalition secretary.

VERMONT STATE MATHEMATICS COALITION

Minutes of Meeting of September 14, 2006

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 Ken Gross, Tony Trono, Barbara Rippa, Bob Kenney, Harvie Porter, Bob Chaffee, and Ted Marsden.

Approval of Minutes: The minutes of the December 14, 2005 were approved.

Financial Report: Bob Chaffee presented the Financial Report. The Coalition's account at the Citizens Bank will be changed. Citizens Bank no longer offers an interest paying checking account to businesses or organizations. Bob will look into having a checking account with sufficient balance to pay bills along with a CD that will allow, with a week's notice, withdrawals for transfer into the checking account.

The NASSMC dues of \$200 haven't been paid yet.

Our balance for the 2006 year show that the Coalition with expenses exceeding income by \$5829.66. Income for the year will be much more in balance with expenses after the Governor's Institutes compensates the Coalition for expenses of the last Summer Institute which have been paid by the Coalition. The cost of the Summer Institute is about \$17,000, about equally shared by the Coalition and the Governor's Institutes. The Coalition's share of the expenses comes from donations to the Coalition in support of the Summer Institute. These contributors include the University of Vermont Provost's Office, the Vermont Space Grant, the Mergens Foundation, the Merchants bank, WCAX Television, and the American Association of University Women. The Coalition receives about \$700 for administrative costs associated with organizing and operating the Summer Institute.

The financial report was accepted.

Director's Report: Harvie Porter attended a meeting during July at the NASA site in Huntsville, Alabama. The meeting was organized by NASA to present information and material about their Explorers Schools Program. The three year program creates a partnership between NASA and school teams of educators and administrators. It was mentioned that North Country Junior High School is a Vermont school that has become a member of the Explorer Schools program.

Executive Director's Report: Bob Chaffee mentioned that the Vermont Parent Link list-serve now has 34 members including two teachers and one school administrator.

Old Business: None.

Summer Institute: Tony Trono reported on the latest Summer Institute. He indicated that the Institute was very successful. There was a discussion about the students who attend through an invitation from the Coalition and the students who attend after applying to the Governor's Institute. Tony's sense of the mix of students is that almost all of the students benefit from their attendance. Tony and Jeff Dinitz have begun preparing for the Summer Institute of 2007.

Tony reported on the performance of the team that represented Vermont at the 2006 American Region Math League (ARML), with the team competing at Penn State University. The team finished 57th of all 113 teams entered and finished 24th of the 79 teams in Division B. This is an outstanding performance for a team whose members do not have opportunities to practice together during the school year.

Tony also reported on the Talent Search contest. The first test is nearly prepared. It will be at schools on October 10th. Last year there were a total of 535 students who submitted solutions to problems from at least one of the problem sets. In previous years, the largest number of entrants was about 300.

On the subject of summer institutes or other summer programs for Vermont students, Ken Gross suggested that a summer program like that run by Jim Wright could be replicated at some sites around Vermont. Jim has visited the Coalition to discuss his program which is designed for students younger than those who attend the Summer Institute. It was suggested that the Coalition keep track of parents who make calls asking for information about summer programs for their children (or might try to find information through the Parent Link) and also keep track of teachers or others who might be interested in organizing a summer program.

Expanding Horizons: John Devino was not able to attend the meeting. He submitted the information that there were 31 requests for presentations and there were 20 presentations made during the school year.

New Business: None.

Calendar: The next meeting of the Executive Board of the Coalition is scheduled for 5 pm on Tuesday, December 5th at the home of Barbara Rippa.

The members of the Coalition wish to acknowledge the generosity of Barbara Rippa in offering her home as a meeting place for the Coalition.

Adjournment: The meeting was adjourned at 7 pm.

Submitted by Ted Marsden, Coalition secretary.



Minutes of Annual Meeting of May 2, 2006
Waterman Manor, UVM, Burlington, VT

Call to Order: The VSMC meeting was called to order at 7:35 pm by Harvie Porter, Coalition Director. Attending the meeting were members Tony Trono, Barbara Rippa, Bob Kenney, David Hathaway, Ken Gross, Harvie Porter, Bob Chaffee, and Ted Marsden.

The members express their thanks to Tony Trono and Ted Marsden for their work on the Talent Search Contest.

Approval of Minutes: The minutes of the Annual Meeting of April 26, 2005 were approved.

Financial Report: Bob Chaffee presented the Financial Report. Since the last meeting, there have been \$1525 in donations from the American Association of University Women (\$600), Mount Mansfield Television (\$500), and Merchants Bank (\$425). As of today, the checkbook balance of the VSMC account is \$21,563.57 The financial report was accepted.

Committee Reports.

Expanding Horizons: Bob Chaffee reporting for John Devino. John will compile a summary near the end of the school year.

Executive Director's Report: Bob Chaffee reported that there are 34 members of the Parent Link listserv, about half of them from the Coalition. David Hathaway will post information about Parent Link on the Coalition website.

Talent Search Contest: Tony Trono presented information summarizing the Talent Search Contest for the year. Over 500 students submitted solutions to at least one test of the four tests of the school year.

Summer Enrichment Program: Tony Trono reported on plans for this summer's program. There will be 32 students in the accepted for the program, with 16 accepted through Jean Olson of the Governor's Institutes and another 16 accepted through the Coalition. Those who are accepted by the Governor's Institutes submit two letters of recommendation as part of their application. Most of these students will have completed a course in Precalculus or calculus. These students pay to attend the program. The 16 selected through the Coalition do not pay to attend. The students selected through the Coalition (ordinarily) have been selected because of their participation in the Talent Search Contest, their outstanding performance on the UVM Mathematics and Statistics Department Test, their outstanding performance on a team in the two Math Leagues in the state, or on the Vermont team in the American Regions Math League contest at Penn State.

Election of Officers: There are two open positions to be filled at this meeting, the fiscal officer and the secretary. The Nominations Committee recommended Barbara Rippa as the fiscal officer and Ted Marsden as secretary. Both were elected to serve three year terms.

Old Business: There was no old business conducted at this meeting.

Calendar: 1) The next meeting of the Executive Board of the Coalition is scheduled for Thursday, September 14th at the home of Barbara Rippa.

Expression of thanks: Members of the Coalition express their gratitude to Texas Instruments for their generous donation of the graphing calculators which were awarded to winners of the Talent Search contest. They also express their thanks to Nancy Schick of Texas Instruments for her effort in securing the gift and for attending our meeting to present the graphing calculators to the award winners. Bob Chaffee volunteered to send a thank you note to Nancy Schick and to Texas Instruments.

Adjournment: The meeting was adjourned at 8:15 pm.

Submitted by Ted Marsden, Coalition secretary

Sept 18 5:00