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<http://www.vtmathcoalition.org>

**Executive Board Meeting**  
5 PM, Tuesday, September 19, 2023  
Room 116, St. Edmund's Hall, Saint Michael's College

Colchester, VT

## ***Agenda***

1. Call to order (Jean McKenny)
2. Roll call (Jean McKenny)
  - **Present:** David Hathaway, Spencer Backman, Judy McCullen, Jean Ohlson, Kiran MacKormick, Bob Chaffee, George Ashline, Elizabeth Frascoia, Steven Ushakov, John Devino, Jean McKenny
3. Approval of [Minutes of May 4 Meeting](#)
  - **Motion:** George (1st), Judy (2nd)
  - **Discussion:** none
  - **Vote:** unanimous, motion carries
4. [Executive Director's Report](#) (David Hathaway)
  - a. New website
    - There is some stuff that David did NOT migrate over (can see via the old site tab).
    - Now have a bio and pictures of presenters in Expanding Horizons, sections with different talks.
    - Now have Common Core Connections, pictures, & media with profiles.

- We'd like to invite various presenters to take a look at this as examples with the goal of having all presentations offer these same features.
  - Natasha Komarov is interested in joining this group.
  - Erin Silver interested in putting grant-writing certificates to use.
- Website comments/feedback:
  - Works well on mobile

b. Mailing list changes

- Previously, enthusiastic about capabilities of mailchimp
- A few days ago, we exceeded 500 subscribers (legacy account of GMC at 2,000), so now it costs \$27/month. \$27/month does not seem reasonable. Moved to doing this through the webmail associated with the website.
- Let David know if you did NOT get two emails.
  - It appears anecdotally like most folks EXCEPT for John, Jean got two emails.
  - David will send another email in a few days, send it two different ways within 5 minutes of each other and ask if board members received both emails.

5. [Financial Report](#) (David Hathaway)

- Last two columns are changes since may meeting, blue items are projection for between now and january meeting
- One note NOT on the financial report - heard back from ellen with space grant - yes, we can fund \$1000 - so should be an additional \$1000 in estimated income
- Also put out an ask to John Canning PCC (gave us \$5,000.00 last year)
- Did take salary through August with hopes to not set precedent as an unpaid position
- Since may, most of what we have gotten is income for Penn State trip (school team budgets)
- Upcoming expenses
  - Agreement to fund 10 students to send on scholarship

- It appears that we are better off than a year ago financially with recent decline
- Motion: George (1st), Kiran (2nd) to approve report
- Further discussion:
  - According to bylaws, someone should audit the books for VSMC.
    - Judy volunteers to audit the books.
- Vote: unanimous, motion carries

## 6. Committee Reports

### a. Governor's Institute in Mathematics – director search (Elizabeth Frascoia)

- Partnership in 2004, when the math institute already happened many years (estimated ~1995). GIV has been administering, getting students involved, identifying talented folks to participate.
- Our current director, Nicole, will not be able to return last year.
  - Long association with UVM
  - Want to make sure this goes out through networks of VSMC and its board members.
  - We'd love to have a new pool for potentially interested new directors.
  - Job description to be shared but highlights: 1 week long, but doesn't have to stay at UVM, doesn't have to be a professor or retired educator - anyone that is excited about working with young people (14-17 yo) who are passionate about the subject.
  - There is room for the director to make changes, and work alongside RA staff.
  - Currently they bring in presenters
  - Students have different levels in their mathematical experience but want to see young people excited and curious.
  - This is the only institute of GIV that has academic requirements: Geometry.
  - Field trip in 2023 to Beta technologies - lots of great ways to apply math.
  - All VSMC board members are welcome to visit on closing

day.

- The director's job is to plan this institute, meeting with
- Once the director is hired, the director hires the staff and then oversees faculty presenters and the RA team.
- Looking for someone that is great at managing groups, logistics, excitement about math, building community.
- Then after GIV, reporting back on successes, challenges of GIV.
  - Q: How many students usually attend the math GIV?
    - 48 AND still have a full waiting list
  - UVM is an expensive campus to host
  - Could potentially expand
    - \$4500 - \$5000 compensation paid at the end of the institute
    - Full 1-week residential commitment in the summer
  - Q: What are the other STEM-area institutes?
    - Engineering (Norwich U) - civil, mechanical, electrical
    - Environmental Science and Tech (UVM)
    - Technology & Design (Champlain) - game design, graphic design, cyber security
    - Health & Medicine
- It has doubled in size and there is great interest
- GIV serves ~500 students in recent years
- Elizabeth will share the job description
  - Can share with IEEE members, VSMC mailing list
  - This is the first time
  - Timeline - to hire before Thanksgiving
  - Steven communicate with VCTM members
  - State funding used to be high, then dipped and now improved for this coming year but most fundraising is at the individual level.
  - Students have a sliding scale tuition
  - Q: Governor's institute - why the name?
    - We are a non-profit, not a state agency. Based

on a national model of the Governor's schools.

- Q: Which week of the summer? Up to the person that is hired! And campus availability.

b. Talent Search (Kiran MacCormick)

- First test just went out two days ago.
- Evan has been promoted to associate teaching professor!
- Q: What is the process for getting the tests to the schools?
  - There is a list of students who did it last year (who are not seniors)
  - Math League coaches
  - Can send through VCTM!
- Q: Some more young women involved last year? Trends?
  - Started ~70 overall about 5 years ago, now down to about 20. Two girls in the top 10 last year.
  - Q: Is there anything that we can do to support that?
    - GIV happy to pass along to alums

c. ARML (Kiran MacCormick)

- ARML went great! Beat NH by default, Maine, West Virginia, many alternate teams.
- One of the largest groups (able to bring more kids)
- Some first students from schools
- The actual running of competition was challenging (e.g. doors locked, rooms unscheduled)

d. VCTM (Steven Ushakov)

- VCTM Conference pivoting to the spring (due to NCTM moving to fall alongside ATMNE): April 10th (Wednesday), 2024, just two days after the eclipse! The theme is "equity in the mathematics classroom."
  - **Currently there is a call for proposals for speakers:** <https://vctm.wildapricot.org/conference> (domain name issues, so currently we do not operate vermontmath.org) with a deadline of October 31, 2023.
  - Currently applying for grants to afford keynotes and professional learning series that lead up to the conference.
  - Likely to return to VTC Randolph Campus (now Vermont

State University)

- October 5th will be our annual meeting (due to conference pivot to spring). We will vote on a change to the bylaws (mostly due to calendar shifts) and appoint a slate of officers to fill vacancies that would otherwise exist until April.
- Math Fair making a return! February 3rd @ UVM. All K-12 students encouraged to submit a project: <https://vctm.wildapricot.org/vctm-math-fair>
  - Registration deadline of December 15th. Check out the website for inspiration from prior years!

e. Expanding Horizons (John Devino, David Hathaway)

New Expanding Horizons / Common Core links

- The website is a tremendous improvement from what we had before! Thank you to George (Ashline) for taking the lead on changes.
- Plan is to have other presenters provide the same CC connections, bio, talks, media as what George has created on the EH webpage.
- Right now we have 9 presenters (Daisy McCoy we have been unable to reach!)
- Natasha Komarov may be another person to reach out to as a possible presenter.
- Frustration of underutilization of the program (27th year of program!!!)
- Mid-May John Devino sent a survey with just YES/NO questions (over 200 high school teachers). Got 22 responses from 18 different schools out of ~80.
- John would appreciate having a current high school teacher work along with him as co-administrator (possible collab through VCTM).
- John usually sends out ~4 emails per year - fall, December, January, April. Is email the most effective way to reach teachers? We used to mail physical brochures to schools.
- Hesitant to go out and ask new presenters.
- Used to get 10-12 per year.
- Free to schools! Presenters may attend in person or do a zoom meeting.

## Strategize ways to enhance the Expanding Horizons program

- Facebook presence for the coalition?
- If we don't fit into their curriculum, then we don't have time to come visit.
- Idea: try to be specific in the subject line of email (mention: Vermont + perhaps a specific course)
- John plans to reach out to the folks that responded to the survey individually
- Consider contacting the principals, connect to equity them.
- VCTM zone representatives going one step beyond what they do in the classroom - can we email these folks and make a commitment to invite one presenter to a classroom this year?
- VCTM - important to get testimonials to share at the coming conference.
  - Perhaps when George goes up to Canaan he can get a quote/testimonial!
- Could we send the survey out in an online format (e.g. SurveyMonkey) versus a letter format?
- Can we leverage any connections of the presenters to get the word out?
- MathCounts (middle school level) - if you go to those events with some literature - these folks would be more enthusiastic about this than a usual teacher.
- First Robotics competitions - could share flyers there!
- VSAC doing career days and STEM fairs (one in northern, one in southern VT) via program called Gear-up; Jean has presented there in the past.
- J-term/YES (year-end-studies program) a great thing to explore as a natural fit for EH presentations - happening now in many schools including U-32, Burlington High, etc.

### 7. Old Business

- None

### 8. New Business

- None

9. Calendar

- January 16th (Tuesday) 7pm on Zoom

10. Adjournment

- Motion: Jean O (1st), Kiran (2nd)
- Vote: unanimous, motion carries