OAME Board of Directors' Meeting Agenda

Hilton Garden Inn,
2648 Steeles Ave. East, Brampton, ON L6S 6J9
March 22-23, 2019

Friday March 22nd, 2019

6:30 pm - 7:00 pm: Chapter Representatives meeting

Attendance:
David Petro, Jill Lazarus, Paul Alves, Sandra Jean Price, Anne Yeager, Liisa Suurtamm, Bart Van Slack, Melissa Black, Melissa Baker-Cox, Freda Liu, Jimmy Pai, Judy Mendaglio, Pamela Chun, Franca Genco, Cal Armstrong, Kathy Pilon, Glen MacDonald, Corrine Russell-Pritoula, Heather Theijsmeijer, Keith Auyeung (Sat.), Alvarine Aldridge, Lori Yee, Jacqueline Hill, Greg Clarke, Fred Ferneyhough, Lynda Ferneyhough. Guest: Gina Micomonaco (Friday)
Regrets: Bill Otto, Tim Sibbald, Mary Lou Kestell, Kathy Kubota-Zarivnij, Paulene Washington

7:00 pm – 7:45 pm: President's Welcome and Remarks: David Petro
Through Go To Meeting, David went over the Leadership event and led a Desmos Activity for board members.
7:45 pm – 9:00 pm: Board Standing Committees (separate agendas)
9:00 pm – 9:30 pm: Committee of the Whole
9:30 pm: Social in hotel bar

Saturday March 23rd, 2019

9:00 am – 9:45 am: GENERAL MEETING of the BOARD OF DIRECTORS

- **Approval of the Agenda**

There were two amendments to the agenda.
Outreach needed to add a motion pertaining to the lifetime membership award.
Based upon the outcome of the discussion regarding Mission/Vision/Values, we may need to adjust the timing of items.
It was moved by Pamela Chun, seconded by Elizabeth Pearson, that the agenda be approved as amended. Carried.

- **Approval of Minutes of the Board Meeting Oct. 12-13, 2018**

It was moved by Melissa Black, seconded by Elizabeth Pearson, that the minutes of October 12-13, 2018 be approved. Carried. The minutes will be posted on the website.

- **Financial Report** as at Feb. 28, 2019

Lynda Ferneyhough presented the Finances as of Feb 28, 2019.
She explained how the handling of the excess money is recorded and plans for the future for reserves and special projects.
WOMA will not receive their rebate for the 2017-18 school year as they have not met the conditions for a chapter in good standing.
Chapter Grants were given to SAME for a book study and to COMA for a strategic planning meeting in February. The Special Projects Reserve has requests in from other chapters – NOMA, ISOMA and SWOAME.
We have also approved to pay for the license for each chapter to have an online platform for their own

use for one year.

Special Projects grants are also being awarded to each Chapter and to each Board member to attend the OAME2019 conference.

Moved by Sandra Jean Price, seconded by Alvarine Aldridge, that the Financial Report be approved. Carried.

• **Notices of Motion:** (David Petro)

Outreach has deliberated and offers the following motion. Moved by Sandra Jean Price, seconded by Kathy Pilon, that Kathy Hall be awarded the Lifetime Membership award. Carried.

The Executive Committee forwards the following Motion:

The Board instructs SPaRC to prepare a motion for the AGM that replaces the Mission and Objectives with the following:

Mission

The mission of OAME/OAEM is to promote, support, and advocate for excellence in mathematics education throughout the Province of Ontario.

Vision

We envision a mathematics education community in which everyone experiences the relevance and beauty of mathematics through high quality, researched-informed, and engaging mathematical experiences.

Strategic Priorities

- Providing quality professional learning and resources
- Advocating for high quality, research-informed mathematics education
- Building a community to support mathematics education and opportunities to network
- Supporting all OAME members by providing value for membership
- Promoting and advocating for equity in mathematics education

Moved by Sandra Jean Price, seconded by Jill Lazarus. Carried (at Executive meeting)

Conversation:

One member felt that the Vision as stated does not connect to the Mission portion and provides no direction. This caused a great discussion regarding these statements. It was clear after some discussion that we have not arrived at a consensus.

It was decided to postpone the vote until later in the day in order to allow a smaller group of people to address the statements and decide upon a direction for the board to follow.

10:30 am – 12:00 pm: Board Ad Hoc Committees meeting

Reminder:

Ad Hoc Position Papers Podcasts & webinars (advocacy and public relations)

Ad Hoc Conferences (implementation of the prior Ad Hoc Conference Committee's final report recommendations, making the conference planner a living document, arranging for job postings and hiring of conference planner(s) (to start in 2020, for the 2023 conference))

Ad Hoc Document Management (maintain and post the latest versions of the critical paths and the constitution/by-laws/terms of reference, keep the website up-to-date (and new design), handle a historical documents clean-up)

Ad Hoc Technology (platform for on-line meetings and webinars, and to continue moving OAME's connectivity, communications and professional learning methods and capabilities)

Moved by Sandra Jean, seconded by Jill Lazarus, that the rotation for the conference sites be Toronto, London, Barrie and Ottawa, starting in 2023. The committee is still struggling with the job description of the person to be hired as the conference planner or chair. It was suggested that we also consider Kingston as a location, maybe in place of Ottawa.

12:00 pm Lunch

12:30 pm – 2:30 pm: Board Standing Committees

2:30 pm – 3:00 pm: Any last minute business

Standard Website – the Communications committee has been looking at a design for a website that would be used for all future conferences. The conference would use the identity "OAME Learns" and this would provide some consistency for the future. The start date has not been determined.

Following up from this morning, it was moved by Sandra Jean Price, seconded by Jill Lazarus, that SPaRC form a motion for the Annual General Meeting to address the following:

Mission

The mission of OAME/AOEM is to promote, support, and advocate for excellence in mathematics education throughout the Province of Ontario.

Vision

OAME/AOEM envisions an equitable mathematics education community in which everyone experiences high quality, research-informed, and engaging activities that promote critical thinking while fostering a positive attitude towards mathematics.

Strategic Priorities

- Promoting and advocating for equity in mathematics education
- Supporting all OAME members by providing value for membership, including quality professional learning, resources, and opportunities to network
- Advocating for high quality, research-informed practices while building a community to support mathematics education.

Carried unanimously.

3:00 pm: Adjournment – moved by Sandra Jean that we adjourn.

OAME2019 invitation: If you plan on attending the conference and arrive early enough on Wed evening, we welcome you to the Welcome Social at 7pm - midnight at Father and Sons in Ottawa across from campus: 112 Osgoode St , Ottawa.
The venue itself is a student pub and can hold over 200 for sit down dinner type stuff. We have reserved the upper room with a standing capacity of about 80, so that is the cap. It is currently full, however we do not anticipate a full house.
SO come and get your karaoke on!!

CHAPTER REPORTS:

The Ottawa Region Chapter (**COMA** - presently) had a very successful strategic planning retreat on February 8th and 9th. The group established a mission statement which outlines their mission, values and objective (while keeping in mind the guiding principles and objectives of OAME in general). We also began several sub-committees focusing on the interrelated topics of social media, professional development, networking, and outreach. Several concrete actions have been established in order to fully provide our members with robust learning experiences through funding made available post Ottawa conference. Junior Math Olympics will go as scheduled, but there will be no COMO running this year. Our group is also putting the finishing touches on the OAME annual in Ottawa.

GVMA is starting to prepare for our annual fall conference, which will be held in October. We have spent a considerable amount of time discussing ways to improve attendance, and we hope that some changes we are making will engage more members to show up to the conference.
We are in the process of trying to organize some professional development for elementary math teachers in our chapter, based on topics in which they have expressed a learning need. The idea is still in the early stages, and may take the format of a "lunch-n-learn" model or working with teachers during part of a

scheduled professional development day.

ISOMA had its annual conference at Bishop Strachan School. It began with a course level discussion amongst teachers followed by a series of volunteered sessions and topped off by dinner and a keynote by Dr. Jane Heffernan from York University covering topics in mathematical modelling and epidemiology.
On April 10th, ISOMA will host its annual inter-school competition hosted by Pickering College. [Ed: I don't think we call these Olympics anymore?]
Also on April 18th, ISOMA will be hosting a Leadership PD workshop by Rilla Clark, an Executive Coach and Facilitator in personal and leadership development. The workshop, sponsored by a grant from OAME, is free for OAME members from both public and independent schools.

NOMA has hosted a number of learning opportunities for its members since the fall. On October 23, 61 participants registered from 8 hub locations across Northeastern Ontario for a blended (face-to-face and virtual) session on spiralling in math. The session was recorded and has been shared with all NOMA members. One participant noted, "I really enjoyed the ability to have a session of valuable math PD offered in Timmins so I don't have to travel," which speaks to how well our blended sessions are being received.
In November, we hosted a double session with Marian Small on *Teaching Math Ideas with Intention*, for which 97 participants registered. The blended session was presented both face-to-face and virtually to 11 hub locations across the province. This learning opportunity was sponsored by the Mathematics Leadership Network. In December, we hosted the *12 Days of Christ**NOMA**s* Twitter challenge, which saw our number of Twitter followers jump from 170 before the challenge, to 244 at the end of the challenge. Our number of followers on the @NOMAmath account now totals 254.
In January, we officially launched the Members' Only section of the NOMA website (http://www.nomamath.ca), and in conjunction with the launch, we offered a contest for members to win $1000 toward attending OAME2019 (thank you to OAME for the additional funds to be able to do this). The members' only section continues to grow as we add videos from our blended learning sessions and member-generated materials.
Upcoming events include the NOMA executive attending and presenting *Networking Across Northern Ontario* at OAME2019. We are also planning another "annotation adventure" blended learning session for our membership, and plans are well underway for our chapter mini-conference in May.

PRMA is focused on planning the OAME 2020 conference.

In November 2017, **QSLMA** hosted our fall Mini-Connect. We had two Keynotes – *The Challenge of Meaning-Making and the Trolley People: Empowering All Students to Become Effective Thinkers in Mathematics* by Cathy Marks Krpan and *Building a Thinking Mathematics Classroom* by Peter Liljedahl. ParticIpants were able to choose a follow-up breakout session by either presenter. Dinner and lots of door prizes were included with the evening. We also had a draw to choose someone to attend the annual OAME conference in Ottawa.
Our President, Melissa Baker-Cox continues to produce the newsletter to keep our members up-to-date on the OAME events.
We will be hosting a Spring Mini-Connect on April 4th. Our spring conference will feature breakout sessions from local teachers. At this conference, our draw will be to choose someone to attend the Leadership conference in the fall.

It has been a busy time from September to March for **SAME**. Currently, we are gearing up for both the Scarborough Individual Math Challenge and Scarborough Math Olympics. The objective is to generate memorable events this April. We are hosting two well-attended book study groups for both Elementary and Secondary teachers. Elementary teachers are reading and actively engaged with the book "*Making Number Talks Matter*" and the Intermediate/Secondary Book club centered on the title "*Visible Learning for Mathematics*". Planning and preparation are well underway to co-host OAME2020 with PRMA. Finally, we are excited to attend the Ottawa OAME conference to job shadow in May.

OTHER REPORTS:

NCTM:

OTF/MoE:
The OTF/MoE sessions that traditionally meet 3 times has not been meeting this year because the Ministry is not participating. The OTF did, however, run their annual Curriculum Forum without Ministry participation, on Feb 8, 9. The OTFCF brings together 50+ subject associations from Ontario, along with the OTF's Federation partners. Each subject association shares updates from their association. It was a full two days, with presentations and workshops from the OTF, AEFO, OECTA, and OSSTF. If you are interested in hearing more, contact Judy Mendaglio.

FIELDS INSTITUTE:
The Fields MathEd Forum has continued to offer free programming on the last Saturday of the month. January was Research Day, and there was a wide variety of topics among the presentations and posters. Cynthia Nicol, who is from the University of British Columbia and who works in Haida Gwaii communities, shared her research on the roles mathematics can play for community resilience, innovation and human-ecological justice.
February was the Margaret Sinclair Award lecture. This year's award recipient, Peter Liljedahl, spoke about his research on Thinking Classrooms. Three classroom teachers, from 3 different Ontario boards, presented their experiences enacting Thinking Classrooms.
All Forum meetings are live streamed and presentations are archived on the Fields site. To stay up-to-date on upcoming events, visit http://www.fields.utoronto.ca/activities/18-19/mathed-forum, join their mailing list, and follow them on Twitter @FieldsMathEd.

MATH KNOWLEDGE NETWORK:
Recent and Upcoming CoP events:

- Leadership CoP: February: *Math Minds: Transforming Mathematics Education* feturing Brent Davis (archived on Fields Institute website)
- Computational Thinking and Mathematics CoP:
  - February – Mid May: Computational Modelling at Wellington CDSB Math and Coding Workshops at St. Patrick's Catholic School (February-May)
  - April – May: Math and Coding Webinars for K-10 teachers
  - April: Math and Coding Webinars for K-10 teachers
  - Mid May: A Webinar by Andy diSessa (Berkeley) on Computational Literacy
  - Ongoing: Math and Computer Science Integrated Program
- Indigenous Knowledge and Mathematics CoP workshops: April -- Anongoohns Kendaasiwin - Revitalizing the Art and Science of Star Knowledge: A Gathering of Indigenous Knowledge, Mathematics, Science and Youth + Knowledge Sharing Exchange and NASA Goddard Media Studios workshop.
- Critical Transition CoP: August: Early Years Critical Transition Team hosts a Professional Development Conference for primary teachers at Queen's University.

To stay up-to-date on upcoming events, activities, and resources, please visit mathnetwork.ca, join their mailing list, and follow them on Twitter @mknrcm.

COMMITTEE MINUTES:

CHAPTER REPRESENTATIVES

Chapter	**What worked GREAT?**	**What question do you have?**	**What's New / Interesting?**
CHAMP		Does anyone have great experiences to share re	CHAMP OMO Sat April 13. TEAMS has invited Chapters in the GTA to

		running a book club? Is it time to review the Constitution et al re the requirement that every chapter have an OMO Chair? (See By-Law 6.1.2)	participate in a regional OMO. "GTA OMO" which will take place June 1st, 2019. They will host this year, and any partnering Chapters will host in subsequent years. We will keep you posted.
COMA	Strategic retreat: mission statement, goals, visions, and financial planning; Social; JMO, new version of 'math day' to replace OMO		Strategic planning retreat, rebranding, Newly created 'math day' for junior grades (?) - pilot to come $O_3$4ME
GOLDEN			April Mini-conference coming soon! Planning is in progress
GVMA		What ideas do other reps have for improving attendance at chapter mini-conferences?	We are planning for our annual mini-conference in October.
ISOMA	January mini conference was successful at Bishop Strachan.	Any help with treasurers, especially as we are theoretically non profit.	April 18th, ISOMA will be hosting a Leadership PD workshop by Rilla Clark, an Executive Coach and Facilitator in personal and leadership development. Max 30 participants. Email elouie@branksome.on.ca to register (no cost)
MAC2	We have had some executive only meetings to brainstorm ways to revitalize meetings. (F2F and virtual). Have switched to an alternating monthly schedule for meetings - one month is a planning meeting, with a math appetizer, the alternating month is all math all the time (no boring minutes / financial report / planning / discussions)		Next MiniConf - Apr 16th - with the amazing Heather Theijsmeijer as keynote speaker!
NOMA	Had a great double workshop session with Marion Small in November - great hub location participation & feedback. Did a December Twitter challenge with @NOMAmath and raised our number of followers from 170 to 244 (currently at 263 & continuing to grow!).	We're wondering if any other chapter has a bank account that allows for e-transfer deposits… we are looking to change to one that does! Also… we are looking to find an efficient way to monitor who our new members are each month, so we can reach out and welcome them.	Planning for upcoming mini-conference May 4 in Sudbury. Maybe an upcoming book study in June/summer?
NWOAME	Math Night featuring one of our members Dr. Ann Kajander. interactive workshop exploring the conceptual gaps in the mathematics curriculum and textbooks. Participants investigated the ideas around division of zero, fraction division		Offering prizes for our Math Olympics in lieu of the past prize "all expense paid trip to provincial OMO". WE will including a grade 6 non-competitive division again this year. Grade 7 and 8 will include group problem solving, games and individual "quiz".

	and area of a circle.		
PRMA			We are working hard planning OAME 2020 with SAME.
QSLMA	Successfull fall mini-connect with Peter Lielidahl and Cathy Marks Krpan	Ideas about attracting new members	Mini-conference coming up on April 11th
SAME	We are hosting two well-attended book study groups for both Elementary and Secondary teachers. Elementary teachers are reading and actively engaged with the book "Making Number Talks Matter" and the Intermediate/Secondary Book club centered on the title "Visible Learning for Mathematics".		We are also working hard planning OAME 2020 with PRMA.
SWOAME	We have had several Webinar-meetings in a central location for OAME webinars (M. Small and Mark Chubb) - this is an easy way to meet members	We are having a Saturday workshop featuring Graham Fletcher coming up in April. There has been a series of workshops devoted to Desmos.	Slowly but surely we are planning for OAME Conference in Windsor
TEAMS	TMO (TEAMS Math Olympics) coming up Apr 13th		
WOMA			
Y4MA	Math Pub Night - March 28th with Cathy Chaput planned but has been cancelled due to lack of registration We are running an intermediate math olympics on April 24th with 13 teams registered so far.	How do we recruit new members?	

COMMUNICATION

CURRICULUM

Attendance: Corrine Russell-Pritoula, Liisa Suurtamm, Anne Yeager, Gina Micomonaco, Pamela Chun, Jill Lazarus, Alvarine Aldridge, Elizabeth Pearsall

1. **Assessment Abby**
   We decided to continue to send AA for every other publication to enable this committee to work on other projects but we wonder whether this column is of interest to membership. We discussed possibly surveying membership to find out. We completed another article for the Gazette.
2. **Discussion on the government's Fundamentals document:**
   We looked at these last meeting because one of our Assessment Abby was based on them as a resource.
   http://www.edu.gov.on.ca/eng/parents/min_math_strategy.html
   http://www.edu.gov.on.ca/eng/teachers/teacher_guide_math_en.pdf
   Need time to read it. Depending on the length perhaps several sections could be read by several people and report to the whole?
3. **OECTA Article**
   OECTA asked for an OAME ad or article for a future publication. We wrote an ad for the OECT publication and sent it to the Executive to review before submitting to the publication. This application deadline for the next issue is April 12th (Ads are April 12 & Content April 15).

4. **Grade Specific Resources**
We reviewed links on the OAME website, recorded links that work/don't work, and recorded suggestions for organizing "Classroom Resources," including adding a "Resources from Our Members" link within the Grade Specific Resources link.

OUTREACH

SPaRC

AD HOC POSITION PAPERS & WEBINARS

AD HOC CONFERENCES

Attendance: Alvarine Aldridge, Bart Vanslack, Cal Armstrong, Glen McMillan, Feda Liu, Jill Lazarus, Sandra Jean Price

Action items:

1. Share location rotation with chapter reps/presidents at the June Board meeting.
2. We need to prepare a conference planner description by the end of the June Board meeting.

Agenda Items

1. Implementation of Ad Hoc Committee report

We recommend the following 4 fixed locations with the rotation starting in 2023.

- 2023 - Toronto - Humber
- 2024 - London - Fanshaw
- 2025 - Barrie - Georgian
- 2026 - Ottawa - Ottawa U (possibly Kingston?)
- 2027 - Toronto - Humber
- 2028 - London - Fanshaw

Issue is with how to balance the composition of the organizing committee and distribution of profits. Since we will have a conference planner, should chapters (joining other chapters) still apply to host now that they have support? We can run into the same issue with chapters not coming forward to host, however? Or should the conference planner/chair compose a team of people from different chapters and attach certain committees to local

Ownership Issue: How do we equitably share contributions/profits? Ideas.

- Every 4 years chapters in the region get a share of the profits.
- Organizing team to determine vision.
- Locations are only to get most people to attend. Any chapter can apply to host.

2. Arrange for job posting and hiring of conference planner(s) to start in 2020 for the 2023 conference.

We are unclear on whether the conference planner is a chair, like Wayne was for 2018. We will post the job application for 1-2 people and tap people. Below are some of the ideas that arose during our conversation.

- Planner Role/Chair Role? (more of an event planner)?
    - Every two years this person takes the lead on planning operations
    - We need to promote equity and opportunity in terms of who is recruited for conference committees.
        - Equitably spread out profits across chapters
        - Deal with facilities, timelines,
    - This person takes care of facilities and coordinate between committees.
    - Planner sends list of who they need (committees) to the Board.
    - Composes a committee of appointed chapters
    - Conference planner should be flexible - choosing people from different chapters.
- Chair Role - takes ownership for the conference

- Rotation between chapters
- Program (done off site). Tells planner what they need. We also need continuity in program (e.g., past presenters)

AD HOC DOCUMENT MANAGEMENT

AD HOC TECHNOLOGY

Objectives Maintain and post the latest versions of
- the critical paths
- constitutions/by-laws/terms of reference

- Keep the website up-to-date (and new design)
- Handle a historical documents clean-up

Questions and Actions

1. Maintain and post latest versions
- Who has access to the critical paths?
  - Board members have access to critical paths, not all membership. Google Drive for storage.
- access to constitution/by-laws/terms of reference?
  - Why would we not show?
- Where does the constitution/by-law/terms of reference go?
  - Should go under 'about OAME'
  - To be updated.

2. Website up-to-date
- What does up to date mean?
  - Awards - to be done by outreach
  - Nominations - done by execs
  - Gazette - Communication
  - (Greg - to be delegated) Chapters - to combine the 3 directories, locator, chapter summary to 1 or 2 pages. To keep chapter rep and president. to remove 'treasurer, secretary, past president, website coordinator etc '. To remove phone numbers, to modify emails to reflect current changes (as per google).
    - To contact chapters and ask them to update their webpages/twitter/whatever they're using.
  - (Greg - to be delegated) Chapter Conferences: to be updated
  - Classroom Resources - Curriculum Committee
  - Professional learning (leave but to be revisited)
  - Publications (to be revisited)
- What can we do with new design?

3. Historical documents
- *Establishment of protocols*
  - Sign confidentiality agreement indicating: they will not take away any information that are taken from these files - mailing addresses, phone numbers.
  - Look for phone numbers, mailing addresses, e-mail addresses that don't end 'oame.on.ca'
  - Overlap with a black box (either online or hard copies)
  - Put back into the archives (to Greg)
- Previous idea of enlisting students to handle review of documents (e.g. Gazette, GUM)

Minutes

Latest versions of constitution is not online. Fred is responsible for giving us the up to date version and to put online.

Written/Oral Reports

- Outreach- Sandra Jean Price & Paul Alves
- Communications – David Petro
- Chapter Reps- Lynda Ferneyhough

- SPaRC- Bill Otto
- Curriculum Committee- Jill Lazarus
- Executive Directors' Report –EDs
- Leadership 2018- David Petro
- Ministry of Education- Alison Macaulay
- OTF/MoE Subject Association- David Petro/ Judy Mendaglio
- NCTM- Jacqueline Hill
- Nominations- Jill Lazarus
- Fields Institute – Paul Alves/ Judy Mendaglio
- Math Knowledge Network – Judy Mendaglio
- OMCA – Bart Vanslack