OAME Board of Directors' Meeting Minutes

Holiday Inn Hotel, Toronto Int'l Airport
970 Dixon Rd., Toronto
416 674-4342
Oct. 16-17, 2015

Attendance:
Executive: Paul Alves, Tim Sibbald, Judy Mendaglio, Bill Otto, Sandra Jean Price
Directors: Jung Choi-Perkins, Pat Kehoe, Jill Lazarus, Bill Lundy, Bart Vanslack
Chapter Representatives: Amanda Laxton (CHAMP), Melissa Black (COMA), Pamela Chung (Golden), Charlotte Aust (ISOMA), Pauline Washington (MAC^2), Corrine Rusell-Pritoula (NWOAME), Denise Filopovic (NOMA), Lori Yee (Pine Ridge), Freda Liu (SAME), Kathy Pilon (QSLMA), Christine Sasso (SWOAME), Katelyn Beecroft (WOMA), Alvarine Aldridge (TEAMS), Chi Hang (Y4MA).
Appointees: Greg Clarke, Lynda Ferneyhough, Fred Ferneyhough
Regrets: Vincent Glavine (GVMA), Dan Jarvis, Pat Kehoe, Mary Lou Kestell, Kathy Kubota-Zarivnij, Todd Romiens, Anne Yeager.

Afternoon PD – the board was treated to a session on email and MCIS training led by Greg Clarke and Kathy Pilon during the afternoon and the Chapter Representatives meeting at 6:30 immediately after.
President's Message: Tim asked some of the executive members to introduce new members. Amanda Laxton from CHAMP, Katelyn Beecroft from WOMA, Alvarine Aldridge from TEAMS and Corrine Russell-Pritoula from NWOAME.
He continued on to indicate that some issues are continuing with relationships with teachers' federations that are affecting the attendance for the Leadership Conference, and possibly conferences of several other subject associations.
He indicated that we are still adjusting to the new board structure and we need to support chapters and chapter representatives. We need to get ourselves working together more effectively.
Tim summarized some of the responses from the survey from the June board meeting.

- online OMO
- welcoming new members to chapters and keeping track of who's membership has lapsed
- online board meetings
- critical paths
- if events are funded, reports should be received that reflect what took place
- health of chapters – we are concerned about a few chapters

Going forward, we have initiated a number of conversations with other math organizations in Canada about how we might cooperate in the future.
Tim suggested connectivity is his primary focus for the year.
Lynda Ferneyhough discussed housekeeping items. She highlighted the details about covering the cost of supply teachers.

Reports:
OAME 2015 – Wayne Erdman submitted a 33 page report on the recent conference (attached as a separate attachment). It was an overwhelming success for participants. This was a challenge due to the fact that this was not run by a local chapter but by the board members. The chairs of the next two conferences in Barrie and Kingston met with Wayne this morning.
The program was outstanding and well received. We had a new type of program featuring threads. Registration went extremely well and people were processed very quickly. The people who registered very early were given

first choice at conference selections. The e-conference was well received. The Ignite sessions were popular as were the keynotes speakers. We had 1307 paid participants, which was low due to the labour issues.
The only disappointment was that the conference lost money. A large sum of money was lost due to people who were required to withdraw shortly before the event.
Wayne recommended that many of the discounts offered caused issues.
Wayne thanked the board for the opportunity to lead the event and offered to do it again in 2020.
OAME 2016 – Greg Clarke discussed some plans for the spring conference in Barrie at Georgian College. Some special events were highlighted. Some issues concerning the e-conference were highlighted. Bruce McKay put in a pitch to encourage chapters to consider hosting for 2018 and 2019. He highlighted some of the resources that MAC^2 will have available to chapters considering hosting. Board members were encouraged to get their chapter members to consider presenting.
OMO 2015 – Melissa Black reported on the success of the event held at Carleton University. Aside from the fun that the children had, the event made a profit, and a cheque was presented to OAME. Thanks so much to Melissa and Linda Lofaro, the co-chairs of the event. OAME presented two plaques to the co-chairs.
2015 Leadership Conference. Tim reports that the labour issues are having an affect on registrations with only about 50 people registered. Registration will close on November 2. Encourage people to attend.
NCTM Report: Todd Romiens was ill but submitted a report in print. We are sending president-elect Judy Mendaglio to the NCTM conference in San Francisco.
Nominations: Paul Alves as past-president is the chair of the nominations committee. He presented a slide show about the process. Paul outlined the needs for the next year and the deadlines for elections.
Ministry Report: We welcomed Connie Quadrini back to the board to represent the ministry. Connie indicated that some things coming from the ministry have been put on hold due to the stress in schools. (http://www.edu.gov.on.ca/eng/policyfunding/memos/oct2015/support_partners.pdf) However, new resources have been developed and posted, ie: Math and Motion. Some Spatial Sense and Reasoning videos have also been posted. There is lots of new material on Fractions posted based on the work of Ruth Beatty and Shelley Yearly. When the labour situation is resolved, Adobe Connect sessions will resume.

General Meeting of the Board of Directors
Approval the Agenda: Moved by Bill Otto, seconded by Bill Lundy, that the agenda be approved. Carried.
Approval of Minutes: Moved by Bill Otto, seconded by Paulene Washington, that the minutes of June 5-6, 2015 be approved. Carried.
Financial Report for 2014-2015: Lynda Ferneyhough spoke to the Financial Report for the last fiscal year. An auditor's report has been received and is available if anyone wishes to have some good material to put them to sleep at night. The report does not include all of the income for the Annual Conference. She noted that the Gazette advertising is all but over as publishers and bigger companies are no longer advertising and explained some of the details pertaining to income and expenses. Moved by Paulene Washington, seconded by Pamela Chun, that the financial report for 2014-2015 be approved. Carried.
Proposed Budget for 2015-2016: Lynda Ferneyhough presented the proposed budget for 2015-2016 and explained some of the details. It was moved by Pamela Chun, seconded by Sandra Jean Price, that the proposed budget for 2015-2016 be approved. Carried.
Notices of motions:
The motion was changed. The honoraria was increased to $27 000.
Moved by Bill Otto, seconded by Bill Lundy, that the Executive Directors' honoraria be $27, 000.
The motion was passed unanimously.
Moved by Sandra Jean Price, seconded by Pamela Chun, that the percentage amount for Chapter Rebates be 30% for full and retired members and 0% for student members. Carried.
Motions will come from SPaRC and Communications later in the meeting as well as a motion to increase the membership fee.
Committees met for two hours to consider their business. At the end of this time, motions were presented by SPaRC and Communications for consideration after lunch.

Changes needed for Annual General Meeting
Moved by Bill Otto, seconded by Pat Kehoe, that the timing of the Annual General Meeting be changed from occurring during the annual conference to taking place following the end of the fiscal year. Carried.

Moved by Bill Otto, seconded by Pat Kehoe, that the following notice of motion be forwarded to the Annual General Meeting to be held in May 2016. Carried unanimously.

Constitution 7.2.2 The voting members of the Board of Directors shall be elected in sufficient time for the results to be announced at the Annual General Meeting in the manner prescribed by the Bylaws.	**Constitution** 7.2.2 The voting members of the Board of Directors shall be elected and the results reported to the membership in the manner prescribed by the By-Laws.

Moved by Bill Otto, seconded by Pat Kehoe, that the following changes be made to the existing By-Laws and Terms of Reference. Carried.

By-Law 2: Meetings 1. An Annual General Meeting of OAME/AOEM shall be held in conjunction with the Annual Conference.	**By-Law 2: Meetings** 1. An Annual General Meeting of OAME/AOEM shall be held following the end of the fiscal year. The timing and format is to be determined by the Executive Committee.
By-Law 9: Terms of Office of Officers and Directors 1. The term of office for each of the President-Elect, the President and the Past President shall be one year. The term of office of each of the Vice Presidents shall be three years. In each case the term begins on September 1 following the Annual General Meeting at which the election of the Officer is announced. 2 In order to preserve continuity, the Executive may assign a term of office less than three years to open Vice President Positions. When elections are held for more than one Vice President position, and one or more of the positions are designated a term less than three years, the candidates for Vice President will be assigned these positions based on the number of votes received. That is, the candidate receiving the highest number of votes receives the position with the longest term and continuing in descending order to fill the remaining positions. 3. The term of office for each elected position on the Board of Directors shall be three years, beginning at the termination of	**By-Law 9: Terms of Office of Officers and Directors** 1. The term of office for each of the President-Elect, the President and the Past President shall be one year. The term of office of each of the Vice Presidents shall be three years. In each case the term begins on September 1 following the end of the fiscal year in which the election was held. 2 In order to preserve continuity, the Executive may assign a term of office less than three years to open Vice President Positions. When elections are held for more than one Vice President position, and one or more of the positions are designated a term less than three years, the candidates for Vice President will be assigned these positions based on the number of votes received. That is, the candidate receiving the highest number of votes receives the position with the longest term and continuing in descending order to fill the remaining positions. 3. The term of office for each elected position on the Board of Directors shall be three years, beginning on September 1 following the end of the fiscal year in

the Annual General Meeting at which the election of the Director is announced.	which the election was held.
By-Law 21: Annual Conference 2. The OAME/AOEM Annual General Meeting shall be held in conjunction with the Annual Conference. In years when an NCTM Annual Regional is held in Ontario, an OAME/AOEM Annual General Meeting may be held in conjunction with it. (This also needs to be adjusted.)	**By-Law 21: Annual Conference** This point is to be deleted. It is redundant.
Terms of Reference Page 27 The Executive Director(s) shall… (c) Present an interim financial report at the Annual General Meeting and a final financial report in the December Gazette.	Terms of Reference Page 27 The Executive Director(s) shall… (c) Publish and present the final financial report at the Annual General Meeting and in the first issue of the Gazette following the Annual General Meeting.

Moved by Bill Otto, seconded by Pat Kehoe, that the following change be made to By-Law 6. Carried.

By-Law 6: OAME/AOEM Chapters In Good Standing	
2. The Executive Committee shall bring forth a list of Chapters in Good Standing to the Annual General Meeting to be approved by the membership.	2. The Executive Committee shall report a list of Chapters in Good Standing to the Board of Directors and to the membership at the Annual General Meeting.

We need to add the idea of proxy for the AGM in our future deliberations.

Communication motions.
Moved by Tim, seconded by Christine Sasso, that:

It is proposed that the OAME supply a digital copy of each Gazette via a URL/Login to the following members of the mathematics education community:

a. The executive director of the Canadian Math Society (CMS, https://cms.math.ca)

b. The president of the Canadian Mathematics Education Study Group (CMESG, http://www.cmesg.org)

c. The president of the Mathematics Council of the Alberta Teachers' Association (MCATA, http://www.mathteachers.ab.ca/index.html)

d. The president of the Mathematics Teacher Association: Nova Scotia Teachers' Union (http://mta.nstu.ca)

e. The president of the Saskatchewan Mathematics Teacher Society (http://smts.ca)

f. The president of the Manitoba Association of Mathematics Teacher (http://www.mamt.mb.ca)

g. The president of the Ontario College Math Association (OCMA, www.theocma.org)

h. The president of the Association Francophone pour l'Enseignment des Mathematiques en Ontario (AFEMO, http://afemo.on.ca)

Statement for presidents and executive directors of other organizations. This is to follow a preamble:

- "This publication is being provided to you as the president or executive director of your organization for your personal use within that role. Please be advised of the copyright restriction outlined at the beginning of the Ontario Mathematics Gazette."

To be included in the Gazette (modified statement – not part of motion)

-"No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of the publisher, except in the case of brief quotations embodied in critical reviews and certain other noncommercial uses permitted by copyright law. Full credit must be given to the author and to the Ontario Mathematics Gazette. For permission requests contact the editor of the Ontario Mathematics Gazette."

Carried unanimously.

Moved by Tim, seconded by Christine Sasso,

It is proposed that the communication committee consider having OAME offer a new kind of digital membership requiring all of the following:

a. Cost the same as a student membership (For financial simplicity)

b. Only be available outside Ontario

c. Only available to members of another Canadian math association from the following list.

1. The Mathematics Council of the Alberta Teachers' Association (MCATA, http://www.mathteachers.ab.ca/index.html)

2. The Mathematics Teacher Association: Nova Scotia Teachers' Union (http://mta.nstu.ca)

3. The Saskatchewan Mathematics Teacher Society (http://smts.ca)

4. The Manitoba Association of Mathematics Teacher (http://www.mamt.mb.ca)

Note that there are other potential organizations but this list is proposed as a starting point. Other organizations could be added in the future through recommendation to the Communications Committee and approval by the board of directors.

The availability of this form of membership would be based on the provided street address being outside Ontario. Membership in the other organization would be based on a code supplied to the out of province organization that would have to be provided at the time of membership. It is noted that it is possible to slip through the requirements, however, the approach is believed to balance the level of effort required to police the requirements with the potential benefits of increased membership.

Carried unanimously.

Moved by Tim Sibbald, seconded by Paul Alves that: the membership fees to be changed to: digital-$50, regular-$65, out-of-Canada- $85, student and retiree memberships unchanged. This new fee schedule to be implemented Jan. 1. 2016. Carried. (The new rate not to be changed for OAME2016 memberships with registrations).

Curriculum Committee is preparing an activity for the February board meeting and wants to know if Friday is better than Saturday for an activity that would take about 90 minutes.

Outreach Committee had nothing for the board to consider.

The Executive Committee received a letter of concern from the organizing committee of OAME 2016 in regards to the E-Conference. In a letter from the committee, they stated that they recognized the value of the event, but also indicated that it would lose a large sum of money. In order to assist with this event, it was

moved by Paul Alves, seconded by Tim Sibbald, that a grant of $5 000 be provided to MAC^2 to assist with the costs of running the E-conference. Passed with one abstention.

Moved by Bill Otto, seconded by Bill Lundy, that we adjourn. There being no objections, everyone left!

Written Reports and Minutes from Chapters, Conferences, NCTM and Committees

CHAPTER REPORTS

This past year, we at **CHAMP** spent much of time planning and re-organizing the chapter.
Our meetings included several new faces and amazing new ideas. The committee members spent some time redesigning and update the website. This new website was refreshed to reflect recent developments in the chapter and to include an OMO archive. Additionally, we decided to refresh the OMO Contest layout and question bank. On our website, we added a video of a former OMO mathlete who describes how she felt being part of the team competition. We ran OMO in two new satellite locations, which offered teams choices by geographic location rather than school board (as was our traditional structure). We also changed the questions where they reflected greater use of multimedia. Two teams were sent to the provincial OMO. We also began exploring a possible relationship with Sheridan College. I would only add this is there is a sense that this will proceed in the coming year. We continue to collaborate and discuss a possibility of running the OMO Provincials in 2017 within our chapter. Stay tuned. Finally, many of our Chapter's executive members were kept very busy as members of the OAME2015 Organizing Committee, helping to pull together this enormous conference within very tight time constraints. Our experience with organizing OAME 2014 was extremely valuable in helping make this conference a success.

COMA Welcome Back Social: Held at the Centurion Centre on Colonnade Rd. in Ottawa. Our guest speaker this year was Dr. Marian Small who presented a session on how to address parents' questions at Math Information Nights/at Math Information Nights. We drew prizes for our "Pay-It-Forward" Contest as well as other door prizes. We had our biggest crowd ever – over 100 people who were excited to take advantage of an opportunity to network with their peers while being treated to a wide assortment of hot & cold hors d'oeuvres and beverages.
Annual Ron Bender Mini-Conference: their peers while being treated Held at the University of Ottawa SITE (Engineering) Building. This annual event draws teachers from across Ottawa and surrounding areas. Ron Lancaster of OISE was our keynote speaker, presenting "Recreational Mathematics". Breakout sessions were presented by Chris Allum from Investors Education Fund,. Barry Ferguson from CEMC at U of Waterloo ("Problem Solving"), and Joan Row and Susan Davidson from OCDSB Curriculum Services ("Math and Art"). We had a good turnout for the Publishers' Display and for the wrap-up luncheon at Draft Pub on campus. There has been some discussion around changing the venue for next year to a school board site (OCDSB or OCSB), or merging it with the Fall Social, due to the fact that the mini-conference is not generating as much interest or attendance as in years past.
Valley Forum: Due to time constraints, we were unable to offer a Valley Forum this year. Plans to host one in Carleton Place (UCDSB) were put on hold for next year.
Carleton-Ottawa Math Olympics: COMO ran successfully with two new cochairs, Linda LoFaro and Matt Brash. As OMO was in Ottawa this year, COMO proposed to send the top three teams to OMO. CO MA is very pleased to support 3 teams for this event this year.
OMO: COMA was very proud to host "OMO 2015" at Carleton University – June 5th - 6th. Co-chairs Melissa Black and Linda LoFaro and their amazing team of committee members and volunteers wish to thank all those chapters who participated. Both the mathletes and their coaches/chaperones enjoyed an exciting weekend in Canada's capital!

Annual OAME Conference: A successful conference was organized and hosted by the OAME Board of Directors this past May. For the second consecutive year the conference was held at Humber College in Toronto. Once again, COMA held our "Pay-It-Forward" Contest, whereby we were able to offer several of our members up to $500 each, to be used to cover a portion of their conference expenses. This year's winners were thrilled with both the support from COMA Council and the quality of professional development they received at the conference!
Member Survey: We surveyed our COMA membership this year, in order to get feedback on the events that we have been holding over the past few years. Survey results will be reviewed at the next general meeting and used in planning future events.

GOLDEN On Thursday October 1st, we ran our second Wine and Cheese Fall Social Event, with speaker Christine Suurtamm. It was a great free event to get mathematics teachers out and excited about a new school year. Christine's topic of discussion was "Moving Forward in Mathematics Education".
We will also be running our annual mini-conference in late April. We are currently looking for ideas and would love to hear what our members would like to see. If you were unable to attend the Wine and Cheese to fill out the survey, but would like to give your feedback, please contact Pamela Chun.
Last year's OMO playoffs were such a huge success that we have had to get a larger venue! We had over 40 teams and are hoping for even more this year. Each participant and coach received lunch and a t-shirt in 2015, and will do so again in 2016. The playoffs will run Thursday April 21st, 2016 at Club Roma in St. Catharines, and the top two teams will go to the provincial OMO. Thank you to the planning committee and all those who helped run such a fantastic event! Let's make this year even better!

ISOMA members were excited to start a new school year in September. We look forward to getting together with our colleagues for a round table discussion at Midtown Gastro Hub (1535 Yonge St.) on October 27, 2015 at 4:30 pm. The topic is going to be how to assess with Observations and Conversations. It will be a chance to discuss this important topic in a relaxed setting over snacks and drinks.
We also look forward to our Annual Conference on January 13, 2016 at Crescent School. We are currently finalizing a theme and will be communicating it to our members shortly and asking for session presenters.

MAC2 had great success with our OMO in the spring at Lakehead University in Orillia. Our theme was the "Numbers Game". There were many grade 7 and 8 students whom along with their coaches made the Olympics a great success. The students spent the evening prior to the competition searching throughout the campus for the "Mystery Digits". The next day the students put forth great efforts into the math Olympic competition. The students and coaches left knowing that math can be challenging yet still fun and engaging.
MAC2 held its fall miniconference in October 2014 it was based on the theme Supporting Students with LD in Mathematics which was presented by Gina Micomonaco and Diana Santos from Y4MA. The attendees left filled with ideas to incorporate into their Math classrooms in order to ensure that their mathematical teachings were differentiated to reach all their students.
In November 2014 we held a PD session for MAC2 members which was a joint presentation by consultants Emmet Mellow (Simcoe Muskoka Catholic District School Board), Marci Duncan (Simcoe County District School Board) along with classroom teacher Victoria Degeer (Simcoe County District School Board) on the use of Google Classroom - for sharing documents and collaborating with and between students. The information shared helped members to ensure that they will be able to offer and engage their students in 21st century learning. A great evening of learning and sharing was had by all attendees.
MAC2 held its annual Spring conference in April 2015 entitled Making our Math Thinking Visible GAFE, Collaboration and Feedback. This miniconference allowed us to test out our ability to use technology to stream our miniconference at three different locations. The live feed was held in Barrie, Orillia and Bracebridge. While our keynote speaker was Christopher Danielson whose focus was on "talking math to your kids" and the other workshops included joint interaction part will be location interaction.

MAC2 had a colourful promotions table at OAME 2015 to promote our upcoming OAME 2016 conference in Barrie next spring. There was a lot of interest by attendees at the conference who visited our booth.

NWOAME had a busy 2014/15 year. In May we had a successful Regional Math Olympics with 120 grade 7&8 students from 2 local boards and several outlying boards taking part. We proudly sent the winners on to the provincial competition in Ottawa who reported the 'experience of a lifetime". In mid-March, students at many of our schools enjoyed taking part in our annual Pi-Day celebrations. Pi-related activities are typically set up as stations around the schools - organized and run by grade 7 and/or 8 students - while junior students take part in activities. In February we hosted a very successful 'Math Night Social' for members and guests. The event began with a short OAME / NWOAME presentation, followed by a one hour presentation by John Galbraith from the University of Waterloo entitled, "Do You Have Problems in Your Math Class? We Hope So". The evening was well received as a mini-conference with many positive comments regarding the format. Next year we hope to expand such events in to the region by making use of available audio-visual, internet technology.

PRMA started with the plan of having a book club for the members on the book "Connecting Mathematical Ideas" by Jo Boaler and Jo Humphreys. Members got the book but due to a teacher strike in one of our major school boards the book club did not occur. OMO playdowns occurred in PRMA east and west and three PRMA teams competed at OMO.

QSLMA Fall Mini-Conference Sept 27th, Queen's University
Math Wars, Using Social Media to track….., Our keynote speaker was Dr. Egan Chernoff, Professor of Mathematics at the University of Saskatchewan. He asked (and answered) the question: Is WISE Math Strengthening Education in Mathematics. Following the keynote address, we separated for our various breakout sessions then gathered in small groups to discuss Dr. Chernoff's address and prepare questions for the Question and Answer . We charged $20 for OAME members and teacher candidates and $30 for non-OAME members. We have continued with a draw for attendees of the conference to win a free registration for the annual meeting of OAME in May.
Unfortunately a math Social planned for December was cancelled due to poor weather conditions.
Local Ontario Mathematics Olympic was held on Friday April 24th 2014 at Queen's University. Melissa Baker, President of QSLMA attended the event to assist with the set-up and the presentation of the awards. The event continues to be an Alternate Practicum for Teacher Candidates at Queen's University.
Math Mash-up – April 9th, 2015 - A collaborative event between Queen's University, MSTE, and QSLMA. For the pilot event, a grade 9 applied class from three of the Kingston secondary schools were invited to participate. The event was a day of collaborative and innovative activities that engaged and inspired many students to see mathematics in a different way.
QSLMA Math Challenge – April 16th, 2015 – Teams of 3 students at either the Grade 9 or Grade 10 level solve up to 20 problems in 45 minutes. Schools in the area boards are invited to register their teams.
The Euclid award (Top student awarded from QSLMA region) – QSLMA award was presented at graduation again.($100)

SAME OMO 2015 Playdowns
OMO 2015: Three teams were sent to the competition. SAME paid for all registration fees, accommodations and travel for all the mathletes and chaperones. Team of four executive members was sent to shadow OMO 2015 organizing committee from COMA
OMO 2016 – Organizing Committee
During our local OMO, teachers/coaches were provided professional learning: Equity in Math Education with Karlo Cabrera (Vice Principal, Donwood Park PS – former Equity Instructional Leader, TDSB)
Mini-Conference was discussed but ultimately scratched due to time constraints and competition from other local chapters.

For the 2014/15 year, **SWOAME** hosted monthly math nights. These nights were an open event where teachers were encouraged to share best practices and resources for math. We dd not have and OMO this year due to lack of volunteers.

TEAMS: Math Olympics - March, 2014. Fall Mini Conference Oct. 23/14 - over 200 participants.
OMO in Ottawa

WOMA hosted their annual mini-conference this year. As in the past, WOMA used MCIS to register delegates. Attendees took part in two sessions after they visited vendors promoting educational products. Following a pizza supper and dessert, Lynda Colgan spoke to educators on math magic.

Y4MA hosted our "Math and a Meal" evening in November. Gina Micomonaco (Program Resource Teacher YCDSB) and Diana Santos (Mathematics Consultant - YCDSB) presented "**Supporting Students with Learning Disabilities in Mathematics**" to a group of 45 educators from York Region, York Region Catholic, and the Toronto District School Board. It was very engaging and Gina and Diana provided some good strategies for teachers to use in their classrooms to reach students with learning disabilities.
In April, Y4MA hosted its annual Intermediate Math Olympics. We had a great turnout with 33 schools from the York Region, York Region Catholic and Toronto District School Boards competing. All teams participated in individual, paired, and team events, and had a great time figuring out all the math problems. We also had many parents present to support their children. After a very close competition, Highland Junior High School (TDSB) placed first; Cummer Valley MS (TDSB) placed second; and Julliard (YRDSB) was third. All three teams represented Y4MA admirably at the Ontario Math Olympics in Ottawa.

OTHER REPORTS
GAZETTE EDITOR
What follows is a brief report of the Gazette Editor for the October meeting:

- **Volume 54 Number 1** (September 2015). This issue was finished on schedule and was published in early September. Mirela Ciobanu has been temporarily replaced by guest columnist Carly Ziniuk for our *In the* Middle column (Mirela is completing some graduate study, and thus has asked for two years off to focus on this pursuit). This issue included the following items:
  Regular Columns
  Ask Assessment Abby: Connecting with Parents/Guardians /Assessment Abby
  Hey, It's Elementary: The Tales Dead Men (and Women) Tell /Lynda Colgan
  In the Middle: Love With and Without Locks /Carly Ziniuk
  MB4T (Mathematics by and for Teachers): Introducing Integers /Ann Kajander
  OAME/NCTM Report /Todd Romiens
  Provincial Digital Learning Resources: What's New? Email List, Images in Notepad, and New Resources /Greg Clarke, Agnes Grafton, Ross Isenegger, Markus Wolski
  Technology Corner: Mathematics Assessment Project /Mary Bourassa
  What's The Problem? Totalling the Tilings /Shawn Godin
  Articles
  Exponential Function and Tangents /Meth Devendra
  The Relevance of Learning Skills with a Mathematical Mindset /Jamie Pyper
  Special Features
  OMO 2015: Brain Puzzles /Melissa Black & Linda LoFaro
  Book Review: The Math Olympian (R. Hoshino, 2015) /Tim Sibbald
  EME Excerpts and Math Education Researcher Profiles
- Cost for the "Prime Proofing Services" (Gitta Berg) for V54N1 was $595.00. Costs for Penny C for layout/design has been approximately $2000/issue. Again, they have both been extremely good to work with, returning work promptly and demonstrating flexibility, understanding, and cooperation throughout workflow. Should we mention the copy editor (GB) on the back of the cover page where we list all others involved in the production of the journal? Just a thought.

- At the June meeting, I had agree to begin looking into online journal tracking system options for the Gazette, as is common with many academic journals. SPARC has a website that looks at comparing Journal Management Systems (http://www.sparc.arl.org/resources/publishers/journal-management). Another option would be to host it at a particular university on their system. The transition to such a system would be bumpy and likely expensive, at least at the onset, but may make the editor's job easier in the long run. I'll keep researching.
- I continue to enjoy the Editor's role, and look forward to working on the next three issues of the Volume 54. Please let me know if there are any suggestions.

Respectfully submitted,



NCTM

This column will outline what it means for OAME to be an affiliate of NCTM. What the conditions are and what the benefits are for our organization.

As an affiliate we fall under the overall vision statement of NCTM. Amended and approved in 2012 it states: "NCTM is the global leader and foremost authority in mathematics' education, ensuring that all students have access to the highest quality mathematics teaching and learning. We envision a world where everyone is enthused about mathematics, sees the value and beauty of mathematics and is empowered by the opportunities mathematics affords".

By its nature NCTM has a more public voice and a wider scope, but we, as an affiliate are expected to try and carry out this vision in Ontario. The purpose of our affiliation is to enhance both NCTM and our capacity to build effective relationships in our community. We should do this through sharing information and ideas. Our avenue to do this is to attend NCTM conferences and have representation at Delegate Assembly meetings at annual NCTM conferences.

Because we are a provincial organization, we are classified as a "partner" affiliate and pay affiliation dues of approximately $350.00 per year. Since we have this affiliation we are entitled to:

a) unlimited access to Online Affiliate Resources
b) participate as a delegate to the annual conference
c) allow NCTM documents to be sold at our Ontario conference.

When someone from OAME joins NCTM, we get $5.00 for a full individual membership or E membership and a $3.00 rebate for renewals.

To maintain our affiliation in good standing status, a number of criteria must be met. These are mainly handled by Lynda and Fred:

a) pay affiliation dues
b) keep NCTM informed of changes in offices (including who the NCTM representative is for OAME)
c) maintain membership in NCTM for both the president an NCTM representative
d) file an annual report outlining membership and current activities
e) maintain an approved constitution and by-laws
f) promote membership in NCTM.

NCTM also offers grant money to affiliates to support our efforts
to serve mathematics' teachers in reaching the goals of NCTM, promoting creative projects that help make them and us more visible to the public and to build membership. As much as $3000.00 can be granted if the project has merit. We have never received any of this grant money, so if you have a worthwhile project send in an application. Applications need to be received by June 1, 2016. Other possible recognition depends on the number of NCTM members that belong to OAME.

There can also be recognition for our Gazette. Conditions are that we publish at least twice a year, in print and on line, have been publishing for at least two years and can supply the names of our editor and president of the organization. Winners of the award for this recognition get one free registration to the next annual NCTM conference and also get recognition at the Affiliate's Delegate Assembly.

My role as your NCTM representative from OAME is to:

a) promote membership in NCTM
b) communicate information on NCTM activities to OAME members
c) be knowledgeable about NCTM services to affiliates
d) order and sell NCTM materials when required
e) attend the Delegate Assembly at the annual NCTM conference when required.

I hope this gives you a clearer picture of our role in NCTM and why it is a good thing that we are an Affiliate organization. I encourage you to join.
Don't forget the annual NCTM conference in San Francisco on April 13 – 16, 2016

OMO 2015 – Brain Puzzles

On behalf of the entire OMO organizing committee and the many volunteers who helped out, we would like to sincerely thank all the participating teams at this year's Ontario Math Olympics. A special thank you to the coaches who took the time to travel to Ottawa to make this year's event a true success. The host for the event was the Ottawa-Carleton chapter known as COMA. We were set up at Carleton University who graciously accommodated everyone involved for this 2 day event.
OMO 2015 got off to a great start with the mathletes, their coaches, and a few parents enjoying the Haunted Walk Tour of Ottawa on Friday evening. The light drizzle did not deter anyone from enjoying the Nation's Capital! Following the tour, the group explored the downtown area before returning to Carleton University.
The championship began Saturday morning. Teams participated in an individual activity as well as two paired activities. Upon their return from lunch, mathletes worked together in the full team activity. At the end of the day, top prizes were awarded for each event, which added a little more competitive spirit to the event.
The Ontario Math Olympics involves grade 7 and 8 students grouped in teams of four, two girls and two boys, and two grade 7s and two grade 8s – an easy mix to put together! They compete in their local areas, and then take their math skills to the provincial level to vie for top honours in the province.
The many volunteers, from St. Patrick's High School in Ottawa, made the day run very smoothly. Under the leadership of Robert Cop, OCSB Math Consultant, the A/V team took many pictures to capture the fierce competition taking place in the activity rooms. These pictures were then streamed as a slide show for the coaches to see in Porter Hall. This same team also used Google Hangout to showcase the students in action for their coaches. It brought another element to the competition for our coaches.
Upon completion of the activities, mathletes returned to Porter Hall for a wrap-up activity. Mathletes, coaches, parents, siblings, and volunteers, were all part of the probability game of SKUNK. It got rowdy and competition was intense! It all came down to two students with the highest score being 298.
Twenty-five teams from across Ontario participated in this year's OMO – from Thunder Bay, Kingston, Toronto, Muskoka, and everywhere in between. We are extremely proud of our local COMA teams who finished 6^{th}, 8^{th}, and 10^{th}.
OMO 2015 Activity Winners

- Top individual male and female: both from ISOMA 2 (coach Sandra Dellamaestra)
- Top in the Pairs activities: ISOMA 1 (coach Sandra Dellamaestra) and SAME 3 (coach Vivian Fu)
- Top in the Team event: SAME 2 (coach Andrzej Pienkowski)

OMO 2015 Top Finishers

- First Place team: ISOMA 2 (coach Sandra Dellamaestra)
- Second Place: ISOMA 1 (coach Sandra Dellamaestra)
- Third Place: SAME 2 (coach Andrzej Pienkowski)

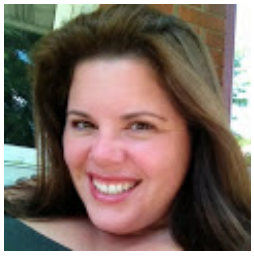
We would like to thank our sponsors whose support and contribution to this year's Ontario Math Olympics made it a huge success. Their generous donations will also help with future local events. The OMO trophy is currently being upgraded with the incorporation of another tier being added. Once this is complete, the trophy will return to the University of Toronto Schools team that were once again champions.
To next year's organizing committee from SAME, good luck!

To our entire organizing committee and the many student volunteers from St. Patrick's High School – THANK YOU! Thank you for all the time and effort you each put in to make this two-day event such an overwhelming success. For two newbies at taking on the OMO championships, you made it really easy for us!

OMO 2015 Co-Chairs



Melissa Black
Melissa.black@ocsb.ca
Melissa has been teaching for 16 years and currently teaches Grade 9 – 11 Math at All Saints High School for the last 10 years. She has been past president of the COMA Chapter, past writer for the Ministry for the Financial Literacy Project, and currently the OAME Rep for the Ottawa chapter.



Linda LoFaro
Linda.lofaro@ocsb.ca
Linda has been teaching for 15 years and is currently teaching Hospitality & Tourism, Math, and Health & Physical Education at St Patrick's High School. She is the current COMO Co-chair, was an activity writer for OMO 2015, and has worked with the Ministry of Education on various projects including Math CAMPPP, Math CLIPS, and ELL Assessments in Mathematics.

OMO 2015 Committee Members

Activity Writers	*Room Coordinators*
Marc Cardinal	Ashley Boivin
Cara Doxsee	Natalie Boucher
Lynne Villemaire	Lino Demasi
Jimmy Pai	Debra Desjardins
Valeria Pandeleiva	Cathy Hall
	Michael Lieff
	Judy Loschmann

Audio/Visual Coordinator	*Scorekeeping Coordinators*	
Robert Cop (OCSB)	Matthew Brash	Ian Taylor

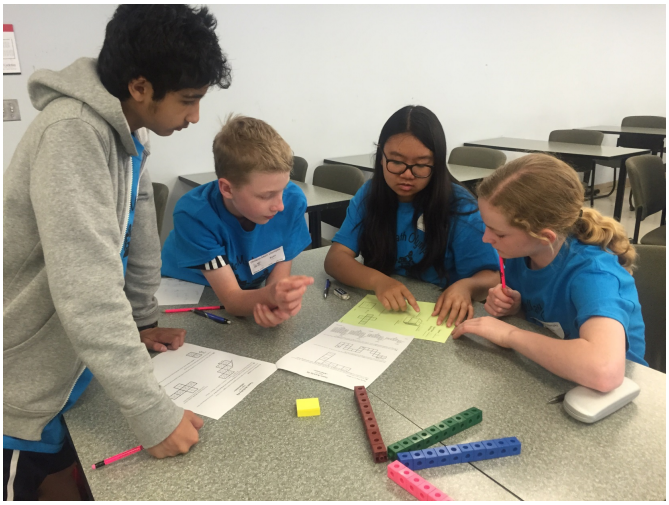




Individual Competition



Pairs Activity



Final Group Activity



Volunteers and Organizing Committee

Participants from across Ontario





Winning Team – ISOMA 2

OMO 2015 Financial Statement	
Revenue	
OAME Grant	$5,000.00
Sponsorships	$5,750.00
MOE Sponsorships	$1,000.00
Interest	$0.04
Registrations	$16,350.00
Other Fees	$146.03
TOTAL REVENUE	**$28,246.07**
Expenses	
Miscellaneous	$144.40
Student Bags	$1,327.78
Coaches	$495.00
Awards & Prizes	$593.29
OMO 2014	$462.55
Carleton University (Accommodations, Food, Insurance, Security)	$11,138.14
Haunted Walk of Ottawa	$1,419.56
WUBS Bus Services	$565.00
T-shirts	$1,751.78
Food	$475.80
Volunteers & CommitteeAppreciation	$994.57
OMO Trophy	$170.63
Reimbursements	$477.08
Bank Fees	$37.00
TOTAL EXPENSES	**$20,052.58**

TOTAL NET PROFIT	**$8,193.49**
Notes:	
* Four members of OMO 2016 committee were provided coverage for their stay during OMO 2015 (including food, accommodations, activities, and t-shirts)	
** Ministry of Education sponsorship was withdrawn from use due to political climate	

NET PROFIT	$8,193.79	
Total OAME Return	**$2,500.00**	
COMA RETURN	**$5,693.79**	
*** JMO Return**	**$3,193.79**	* balance remaining after $2500 each group goes to JMO to cover start up fees for the event
*** COMO Return**	**$2,500.00**	
NET PROFIT	**$8,193.79**	
Balance - Loblaws Card	$25.00	(misplaced prior to event, but has been located)
Balance - Metro Card	$49.49	
Balance - Gift Cards	$74.49	(balance to be brought forward for COMO 2016 & JMO 2016)

COMMITTEE MINUTES

CHAPTER REPRESENTATIVES

Present: Lynda Ferneyhough (ED), Greg Clarke (Webmaster), Kathy Pilon (QSLMA), Denise Filipovic (NOMA), Chi Hang (Y4MA), Amanda Laxton (CHAMP), Paulene Washington (MAC2), Lori Yee (PRMA), Christine Sasso (SWOAME), Pamela Chun (GOLDEN), Alvarine Aldridge (TEAMS), Melissa Black (COMA), Corrine Russell-Pritoula (NWOAME), Katelyn Beecroft (WOMA), Charlotte Aust (ISOMA), Freda Liu (SAME)

1. Welcome - Lynda welcomed new and returning chapter reps
2. Chapter Rep Duties - Lynda outlined details about expected duties for chapter reps

a. Write up a short description of chapter activiites for each board meeting (to be sent prior to meeting)
b. annual chapter report due - chapter rebates get sent to chapters in-good-standing.
c. promotion bags

3. What's working in your chapter

MAC2 - getting ready for OAME2016, holding two miniconferences at Georgian College with presenters in 3 campuses.
QSLMA - taking on OAME 2017
NOMA - looking at putting conferences online - increase sharing - more webinars - hoping to open up the northern membership
Y4MA - miniconferences for teachers - currently planning PD sessions - K-2 early years, tech - one in the fall, one in the spring
CHAMP - hosting OMO locally, putting out feelers about doing miniconferences, and survey re: online vs F2F PD
PRMA - difficult year last year, had issues, had a book club started last year, have been a vibrant chapter, hoping to come back
SWOAME - moving through difficult times, trying to find a neutral place to meet
GOLDEN - Chris Suurtaam came to fall social, revitalized chapter, hoping to increase attendance at Spring MiniConference. Looking at "talk ideas" for spring.
TEAMS - have students who traditionally go to OMO - went to Ottawa in June. Regular Fall MiniConference had to be cancelled due to labour unrest. Generally our miniconferences are well attended. Thinking about OAME2020

COMA - have a fall social - very well attended (9th annual). Also had to cancel fall miniconference. Just completed a very successful provincial OMO in June. Considering OAME 2018. Would like to extend resources and PD into "the valley" (Ottawa Valley) - calling it a "Valley Forum" - not sure what that will look like exactly.
NWOAME - have had successful evening socials - had a great one - John - problem of the week. Intrigued with Junior math contest.
WOMA - in a bit of holding pattern, but hopeful
ISOMA - no work to rule - yay - started to do some round table work, teacher to teacher discussions. Fall social with a round table. So popular, RSVP numbers so large have to find a new venu for event ! Sharing using a Google Drive. (MiniConference in January)
SAME - small chapter, membership is small. Looking at ways of revamping PD - book clubs. Local Math Olympics hosted through moodle - helped generate some funds for chapter. Top students eligible for provincial OMO teams. PD provided for coaches and students. Will be hosting OMO 2016 at U of T
Scarborough (theme: Superheroes!)

4. Question from OMO chair- parents and students asking how they can participate provincially. Don't realize that it's chapter driven. Ask how others are handling these. Freda suggested that they host individual contests, who can become eligible to be part of all star teams.

CONFERENCE CHAIRS MEETING Room 1127 Holiday Inn
Chair: Bill Lundy (also 2017)
Present: Lynda Ferneyhough, Bruce McKay (2016), Greg Clarke (2016), Wayne Erdman (2015), Amy Baker (2017), Kathy Pilon (MCIS)

2015 Report

1. Wayne gave out hard copy of report - also sent electronically and will be appended to these minutes
2. Overview:
    1. "an overwhelming success" - despite logistics connected w.r.t. board, committee structure worked well
    2. some committees too large for everyone to have a job - finance had 4; recommends 2
    3. chairs stand by to delegate when they see something not being done in timely fashion
    4. on-site meetings very important [2017 holding all its meetings @ its venue]
    5. important to have one liaison @ venue [and also from our side] - all communications with the college go through the chair, even just as cc to chair(s) - weekly communications with liaison are critical especially in the last 9-12 months leading up to conference
    6. chair(s) can split being associate members of committees, although should be active members of some (i.e., program, MCIS, exhibitors)
    7. promotions may need active role by chair(s) at the outset, then experience has shown that as it gets underway, it runs itself with less oversight
    8. make any *Gazett*e advertising a part of the magazine (note: only 300 of 2000 are mailed) - be well and truly early for *Gazette* advertising
    9. pre-registration now on MCIS and was "an overwhelming success" at getting
    10. keynote pass - hardly anyone chose it; considered bonus money; still considered valuable
    11. eConference had 34 registrations but reached approx 300 people
    12. our model seems to be as sophisticated and workable, if not generally better than, other organizations
3. Wednesday:
    1. setup was well done, smooth - did lead to considerably greater expenses due to supply teachers from noon onwards plus special requests for whole day due to distances
    2. chair took personal interest in registration area setup (tables)
    3. exhibitors more pleased, in general, with this year's venue for them - one versus two [NB less for sale by exhibitors, but attendees would like there to be more to buy]

4. Exhibitors section of conference handbook needs a total re-write - 2016 looking to re-write as they go
5. have lots of (student) volunteers on Wednesday (see report for numbers) - labor to carry stuff, direct traffic, hold doors - their teacher needs to be present (not as a worker, but for supervision)
6. 3 lines better than two for registration, including in special-handling area
7. "permanent" signage being passed from conference to conference - 2017 bring a trailer to 2016 so they can collect signage; etc for future conferences
8. EDs have the iPads (regular and mini, total of 10) as well as hit-me vests

4. "During"
    1. registration went very smoothly compared to past 2 years - assembly-line worked well - keep your problems & unpaids in a separate area (close, but out of the way to prevent congestion) - NB Thurs am around 0745 is the principal bottleneck - consider location of keynote in schedule as past bottlenecks have cut into these
    2. volunteers OK at registration, as people filed alphabetically (applies to majority of attendees)
    3. "grab and go" lunches - for people who didn't take an official lunch - special marking on ticket and special queue
    4. menu selection is always problematic - people who kvetched about "boring food", "not enough" - vast majority were positive about quality and quantity
    5. special menus are (a) separate and (b) monitored (this is on the ticket) - there WILL be people who "try things" and this year they were turned away [consider signage with image of allowable ticket]
5. "The Labor Situation"
    1. financially, this led to a 25k$ loss in refunds [plus, likely, an unknown number of non-starters]
    2. conscious decision not to publish info about walk-ins: led to only about 25 walk-ins (*vs* a typical number of 100) - likely making public the walk-ins info could have mitigated this to a point, but this is speculation
    3. very direct direction from OSSTF re: not attending our conference (as well as another; both specifically named in a directive)
    4. a number of presenters came forward to offer to do extra sessions/repeats - this took time to arrange, time away from being able to fine-tune existing structures
    5. consider talking more with the unions to get them on board with supporting attendees - PD monies in some boards are under greater purview of unions
6. Fees and Discounts:
    1. Early bird discount was a flat 30$ regardless of the number of days
    2. this amount also applied to groups who registered in bulk (i.e., boards sponsoring groups) (board groups were considered paid at that rate even though the monies didn't arrive until after the conference)
    3. this (earlybird) was considered a greater financial hit than the loss due to the job actions (above)
    4. look at a floating discount (e.g. a percentage)
    5. about half of the refunds were folks who had registered early
7. Program:
    1. widely praised due to choice and quality of speakers
    2. choices of keynotes to some extent a function of the shorter timeline available
    3. speakers were told in advance that the group was K-12 - tons of selfies
    4. careful of scheduling featured speakers in the same slots as ignite sessions
    5. threads: well supported; one suggestion from a couple was to vary the speakers available in a thread - choosing a thread was topical, also worked for those who didn't want the [perceived] hassle of choosing sessions in that the thread eliminated much of the choice (thread folks paid 1000-1500$ honoraria as they were asked to do 3 single, 2 double, and a feature session) - known quantities, no new speakers

6. ignite well received - ***see also below*** - cost also a factor as they cost more than the money they bring in (due to 2000$ + HST for video component)

8. Gifts:
    1. donation to one charity (15000$) (vs 2 in 2014) in lieu of speaker gifts
    2. speakers have, generally, been supportive - one speaker complained about no tangible memento
    3. general agreement around the table this is a good thing - being done in 2016 (charity unknown at this time)
9. Hospitality:
    1. off-site were well attended
    2. wine and cheese - all committee members got a ticket (paid by Wayne) and were encouraged to talk up staying - satisfied with attendance
    3. don't count on this being a moneymaker - venue takes profits as a general rule; need exhibitors to buy the food trays - [side: bartenders free if they sell over a certain amount]
    4. considered a very important social event - also justifies charging exhibitors more as the event drives more traffic to their area
    5. need "pushers" to direct people to the event, along the hallways where there is egress
10. Banquet:
    1. every year is different - this year was 80 approximately, including most of the planning committee (board members; got a super duper discount) - consider the value of this
11. Awards:
    1. historically, this has been hitchhiked to keynotes rather than at banquet
    2. 2016 planning to have a powerpoint playing during entry with the award info being seen (entertain people as they arrive)
12. Financial:
    1. see Wayne's report - incomplete, as not everything in yet (bills some outstanding)
    2. loss on paper, even though money was earned through PD and membership fees
    3. as stated before, the earlybird discount, as done, was the biggest factor affecting the bottom line
    4. 2-day rate in 2015 was an experiment, not to be repeated in 2016
    5. registrations done almost entirely with credit cards this time - about 30 people backed out of what their credit card statement showed due to confusion as to how IATS sent info through to credit card suppliers - boards could pay by cheque but not individuals
    6. "no cheques" meant elimination of phantom registrations (i.e., signed up but "cheque in the mail")
13. Expenses:
    1. one bill for everything @ Humber, hard to itemize things
    2. known up front the costs would be much higher, but were still surprised as to how much higher it was (Humber) - serving water/coffee/tea was a huge expense (close to 10k$) - some venues want to charge x$ per attendee whether or not it is used
    3. upper level had insufficient power - extra unplanned fees to bring this in
    4. when determining fees, consider the costs associated with any off-site sessions (e.g., transportation and lunch) [note to self for 2017: we should decide on this early, before setting fees]
    5. some committee expenses were for people who were on the committee but who didn't do any work of value to the conference: they attended the conference instead - recommendation that those whose expenses at conference are paid are given multiple jobs and advised up front that they will have few opportunities to attend the sessions - subcommittee chairs responsible for ensuring people have jobs
    6. had an Über driver on staff who ferried people around
    7. consider asking boards to cover supply costs of organizing committee members - will need F2F requests (based on 2016's input)
14. Recommendations: see Wayne's report

16. 2015 Committee reports:
    1. focus on recommendations for 2016
    2. re: exhibits - have the prices for cheese trays, etc available when exhibitors sign up
    3. re: worker bees, volunteers, committee members - communications is key; make generous use of CC [also BCC to OAME2017 email account]
    4. re: budget - revise if/when registrations exceed 700 (working number as per planning document)
    5. re: banquet - 2016 is inviting PPs to banquet: no luncheon - EDs open to covering their tickets IF they are members of OAME - it's not a part of the conference, just a social event for the PPs [**Outreach should address this**]
    6. re: program - Make it clear how it works for dual presenters w.r.t. free fees - see also the report for a large list of recommendations
    7. re: speakers (not keynotes) - Give them a free membership (no-cost item, i.e., no rebates) (per Lynda)
    8. from Bruce: consider that if we give free membership for presenters, their free ticket for the conference is just for the day of the presentation (akin to ECOO)
    9. re:Volunteers - get as many as possible for >1 day, to minimize the number of people needing re-training as to layout, etc
    10. use of mobile app still not decided for 2016
    11. recommendation for a technology committee - see Wayne`s report

2016 Preview [need to finish this by 1400 so Greg can leave for elsewhere]

1. Raised during de-brief of above:
    1. If the dollars aren't in, the early bird discount doesn't apply (i.e., OAME must have received payment by the end of the early bird window or discount revoked)
    2. Make the early bird fee the regular fee, then (behind the scenes) raise the fees for later registrations
    3. Have simplified registration fee chart
    4. Banquet is being planned for Thursday rather than Friday
2. eConference:
    1. 2016 has an eConference committee and chair
    2. looking for live broadcast with recording (through college)
    3. let e delegates choose from a menu of live and pre-recorded (assuming Friday)
    4. make sure that presentations with powerpoint can see both presenter and presentation
    5. your feed in the room can be different from the feed that is shared externally
    6. look into the contract with Ignite - they brought in their own video people, conflicting with arrangements existing already
    7. NB Dan Meyer won`t allow his sessions to be recorded (i.e., live streaming only)
    8. Looking to have eConference sessions Thu delayed to Fri, plus a single session on Fri to go with a PA Day in Simcoe (i.e., 2 sort-of simultaneous conferences - a full day plus a one-session)
3. LNS (MoE student achievement division) taping:
    1. they want permission to come to film some of our presenters (interviews, but they want to film some presentations for inclusion on their website)
    2. up to them to book a room with the college on their own; up to them to make their own arrangements (in all respects)
    3. they work through the planning committee to contact people - i.e., we contact the people they want, and if these presenters approve, then we pass on the info to the ministry folks
    4. may consider doing the arrangements then billing MoE for the tapes (as well, we book room for them and charge them back at a profit) - also would prevent overlaps with two cameras (the one we have booked, plus theirs)
4. Ignite (igniteshow.com)
    1. Amy Lyn has done much of this in the past - she is not a feature speaker in 2016 but still wants an honorarium, supply teacher, and travel

2. Consider that we (OAME) are volunteers setting this up, and we're working with a commercial enterprise
3. Presenter can invite attendees and can ask organizing committee for recommendations
4. No commitment from 2017 that they would do anything in particular w.r.t eConference and Ignite

2017 heads-up

(NB: These were some principal points we planned to raise; however, we ran out of time)

1. Theme - its implications for all of what we do - not necessarily married to anything done before: not to say we plan to abandon anything and/or re-invent wheels and/or toss everything and go with 100% untried
2. Lunches - note what we've discussed with SLC
3. Make sure 2017 knows what payments are due, and when
4. Dan Meyer to co-teach a class - he was approached about this @ 2015, and gave a very positive response to it
5. Some consideration at a theme/thread for one day being for admins

OUTREACH COMMITTEE

Present: *Bill Lundy, Kathy Pilon, Sandra Jean Price, Freda Liu, Melissa Black, Amanda Laxton, Paul Alves*

Oral report to committee of the whole, following our conclave:

OAME 2018+ and OMO 2018+

- both have nibbles but no fish we can land, yet
- that said, we request all to return to their chapters and seriously discuss how and when they can be hosts for these: as a suggestion, look at OMO to get your organizational juices flowing, then segue into the annual conference - or, jump right into the deep end by putting yourselves forward for the annual conference
- contact outreach (me) for support on this: we've already offered epistles and Skype presence to assist a chapter in its deliberations

Awards

- see *Gazette* and website for details
- we need nominations: chapter reps, board members KB&TN
- chapter reps will be receiving a reminder: please share as widely as you can

Annual Conferences

- planner is now in the latter phases of being moved from a current collection of file types and formatting setups, to a consistently-formatted Google Drive presence as a "living document": as previously agreed to, it will be restricted access (i.e., commenting allowed)
- there is a section ("section 2") that describes, in broad strokes, what is in it for you, for your chapter, as well as for OAME, to be a host
- eConference: we've had this for sufficient years that there is a reasonable expectation that each year's annual conference will have an eConference component: We recognize this expectation and will undertake measures to support this, including the establishment of terms of reference and operational guidelines for a hosting chapter's eConference subcommittee. We are also exploring the collection of information about venues that could be potential sites for upcoming annual conferences, which also have the facilities we require for the eConference component. That said, we also recognize that our priority is getting host chapters, and do not feel we can make having an eConference an absolute requirement at this juncture. There may be conferences in upcoming years where the venues do not permit our hosting an eConference component, at least in the format to which we have become accustomed recently.

NEW BUSINESS:

1. Hosts are needed for OAME 2018, and OMO 2018
    1. OAME Annual Conference:
        1. 2018 - Sandra Jean sent emails in June to COMA, WOMA, Y4MA: WOMA definite no, COMA currently polling members (won't be a no - the year is in question - 2018 is strongly possible - COMA meeting 09 Nov with President Tim attending by Skype, Paul has offered also, 2018 May 10-12) - Melissa to investigate venues and dates in O'Town
        2. **Action:** Sandra Jean will continue to see if Y4MA interested
        3. 2019+ - need to continue our efforts to get chapters for 2019 and onwards - WOMA was a pretty definite don't talk to us for a while
        4. PRMA and SAME considering co-hosting annual conference
    2. OMO:
        1. 2017 - TEAMS
        2. CHAMP has expressed interest to host in the near future - maybe 2018?

2. Awards -
    1. Remind folks NOW - **Action:** Kathy has volunteered to send a reminder to all chapter reps for them to remind their membership and respective boards/consultants - cc Sandra Jean to pass to OPC

3. Award Planner
    1. Overview: Vision (nudge) from executive to have a document similar in structure to conference planner and OMO planner to cover awards
    2. **Action:** Sandra Jean - collecting stuff for Google Drive folder - paste into Google Docs as necessary
    3. **Action:** Bill - will promise to open the binders to see if there's anything SJ can use and will send

4. Sponsorships for awards
    1. past - we had Union Gas and other corporate sponsors for awards
    2. we're OK with the status quo, i.e., no corporate sponsors and no one is willing/able to go seek sponsors - **issue closed**

5. Topic: Investigate venues for future conferences, with the capability to run e-conferences
    1. no constitutional requirement to have an ne-conference; however, it has run sufficient times that there is now an expectation that it exist
    2. we are at a point where we're hurting for hosts
    3. add this to the planner: "econference requirements…" as a highly desirable factor in site selection - remember there are options other than the better-and-better way of doing econference that has evolved
    4. e conference is desirable but not a requirement - too many factors; if e conference is going to pose a hardship then chapter can apply for special grant

6. CMS – OMO support connection
    1. CMS = Canadian Math Society
    2. There has been discussion about CMS "partnering" with OAME about OMO - Tim Sibbald has been conversing with this group about how we might (if) form a symbiotic relationship: this could be, for example: "OMO is in part sponsored by CMS" (CMS has requirements)
    3. CMS has said to Tim, "...we'd like to fund something…" - sounds like a 5k$ amount involved
    4. We are generally agreed that OMO is bringing people together to do math and promote equity - reminder that any partnership must continue to support the aims and objectives of OAME

5. Three of CMS committees are: women in math, another is education, another is math competition
6. CMS offers grants for activities @ elementary/secondary levels - Freda to look at getting a grant for her OMO upcoming (SAME, 2016)
7. **Action:** Freda to proceed w.r.t. OMO 2016
8. **Action:** - Tim and Freda will talk so as to coordinate next steps with respect to the 5k$

7. Strike a sub-committee for e-conference
    1. Create a section of the conference planner that contains TOR and operational guidelines for hosting an eConference (said section would make it clear that eConference is suggested but optional) - **Action:** Bill - create first draft

8. Other discussion -

    1. Arising from loss from 2015 conference - we are asked to budget for 700 paid people, but need to stay on top of the numbers in the contract - affects some costs as more people attend - what about creating a focused document of "lessons learned" about contracts and costs - toss past contracts into Google Drive
    2. **Action:** Bill - Make annex to Conf Planner (affects Hosp, Facil in particular - links from various committees to this document) - "Lessons Learned: about contracts, prices, etc
    3. Past contracts - PDF with commenting - **Action:** those with copies please put them into the folder in the drive
    4. For presenters - reminder to presenters to ask for feedback (include in guidelines to presenters)
    5. Conference Planner - Bill - On line in "final draft" form through OAME 2017 planning site - committee members will be given view/comment access - **Action:** Bill
    6. **Action: All** - Need recommendations/samples of useful support documents from prior, recent years for inclusion in annexes and appendices (all)
    7. Conference locations - discussions about whether we want to go with set sites, and/or a list of recommended venues - tabled for now but will return to it in Feb (once we finish awards deliberations)

STANDING ITEM(S):

Critical path document
Link to document

THIS JUST IN:

Terms of reference for Outreach - with revisions

CURRICULUM COMMITTEE MINUTES

Present: Alvarine Aldridge, Charlotte Aust, Katelyn Beecroft, Pamela Chun, Denise Filipovic, Chi Hang, Jill Lazarus, Judy Mendaglio, Jung-Choi Perkins, Corrine Russell-Pritoula, Paulene Washington, Lori Yee
Regrets: Todd Romiens, Anne Yeager, Vincent Glavine

1. Assessment Abby

We discussed answers to questions that we invited readers to respond to in the September issues of the Gazette. Our response to one of the questions as been submitted to Dan Jarvis. We responded to a question that dealt with assigning marks for group projects. A second question that we asked in the September issue, related to using the four categories for tests and assignments, will be addressed in the next issue of the Gazette, after the Curriculum Committee receives feedback from an activity that we are planning for the February meeting of the Board.

2. Plans for future curriculum changes

Representatives from the Ministry of Education (Allison or Maureen), Growing Success, and from the Ontario College of Teachers will be invited to speak at the February Board meeting.

Action Item: Judy will contact these people.

3. February Board meeting activity (1.5 hours):

Part I: Ministry/Growing Success/OCT representatives to speak and address questions so that we can bring messages back to teachers. Questions include:

i) Is the Ministry ready to confirm what is happening with respect to curriculum change (e.g., work with fractions, "refresh" to be rolled out in February?)

ii) What will the structure of curriculum strands and reporting look like? Will it change or remain the same?

iii) What initiatives are in place to prepare students for industry?

iv) What initiatives are in place to support teachers with curriculum change (e.g., professional development)?

v) What is the Ministry perspective on the role of observations and conversations in mathematics? How should conversations and observations be reflected in student grades? We would like to include this Ministry perspective on this in the Assessment Abby piece for the next Gazette issue.

vi) How can we support more ongoing support for assessment for learning?

vii) How can we help B.Ed. students appreciate the need to learn math?

viii) How can the OAME support teachers in understanding the Achievement Chart categories, particularly the "Thinking" category?

In particular, we would like to focus on: (a) how OAME can support teachers in understanding the Achievement Chart categories and how to develop questions, (b) assessment (for and as learning, and observations and conversations), and (c) thinking questions.

Part II - Activity: How to design questions and assess with respect to achievement chart categories. The board will be divided into groups by division. We will look at different questions and samples of student work through different lenses (Thinking, Communication, Knowledge & Understanding, Application) to stimulate conversations about what is being assessed. We would like our guests from the Ministry/Growing Success/OCT to stay for this activity. The activity will involve:

a. Dissecting the questions (e.g., try answering the questions, think about what categories are assessed and why, whether/how other categories may be assessed by adapting the question or asking other questions, which strand(s) correspond to the question - this discussion is deeper than identifying)
b. Looking at student samples (e.g., If you had the student in front of you, what questions would you ask?)
c. Next steps (e.g., How could we tweak the questions to emphasize different categories? What other questions would you ask?)

Action items: (1) We will bring in samples of questions and student work by the end of January - Jill to send out reminder email in December, (2) Sub-committee developed questions to support this question and Jung is working on a PowerPoint for the February meeting, (3) Bring posters for grouping each division for the activity.

Part III: Sharing/Consolidation

SPaRC COMMITTEE

1) Review of Minutes from June 2015 meeting
2) Proposed Changes to Constitution/By-Laws/ToR

- At the September OAME executive meeting Fred and Bill alerted the executive that our committe would be submitting motions at the October board meeting related to the change in timing of the AGM (from May to October)
- Fred has prepared a document highlighting the areas where changes need to be made
- our committee reviewed the documents and crafted a number of motions for the Board to vote on.

(see motions attached to the board minutes)

3) Other changes to the Constitution/By-Laws/Terms of Reference Suggested for future meeting (i.e. February 2016 meeting if possible)

a. By-Law 26 & 27 & 28 (see #3,4,5).

This needs to be revisited to make sure the timing is appropriate. The timing seems awkward

b. Terms of Reference: Duties of Past President #1e

The executive needs to deal with this item. Once they do, our committee will look after making the appropriate changes to the Terms of Reference

c. Terms of Reference of the Outreach Committee

There are changes highlighted in green that the Outreach committee needs to respond to . Once we receive a response our committee can then make the appropriate changes.

d. By Law 12 # 13 & 14

These items are related to the reporting of election results at the AGM when it was held at the conference.

e) Constitution 7.2.2 States that the results of voting for the Board of Directors shall be reported in the manner prescribed by the By-Laws. We need to draw up wording in the By-Laws to reflect this.

4) Clarification for Future AGM's

- For Fiscal Year 2014-2015, AGM will be held in May at Barrie OAME conference (this will be the last time the AGM will be held at the Annual conference)
- For fiscal year 2015-2016, the Agm will be held in the fall of 2016
- For fiscal Year 2016-2017, the AGM will held in the fall of 2017
- ...and so on

5) Request to Committee of the Whole

SPaRC requested that board members brainstorm in their committee groups (today and at the next meeting) about the format of an the AGM held in the fall..

Initial Suggestions:

- each chapter should receive proxy forms
- make it possible to vote in person, by paper through the mail, or on-line.

6) Looking Ahead:

- Executive should discuss date and format for new AGM at their April 2016 Executive meeting.
- June 2016 Board Meeting: Executive presents their recommendations re AGM to the Board.
- Date and format for new AGM to be voted on at the June 2016 Board meeting . Determine how and when the membership will be informed.
- September 2016 Executive meeting: Set the agenda for the Fall AGM
- First fall AGM to be held in Fall 2016

COMMUNICATION COMMITTEE

Attendance: Tim Sibbald (chair in Bart's absence),Greg Clarke, Lynda Ferneyhough, Christine Sasso
Absent: Bart Vanslack, Dan Jarvis, Kathy Kubota-Zarivnii, Mary Lou Kestell

From the minutes: "**9. Protocol for handling requests from outside organizations.** With respect to Communications Committee, this might mean Website, Gazette etc., - who do we say yes to, who do we say no to? *Due to time, this item was put off to the next meeting."*

This was discussed and it was concluded that such requests should be vetted by the recipient and, only if it is considered plausible, then it will be circulated to the communication committee for approval prior to any further action. Generally, the answer will be "no". Remove this item from future agendas.

Publications and website

a. Reviewers for Gazette – No current issues.

b. Dan Jarvis: Editor's report – Dan is looking at online article flow software and will give the committee an update as this progresses.

Dan has emailed to say he is going to finish the year and leave the role in the summer. He is game to have someone job shadow into the role. Possible replacements were discussed and Tim is to contact: Amy Lin, Ron Lancaster, Immaculate Namucasa. Lynda will have an ad placed in the December Gazette.

c. Board of Director's report for Gazette. This was being done by Anne Michelle Stenning who no longer attends the meeting. Tim has asked Paul to speak to Katelyn about possibly taking this up. Alternatively, Tim will follow up with other new chapter reps Amanda and/or Corrine. Katelyn has agreed to taking up the gauntlet.

Two motions were brought to the board of directors. They are listed in the general meeting part of the minutes.

Advertising rates, business card ads – Discussed and to be removed from future agendas. Bart should contact the advertising director (Robert Sherk) prior to each board meeting and bring forward any issues that arise.

Password coordination between OAME & MCIS is in process but stalled:

Greg says its not perfect yet, but, it is working for many people. There are some issues but they are being worked on. There are some issues when people are not a member of OAME and have MCIS access, but then become an OAME member. Also issues with people using a variety of names and email addresses.

Gazette entered in NCTM Affiliates Award by November 1, 2015:

This is a work in progress. Dan has sent paperwork to Tim who will return it for submission to the NCTM before their deadline.

Website "to do list":

No immediate issues. Claudio is taking on an increasing load, which is working well.

Copyright disclaimer for digital Gazette – done in conjunction with motion one.

Should the Gazette go strictly digital? – No. There are 300 hardcopies produced. These are used by libraries and individuals who pay extra for the privilege. Lynda suggested changing the way that the mailing is done.

Promotions: Lynda Ferneyhough

a. Freebies: member decal & pencils for conferences, folding Frisbee for OMOs
b. Still have stickie graphs and some T-shirts, Abacus for sale.
c. Tee shirts was suggested. Cartoon tee shirts – Foxtrot, Herman, etc.? Bart to investigate. Christine suggested looking at option to be able to order online and have printed and shipped on demand. (wearitproud.ca).

Bart to follow up with Dan regarding the draft critical path for the editor.