

NEWSLETTER / BULLETIN

APRIL 1996

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**The NEWSLETTER is a publication of the
Canadian Mathematics Education Study
Group**

**Ce BULLETIN est une publication du
Groupe canadien d'étude en didactique des
mathématiques**

*CMESG is a group of mathematicians and
mathematics educators who meet annually to discuss
mathematics education issues at all levels of learning.
The aims of the Study Group are:*

*Le GCEDM est composé de personnes oeuvrant en
mathématiques et en didactique des mathématiques
et qui se réunissent une fois par année pour étudier
diverses questions relatives à l'enseignement des
mathématiques à tous les niveaux. Les buts du
Groupe sont les suivants :*

- 1) *to study the theories and practices of the
teaching of mathematics*
- 2) *to promote research in mathematics education*
- 3) *to exchange ideas and information about all
aspects of mathematics education in Canada*
- 4) *to disseminate the results of its work.*

- 1) *susciter une réflexion critique sur la
théorie et la pratique de l'enseignement des
mathématiques*
- 2) *encourager la recherche en didactique des
mathématiques*
- 3) *faciliter l'échange d'idées et d'information
sur tous les aspects de l'éducation
mathématique au Canada*
- 4) *faire connaître les résultats de ses travaux.*

President's Message

Sandy Dawson
Simon Fraser University

Didn't Confucius have something to say about how great it is to live during interesting times? If that be true, then I think our organization is indeed living through very interesting and challenging times.

The financial cutbacks endemic to education across the country are creating crises for public schools as well as tertiary education institutions. Our organization is not immune to these cutbacks, as a report on SSHRC funding in this Newsletter indicates. However, this need not create a crisis for us. Instead, it can be seen as an opportunity to critically review the goals of the organization, to examine the manner in which we communicate with one another and to take advantage of emerging technologies, and to establish structures and ways of working which are attuned to the philosophical and pedagogical orientations of our membership. The faces of our membership over the past couple of years has changed. We have been blessed in being joined by recent additions to the mathematics education community in Canada. Our membership has become more gender balanced, and the median age has decreased. Alterations have been made to the Annual meeting which takes some of these changes into account. However, the lack of SSHRC funding this year provides us with a wonderful opportunity to seriously examine goals and directions, and to modify these so as to better meet the challenges of the next few

decades. Clearly, we have an opportunity in the face of adversity to create for ourselves, by ourselves, an organization and climate of working together, which builds on the strengths of past endeavors while making use of the intelligence, passion, and experiences of those new to mathematics education in Canada.

Coupled with these challenges and opportunities, CMESG/GCEDM has been given the chance to acquire one of the most prestigious journals in mathematics education in the world. David Wheeler, acting on the advice of a committee he established at our Annual meeting last year, is offering CMESG/GCEDM his journal, For the Learning of Mathematics. Of course, such an offer implies that our organization take on major responsibilities for maintaining the high standards which David has set for FLM. But again, it is my view that the membership of our organization is more than capable of grasping this opportunity, and of building on the solid base which David has created for the Journal, to broaden its readership, maintain and increase quality, and to explore computer technologies in the production of the Journal. I sincerely hope that the membership will approve the resolutions regarding FLM which will be presented at the AGM in Halifax. These resolutions, and background material about them, are provided elsewhere in the Newsletter.

All of this adds up to living in interesting times, does it not?

Once again this year, one of our number has been honoured as an outstanding teacher. Eric Muller received the Ontario Confederation of University Faculty Associations teaching awards in February. In an article in CMS announcing this award, it was noted that:

Professor Muller's contributions to mathematics education stretch beyond Brock University and university education. Concerned with the quality of science and mathematics education in the elementary schools, and in particular with the need to educate aspiring teachers in both the foundations of mathematics and in mathematics education, he was instrumental in defining and developing the curriculum, showing an exceptionally high level of innovation and creativity in its design. Most of all, he is, in the words of Brock's Faculty Association President Professor Alan Booth, a warm and open human being who directs and encourages his students with an inimitable mix of candour and affability. He has those rare qualities which make him the outstanding teacher that is the embodiment of the OCUFA award (CMS Notes, Jan-Feb, 1996, p.41)

It has just come to our attention that Eric has won yet another teaching award, this time from the Seaway Section of the Mathematics Association of America. This award is called The Seaway Section Distinguished Teaching Award, 1995-1997.

Our warmest congratulations to Eric on the well deserved recognition which these awards bestow. Those of us who have worked closely with Eric over years in CMESG/GCEDM know that he brings the qualities noted above to his contributions to and interactions within the organization.

I would like to acknowledge the work and leadership provided by the members of the Executive whose terms will be completed at the AGM in Halifax. Pat Rogers has served on the Executive with diligence and energy. We wish her well as she moves on to executive responsibilities in other organizations. Long time members of CMESG/GCEDM will know that Bernard Hodgson's presence has always been strong within the organization. We wish him well in his continued participation in many mathematical circles. Lesley Lee and David Lidstone were co-opted members of the Executive this past year. It is difficult for the co-opted members to step in for one year, typically in the middle of things, to quickly grasp the situation, and to then make productive contributions to the discussions. Lesley and David did very well in overcoming these difficulties, and are to be congratulated on and thanked for their contributions.

I look forward to seeing many old friends and greeting new ones at the meeting in Halifax. Yvonne Pothier has worked closely with the Executive in developing the program for our annual meeting. The scientific program looks very strong, and as usual it does not seem that we will lack for outstanding entertainment and sustenance.

Sandy

The Future of the Journal, For the Learning of Mathematics (FLM)

Executive Recommends Acquisition of FLM

As indicated in the fall Newsletter, the Executive is recommending that CMESG/GCEDM assume financial and editorial responsibility for David Wheeler's journal, For the Learning of Mathematics (FLM), commencing with the publication of Vol. 17, #3 in the fall of 1997. The following enabling resolutions will be presented at the AGM in Halifax for consideration by the membership.

Be it resolved that:

- commencing July, 1997, the editorial and financial responsibility for FLM be assumed by CMESG/GCEDM and that the current spirit and thrust of FLM be maintained;
- during the period between the 1996 AGM and the 1997 AGM,
 - a. the President of CMESG/GCEDM work closely with David Wheeler to effect a smooth transition of the editorial and financial responsibilities for FLM to CMESG/GCEDM;
 - b. the Executive function as the FLM sub-committee (see note below on the nature and function of this committee);
- at the 1997 AGM, the Executive present for approval a plan for the editorial direction of FLM, including the composition and responsibilities of (1) an FLM sub-committee, (2) an editorial advisory panel for FLM, and (3) a process for the selection of an editor(s) for FLM.

Background:

In September, 1995, the Executive received an invitation from the Committee for the Continuance of FLM (CCFLM), a committee created at David Wheeler's suggestion during the 1995 London CMESG/GCEDM, to consider taking responsibility for production of FLM. The CCFLM was composed of Claude Gaulin, Bill Higginson, Anna Sierpinska, Lesley Lee, Eric Muller, and Sandy Dawson, the latter three being current members of the CMESG/GCEDM Executive. Discussions by the CCFLM focused on issues of the financial viability of FLM, and ways to best ensure the maintenance of the content spirit and international character of this Canadian based journal. The CCFLM was of the view that CMESG/GCEDM was best situated to achieve the latter objectives, if the financial issue could be resolved to the satisfaction of the CMESG/GCEDM membership. Both sets of concerns are addressed below:

Content Spirit and International Character:

The following points were discussed extensively by the CCFLM and subsequently by the full Executive of CMESG/GCEDM. They represent the consensus point of view of those two groups:

- FLM should not be the official organ of CMESG, and should maintain editorial independence from CMESG/GCEDM.
- FLM should have an international editorial advisory panel, perhaps similar to what it now has, advisory to the editor, or editorial panel, depending on how the Journal is to operate editorially.
- that financial direction of FLM be provided by a new sub-committee of CMESG/GCEDM: the membership of this committee should not be restricted to CMESG members, though it would have a majority of CMESG members, this committee replacing and performing the functions of the current FLM Corporation.

Financial Considerations:

Currently the journal has a subscription list of approximately 600, including both individual and institutional memberships. Cost of an individual subscription is \$27. It is \$42 for an institutional subscription. These fees produce revenues of the order of \$18000 to \$20000. The Journal currently operates on a break even basis. Through an arrangement with the Faculty of Education at Simon Fraser University, the accounts for FLM are handled by SFU's financial services. The distribution of the Journal and maintenance of the subscription list is provided by the Faculty of Education at SFU. All editorial, financial, and subscription work is done by David Wheeler. From time-to-time, FLM has paid modest overhead to SFU for services provided.

There is no doubt that David Wheeler pretty well carries the entire load for the Journal. This is not likely to be the case for a new editor or editorial panel. Nor can it be assumed that some university would be willing to continue its support of the Journal in the manner SFU has done, particularly if the editor or editorial panel was not in some way associated with that university. As a result, costs for the production of the journal are likely to increase, though not dramatically so.

It is therefore proposed that every member of CMESG/GCEDM, commencing with the 1997/1998 membership year, receive as part of her/his membership, a subscription to FLM. The fees for membership in CMESG/GCEDM would be increased by \$20.00 Canadian to cover the cost of including FLM as part of membership. The net increase in the number of subscriptions this would generate is approximately 70 with a resultant increase of \$1400 in revenues for the Journal. After the costs of printing and distribution of the additional copies are accounted for, it is anticipated that the additional net increase will cover overall increases in editorial and production costs presently carried by David Wheeler.

Be it resolved that:

- commencing with the 1997/1998 budget year, membership fees for CMESG/GCEDM be increased by \$20, and that membership thereafter include a one year subscription to FLM. CMESG/GCEDM will credit this additional \$20 directly to the FLM operation .

General Considerations:

It is beyond doubt that FLM is one of the 4 or 5 most prestigious journals of mathematics education in the world. It is Canadian based, created and edited by a Canadian, David Wheeler. The impact of the Journal and its editor have unquestionably raised the level of recognition of Canadian mathematics education. Moreover, it is clear that FLM is distinctive in the spirit of its editorial policy, and in its acceptance and support of disparate views and approaches to the study of mathematics education.

The CMESG/GCEDM now has the opportunity to maintain and build upon this tradition. It is the view of the Executive that because of David Wheeler's close association with and influence upon CMESG/GCEDM, perhaps only our organization has the knowledge and experience to maintain the unique character of FLM.

Please send your thoughts, reactions, and proposals regarding the acquisition of FLM to any member of the Executive (addresses, snail mail and email, are listed at the back of this Newsletter), or send them to the membership generally by using this email address:

cmesg@spartan.ac.BrockU.CA

The Executive looks forward to having a full discussion of the above proposal at the AGM.

Member Reports

Report on the Education Session of the Canadian Mathematical Society Winter Meeting, Simon Fraser University Harbour Centre Campus, December 9th, 1995. Report submitted by Kathy Heinrich.

This event (Communicating Mathematics) was designed to further the CMS objective of making mathematics accessible to a broad audience. This was achieved in several ways: first by offering it in conjunction with the BC Mini-Forum for Education in Mathematics (a forum bringing together mathematics educators from colleges, universities and schools, along with parents and some representatives from industry and the Ministry of Education); second by designing a program that not only encouraged participants to talk about how one does this but also provided such an event (the public lecture on math and art, and the displays); and third by ensuring a broad audience. A detailed description now follows.

The morning began with a panel discussion in which presenters recounted incidents in which they participated where they saw a change take place in the way a student viewed mathematics; an incident of the type each of us could duplicate in our day-to-day teaching activities. Over 100 people from colleges, universities and schools attended. The panelists were also from diverse areas with one student and one representative from industry.

In the afternoon, Barry Cipra (Northfield MN) described what it takes to communicate mathematical ideas to the general public.

There was a public display throughout the day illustrating the use of mathematics and technology to produce both art and entertainment and an exhibit of art based in mathematical principles and ideas. The Teck gallery exhibit ran from December 9th until January 26th. On opening, it was chosen as the "Critic's Choice" by the Vancouver Sun's art critic. The Mathematics and Art web site is located at:

<http://fas.sfu.ca/cs/people/GradStudents/darylh/personal/HCE/card.html>

The day concluded with a public lecture by Doris Schattschneider (Moravian College PA) who described the mathematics behind the work of artist MC Escher and homemaker Marjorie Rice. The room was filled to capacity with an audience of mathematicians, teachers, students, artists. This talk gave those who attended Cipra's talk an opportunity to see a superb public speaker in action - the talk was enjoyed equally by artists and mathematicians - we learned a little of one-another's world.

Funding was provided by the BC Ministry for Employment and Investment, the Canadian Mathematical Society and NSERC.

SSHRC Funding Curtailed

The Executive learned in mid-February that we had not been successful in obtaining SSHRC funding for the 1996 conference. This represents a very significant loss of revenue for CMESG/GCEDM. Given the financial status of granting agencies in the country, it was not surprising that the grant was not forthcoming. Nonetheless, it now behooves us to look critically and constructively at a wide range of options regarding, among many things, membership fees, the nature of and funding for the yearly conference, the possibility of affiliation with other organizations (e.g., CMS, CSSE) as a way of cutting costs, the production of the Newsletter and the Conference Proceedings, and so on.

The Executive has acted on two fronts to ensure the continued financial viability of the organization. First, you may have noticed that the conference fees have been raised by \$25 for the Halifax meeting. We are fortunate that this action is happening in a year when Yvonne Pothier and the local organizing committee have managed to keep costs to a minimum. Even with this increase, costs will still be lower than last year.

On a second front, the Executive is working to eliminate its September, 1996 meeting. Bringing six people from

across Canada together for a weekend meeting no longer appears to be viable without SSHRC support. However, the Executive firmly believes that it cannot deal with all CMESG/GCEDM matters, and also develop the programme for the following year, without extensive face-to-face deliberations. Email certainly allows for careful planning, but it does not provide for intensive discussion and development of a programme.

It is the Executive's intent to apply, with renewed vigour and inventiveness, for SSHRC funding next year. In the meantime, however, the Executive is anxious to receive your input on a number of issues. This article will appear on the CMESG/GCEDM bulletin board and the Executive hopes that it will generate extensive discussion, and that this will facilitate the development of motions for consideration at the AGM in Halifax. You can therefore expect time during the AGM to discuss ideas and suggestions. However, some action might well have to be taken before that event, so discussion via email and fax would be appreciated in advance of the meeting. There are some questions/issues listed below about which the Executive would appreciate hearing member views.

For the information of members when thinking about these questions and issues, it has been the practice that Plenary Speakers have all reasonable expenses covered, working group and topic group leaders have their registration and membership fees waived, and where finances allow and there is a demonstrated need, some working group leaders might also receive financial assistance for transportation and accommodation costs. It should also be noted that costs of the Annual meeting have been very reasonable, and much, much less expensive than most national and international conferences. In this regard, we are indebted to the organizers of recent conferences (Pat Rogers, Vi Maeers, Doug Edge, and Yvonne Pothier) and their home institutions for the great hospitality provided for very reasonable costs, particularly in light of the financial difficulties being experienced by all universities across the country.

Here, then, are the questions and issues:

1. What do members see as the essential components of the Annual meeting? How can we maintain these essentials whilst reducing costs?
 - a. Would the organization remain viable if there was a meeting every second year instead of yearly?
 - b. Could we have just one Plenary speaker each year? Or could one speaker be very local (and from within the organization, say), and one not so local?
 - c. Would it be feasible to have just one leader per Working Group? If the leader is someone without previous CMESG/GCEDM experience, then a 'local' person might be identified to work with such a leader on the organization and 'atmosphere' aspects of the WG.
 - d. Might we also look at not paying Topic Group leaders their fees?
 - e. A conference registration fee of \$50 is a very good deal. If this was increased to \$75, it would cover the cost of the Proceedings. Or purchase of the Proceedings could be left optional. (But see #4 below.)
 - f. Perhaps the membership and registration fees should be combined. Currently, the cost of both is \$75. If this were to be increased to \$120, say, then both FLM (see accompanying article on the acquisition of FLM) and the Proceedings could be included within the cost of membership and registration.
2. The fall Executive meeting should be abandoned (see discussion above). Though this meeting has traditionally been where the bulk of the planning for the following year, including the Annual Conference, has taken place, such a meeting is no longer financially viable. Instead, it is proposed that Executive members arrive a day early, and stay the day after the Annual meeting in order to commence the planning needed for the subsequent year.
3. Do we need to look at the possibility of joining with CSSE (Canadian Society for the Study of Education) or CMS (Canadian Mathematical Society)? Certainly the former has been mooted a number of times, and

CMESG/GCEDM has always proclaimed its independence. Do we need to re-examine this stance? Are we more likely to get SSHRC financial support if we were part of CSSE, say? Or what of having an overlapping meeting with CMS? The interaction of the BC Mini-Forum with the CMS meeting in Vancouver last December was quite productive, both for CMS and for the BC Mini-Forum. This might attract more mathematicians to CMESG/GCEDM, and give members an opportunity to sample the Canadian Maths Society meetings.

4. Do we need printed, hard-copy Proceedings? Have the electronic Webs, email etc. reached the point where the Proceedings could be put out electronically. We would not have to worry about a printed version, except perhaps for the SSHRC application. Moreover, the latter could easily be absorbed at some institution as it wouldn't entail more than standing at a Xerox machine for a half hour.
5. Should the Newsletter be continued? The cost of this has usually been largely absorbed by the home institution of the Editor. Could the Newsletter become strictly electronic using the network Eric Muller has set up at Brock?
6. Might we seek sponsorship from, say, a publishing company, such as the folks at Queens have done for their summer conference? Our lost revenue from SSHRC is \$6000, a very small amount for large, national and international companies.

Please send your thoughts, reactions, and proposals to any member of the Executive (addresses, snail mail and email, are listed at the back of this Newsletter), or send them to the membership generally by using this email address:

cmesg@spartan.ac.BrockU.CA

The Executive looks forward to having a spirited and productive discussion of all the above issues and questions at the AGM in Halifax.

Professional Meetings in 1996-97

1996

American Educational Research Association [AERA], April 8th-12th, New York, NY.

ICME-8, July 14th-20th, Sevilla, Spain. Information : Bernard Hodgson.

74th National Council of Teachers of Mathematics [NCTM], Research Pre-Session, April 23rd-24th, San Diego, CA. The conference itself runs from April 25th-27th.

History and Pedagogy in Mathematics Conference [HPM], will be held July 24th-30th, in Braga, Portugal.

1997

GCEDM, du 31 mai au 4 juin à l'Université Mount St. Vincent / CMESG, May 31-June 4th, Mount St. Vincent University.

GCEDM, du 23-27 mai, 1997 à l'Université Lakehead/CMESG, May 23-27, Lakehead University.

Société canadienne pour l'étude de l'éducation [SCEE] du 4 au 7 juin / Canadian Society for the Study of Education [CSSE], June 4th-7th, Brock University.

Canadian Mathematical Society [CMS] June 7th-9th, / Société mathématique du Canada [SMC], 7 au 9 juin, University of Calgary.

Psychology of Mathematics Education [PME], July 9th-12th, Valencia, Spain. The first announcement for this conference is available from Sandy Dawson. Email him if you wish a copy.

**MINUTES OF THE 19TH ANNUAL GENERAL MEETING OF CMESG
MAY 28, 1995 at 12 NOON**

1. Introductory remarks - Sandy Dawson

- a) Thanked Doug Edge for all the work he did to make this meeting such a success.
- b) Explained the structure of the Executive, whereby two members are elected each year. The four elected members meet after the AGM to co-opt two members for the coming year. Attention is paid to balance representation across the country, to male-female representation, and to balance between mathematicians and mathematics educators.
- c) Requested suggestions for presenters for next year's meeting, i.e., plenary speakers, working group leaders, topic session presenters, special sessions etc.

2. Minutes of 1994 AGM

On a motion by Anita Lossaso and Pat Rogers the Minutes of last year's AGM were approved.

3. Financial report - Eric Muller

- a) Indicated that CMESG was in a similarly good position to last year.
 - b) That the monies received from ICME 7 were invested and generating interest and that although the Executive was willing to receive suggestions as to possible disbursements of these funds, it was concerned with the possible termination of support by SSHRC.
 - c) Indicated that he attended a workshop on SSHRC fund applications and that his impression was that CMESG was still being supported because it always presented a complete dossier with its application and the fact that each meeting produced very good Proceedings.
- On a motion by Tom Kieren and Gord Doctorow the financial report was received.

4. President's report - Sandy Dawson

- a) Reported that the Executive had granted a Life Membership to David Wheeler and Sandy outlined all David's work and influence in the time from when he was involved in the formation of CMESG. This was applauded by all.
- b) Reported that the closer ties between CMS and CMESG were being successfully forged and that there had been more cooperation between the two societies this year than ever before.
- c) Indicated that the membership may have noted changes to this year's program to make our meetings more inclusive. Members are asked to provide feedback to the Executive on these changes and make other suggestions towards this end.
- d) CMESG has provided support to the Canadian Mathematics Undergraduate Students Conference. This support was tied to having a session on undergraduate mathematics education. Tom Kieren thanked Sandy Dawson for his contribution as President over the past two years.

5. Canadian Forum on Education in Mathematics

Kathy Heinrich reported on the Forum held in Quebec City at the beginning of May. Its purpose was to bring people together to talk and realize that they had the same agenda to improve mathematics education in Canada. Sandy Dawson had prepared a working document, a review of the recommendations of a number of previous commissions and meetings. The aim of the Forum was therefore to develop an agenda for action. Kathy suggested that CMESG may be interested in thinking about an umbrella organization in Canada that would be able to speak with one voice for mathematics.

6. Publications Editorships - Sandy Dawson

Sandy explained reasons and on behalf of the Executive apologized for the delay in the Proceedings. Martyn Quigley who has done a marvelous job as editor moved suddenly to Brunei last September. A problem of communication has been mainly resolved and members should anticipate getting their proceedings early in July. The Executive has appointed Yvonne Pothier as editor of the Proceedings for the next three years. Reports for this year's proceedings are to be in to Yvonne by the 31st of August 1995. The Executive has appointed Vi

Maeers as Newsletter Editor for the next few years. Sandy will write to thank Martyn for the work that he has done with the Proceedings over the past four years.

7. ICME 8 - Bernard Hodgson

Bernard reported on ICME8 and indicated that a number of Canadians are involved in the Program.

8. Future Meetings - Sandy Dawson

May 31 - June 4 in Halifax (Mount Saint Vincent).

Medhat Rahim made a bid for Lakehead in 1997. The Executive will make a decision at its September meeting. The executive has received two requests for 1998, Calgary and UBC.

9. FLM - David Wheeler

David indicated that he was stepping down as Editor, Manager, etc. etc., of FLM in two years time. The question is, will the Journal continue? Is CMESG willing to get involved in the survival of FLM?

10. Report on election to the Executive - Pat Rogers and Gary Flewelling

Gary reported that Eric Muller and Sandy Dawson had been elected for a two-year term.

11. Other business

a) Information on how to access Camel the CMS electronic services will be included in the November Newsletter.

b) "Mathematical Year 2000" of IMU, CMS and CMESG should start thinking about mathematical activities to promote mathematics in schools and to the general public.

Eric Muller, Secretary/Treasurer, CMESG/GCEDM

**Compte rendu de la 19e Assemblée générale annuelle
du
Groupe canadien d'étude en didactique des mathématiques
tenue à l'University of Western Ontario
le 28 mai 1995 à 12 h**

1. Remarques préliminaires — Sandy Dawson

a) Sandy remercie Doug Edge pour tout le travail qu'il a accompli afin de faire un tel succès de cette rencontre.

b) Il fournit des explications sur la structure du Comité exécutif, dont deux des membres sont élus à chaque année. Les quatre membres élus se rencontrent suite à l'Assemblée générale afin de coopter deux autres membres pour l'année à venir. On essaie alors d'équilibrer la représentation des régions, celle des sexes et celle des mathématiciens et didacticiens.

c) Sandy fait un appel aux suggestions pour le programme de l'année prochaine (conférenciers pléniers, responsables de groupes de travail ou de groupes thématiques, sessions spéciales, etc.).

2. Compte rendu de l'Assemblée générale de 1994

Le compte rendu est accepté sur proposition d'Anita Lossaso et de Pat Rogers.

3. Rapport financier — Éric Muller

a) Éric fait d'abord état du fait que le GCEDM est dans une position financière saine, semblable à celle de l'année dernière.

b) Le don reçu d'ICME-7 a été investi sous forme de certificats de placement garantis. Le Comité exécutif, quoique disposé à recevoir des suggestions quant à l'utilisation de ces fonds, est néanmoins préoccupé par la fin éventuelle du soutien financier reçu du CRSH.

c) Éric fait rapport sur sa participation à un atelier organisé par le CRSH sur les demandes de subvention. Son impression est que si le GCEDM obtient encore du succès auprès du CRSH, c'est qu'il présente toujours un dossier complet avec sa demande et que chaque rencontre débouche sur la publication d'Actes de très bonne qualité.

Le rapport financier est accepté sur proposition de Tom Kieren et de Gord Doctorow.

4. Rapport du président — Sandy Dawson

a) Sandy indique que le Comité exécutif a nommé David Wheeler membre à vie du GCEDM. Il évoque ensuite le travail et l'influence de David au moment de la formation du Groupe. Suivent des applaudissements de tous.

b) Sandy fait rapport sur les liens de plus en plus étroits existant entre la SMC et le GCEDM ; la dernière année a vu une plus grande collaboration que jamais entre ces deux sociétés.

c) Il mentionne que certains changements ont été apportés au programme de cette année afin de rendre nos rencontres plus riches. Les membres sont invités à fournir à l'Exécutif leurs commentaires à ce sujet et à proposer d'autres modifications.

d) Le GCEDM a fourni un soutien financier à la Conférence canadienne des étudiants de 1er cycle en mathématiques. Le Comité exécutif a demandé à ce que ce support serve à l'organisation d'une séance consacrée à l'enseignement des mathématiques au 1er cycle.

Tom Kieren remercie Sandy Dawson pour son travail en tant que président au cours des deux dernières années.

5. Le Forum canadien sur l'enseignement des mathématiques

Kathy Heinrich fait rapport sur le Forum, qui s'est tenu à Québec au début de mai. Le but était de regrouper divers intervenants afin qu'ils échangent entre eux et qu'ils réalisent qu'ils font face aux mêmes défis dans l'amélioration de l'enseignement des mathématiques au Canada. Sandy Dawson avait préparé un document de travail résumant les recommandations de diverses études et rencontres antérieures. Les responsables du Forum visaient à ce que celui-ci débouche sur un programme d'action. Kathy invite les membres du GCEDM à réfléchir à l'à-propos d'une organisation parapluie au Canada qui permettrait de parler d'une seule voix sur les questions d'éducation mathématique.

6. Responsables des publications — Sandy Dawson

Sandy explique le retard dans la publication des Actes et s'en excuse au nom du Comité exécutif — Martyn Quigley, qui avait accompli un travail remarquable en tant qu'éditeur, est soudainement déménagé à Brunei en septembre dernier. Le problème de communication est maintenant essentiellement résolu et les membres devraient recevoir les Actes au début de juillet.

L'Exécutif a nommé Yvonne Pothier éditrice des Actes pour les trois prochaines années. Les rapports devant paraître dans les Actes de cette année doivent être acheminés à Yvonne avant le 31 août 1995.

L'Exécutif a nommé Vi Maeers éditrice du Bulletin pour les prochaines années.

Sandy écrira à Martyn pour le remercier pour le travail accompli en tant qu'éditeur des Actes au cours des quatre dernières années.

7. ICME-8 — Bernard Hodgson

Bernard fait rapport sur l'organisation du congrès ICME-8 et mentionne qu'un bon nombre de Canadiens se retrouvent au programme.

8. Rencontres futures — Sandy Dawson

Les dates probables de la rencontre de 1996 à Halifax (Mount Saint Vincent) sont du 31 mai au 4 juin.

Medhat Rahim a invité le Groupe à l'Université Lakehead en 1997. Le Comité exécutif prendra une décision à ce sujet lors de sa réunion de septembre.

Deux invitations ont été reçues pour 1998 : Calgary et UBC.

9. *FLM* — David Wheeler

David annonce qu'il quittera dans deux ans ses fonctions d'éditeur, gérant, etc., etc. de *FLM*. La question de la survie de la revue se pose donc. Est-ce que le GCEDM est prêt à s'y impliquer ?

10. *Élections au Comité exécutif* — Pat Rogers et Gary Flewelling

Gary rapporte qu'Éric Muller et Sandy Dawson ont été élus pour un mandat de deux ans.

11. *Divers*

- a) Le Bulletin de novembre contiendra des informations sur l'accès à Lemac, le service électronique de la SMC.
- b) « Année mathématique 2000 » de l'Union mathématique internationale (IMU) : la SMC et le GCEDM devraient amorcer une réflexion sur des activités mathématiques visant la promotion des mathématiques dans les écoles et auprès du public en général.

Eric Muller, secrétaire-trésorier, GCEDM/CMESG

1996 Election Results

Elections were held earlier than normal this year so that new Executive members could be identified prior to the Annual General Meeting. This change also allows members new to the Executive, both elected and co-opted, to arrange their schedules so as to remain in Halifax for an extra day after the Annual Meeting in order to attend an Executive Meeting.

Joining Eric Muller and Sandy Dawson on the Executive for the coming year will be Mary Crowley, Bernard Hodgson, and Lesley Lee. After balloting was complete, Bernard, Mary and Leslie had a clear majority of votes, but Mary and Lesley were tied. After extended debate amongst the Executive, it was decided that one of Mary or Lesley should take the elected, two-year position, and that the other person should be given one of the co-opted, one-year positions. This was agreed to by both Mary and Lesley. The tie was broken by a flip of a coin with the result that Lesley will hold the two-year position, and Mary will take the one-year position.

The Executive for 1996/1997, with the year of the completion of their term in brackets, are the following:

Sandy Dawson (1997)
Mary Crowley (1997)
Eric Muller (1997)
Bernard Hodgson (1998)
Lesley Lee (1998)

One more co-opted member, for a one-year term, still has to be invited to join the Executive. The process for the identification of this individual was on-going at the time of the publication of this Newsletter.

Newsletter Editor / Editeur du Bulletin

Please submit contributions to / Veuillez envoyer vos contributions à :

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L'EXÉCUTIF DU GCEDM CMESG EXECUTIVE 1996-1997

The members of the executive extend an invitation to you to contact us about any item of interest. If you have something you want to suggest, if you have a concern you wish to raise, if you want more information, etc., please let one of us know. In order to be of service to the membership, we need to be aware of what your interests are.

Les membres du Comité exécutif vous invitent à leur faire part de votre point de vue concernant n'importe quel aspect de la vie du GCEDM. Que ce soit pour transmettre suggestions ou commentaires, ou encore pour être mieux informé, n'hésitez pas à entrer en contact avec l'un d'entre nous. En nous faisant connaître vos intérêts, vous nous aidez à mieux vous servir.

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