



2007
Annual Report to Members
Rapport annuel aux membres

June 3, 2008

Table of Contents

Report of the President and the Advancement of Mathematics Committee (AMC)	1
Rapport du président et du Comité pour l'avancement des mathématiques (CAM)	3
Executive Director's Report	5
Rapport annuel 2007 du Directeur administratif	7
Treasurer's Report	9
Rapport du trésorier	10
Balance Sheet as of December 31, 2007	11
Statement of Revenue and Expenditures year end December 31, 2007	12
Statement of Revenue, Expenditures and changes in Fund Balances, Endowed Funds year end December 31, 2007	13
Budgets - Operations Fund Summary	14
Budgets - General and Education Divisions	15
Budgets - Research and Publications Divisions	16
Education Committee Report	17
Electronic Services Committee Report	19
Endowment Grants Committee Report	20
Finance Committee Report	21
International Affairs Committee Report	22
Invested Funds Committee	23
Mathematical Competitions Committee Report	24
Nominating Committee Report	27
Publications Committee Report	28
Research Committee Report	29
Student Committee Report	31
Women in Mathematics Committee Report	33
Editorial Boards	34
Contributors	35
CMS Executive Committee	36
CMS Board of Directors	36
CMS Executive Office	37
Publications Office	37

The 2007 reports from the President and the Advancement of Mathematics Committee, the Executive Director and the Treasurer are provided in both official languages. The other reports are in the language provided by the chair.

Les rapports 2007 du président, du Comité pour l'avancement des mathématiques, du directeur administratif et du trésorier vous sont offerts dans les deux langues officielles. Les autres rapports sont livrés dans la langue de rédaction d'origine.

Report of the President and the Advancement of Mathematics Committee (AMC)

Thomas S. Salisbury (York)

Advancement of Mathematics Committee (AMC)

T.S. Salisbury (York) Chair

A. T. Lau (Alberta) President-Elect from July 1
 B.J. Jessup (Ottawa)
 N. Nigam (McGill)
 D.A. Pronk (Dalhousie)
 D.L. Rodgers (Michigan) Treasurer
 R.E. Woodrow (Calgary)
 H.E.A. Campbell (Memorial) Past President to June 30
 G.P. Wright (CMS) Executive Director

Fundraising Committee

T.S. Salisbury (York), Chair

H.E.A. Campbell (Memorial) Past President to June 30 and Consultant from July 1
 A.T. Lau (Alberta) President-Elect from July 1
 D.L. Rodgers (Michigan) Treasurer
 R. Woodrow (Calgary) AMC
 G.P. Wright (CMS) Executive Director

The Fundraising Committee is a sub-committee of the AMC.

Mathematics in 2007

The CMS seeks to advance and support all aspects of mathematics in Canada, in both research and education.

Our research meetings and publications are vital to the flourishing Canadian mathematical community. As the national organization that represents our profession, we speak on behalf of mathematics to industry and government. Our Math Camps and Math Competitions programs support mathematics education across Canada, as do our problem-solving publications. These and related efforts aim to stimulate students mathematically, an activity critical to Canada's increasingly knowledge-based economy. Our endowment grants program enables mathematically rooted projects that would not exist otherwise. Our prestigious prizes celebrate excellence in both research and teaching. The community is connected through our newsletters and electronic services, which circulate news, conference announcements, and employment opportunities. Our success in sustaining this broad range of activities is due to the engagement of our community, and to the generosity of our supporters. The Society is immensely grateful to all of our volunteers and sponsors for their commitment to building and strengthening mathematics in Canada. The detailed descriptions of the year's CMS activities, to be found throughout the pages of the annual report, attest to the health of our discipline and to the energy of our members.

Mathematics continued to make news in 2007. Among other things, this left some mathematicians trying to explain the exceptional Lie

group E_8 to the news media, after the announcement of the tour-de-force computation of its Kazhdan-Lusztig polynomials. On the domestic front, the Canadian mathematical community continued to plan for upcoming major meetings, including the *2008 Canada-France Mathematics Congress* in Montreal, and in Vancouver the *2009 Canadian Mathematics Education* forum, the CMS's second meeting with the Sociedad Matemática Mexicana, and the large *2011 International Congress of Applied and Industrial Mathematics*. Important new government support of Mathematics was unveiled, with substantial new funding going to the three major Canadian mathematics research institutes. The reports of the Executive Director and research committee contain details about the two excellent CMS meetings held in 2007, in Winnipeg in June, and in London in December. We look forward to visiting Ottawa for the December 2008 meeting.

Prizes

The society's prestigious scientific prizes (*Coxeter-James, Jeffery-Williams, Krieger-Nelson, Doctoral*) continue to recognize outstanding research contributions. Our education prizes (*Adrien-Pouliot, Excellence in Teaching*) draw national attention to that side of our profession. Further details may be found in the reports of the Research and Education committees. The Publications Committee report describes our prize in that arena, the *G. de B. Robinson award*.

In 2006, the CMS inaugurated a new prize, the *David Borwein Distinguished Career award*. It is given out every two years, but

President's and AMC Report - Continued

in 2007 we took the occasion of the London CMS meeting to present a copy of the striking bronze sculpture on which the award is based, to David and Bessie Borwein.

The 2007 *CMS Distinguished Service Award* was presented in June to our long-serving Executive Director, Graham Wright. Graham has filled that role since 1979, and the importance to the CMS of his dedication and leadership is impossible to overstate. This was in fact the last time the award will be given under that name, since the Board of Directors also decided to rename the prize in future as the *Graham Wright Award for Distinguished Service*. Both these decisions were easy to make - the difficult part was keeping Graham unaware of them prior to the Board meeting!

The achievements recognized by the CMS prizes are truly outstanding. But this high standard relies on a continuing flow of excellent nominations. Please give serious consideration to nominating a deserving colleague.

Advancement of Mathematics

The CMS moved its fundraising activities to a more professional level in 2006, and has been working diligently to enhance the base of individual and corporate support that makes possible many of the activities of the Society. This is a critical task at the present time, given the exposure of the CMS to foreign exchange fluctuations caused by the pricing of our journals in US dollars. Fundraising was handled in 2006 using the CMS's contingency funds, but in 2007 moved into our regular accounting of expenses and revenue.

Progress has been steady though slow. Good supporting materials have been developed (for example, a brochure, the creation of which was spearheaded by David Rodgers), and with the help of Mark Bowman (the CMS Development Coordinator during 2007), the CMS's case has been brought to a wider audience. The ties to long-term supporters, such as the *Imperial Oil Foundation* and *Sun Life Financial* have been strengthened - indeed 2007 saw Sun Life Financial become the title sponsor of our largest mathematics competition. Many Provincial ministries of education have given us support, in recognition of our educational activities. *Nelson Educational Ltd.* renewed its support of the CMS Excellence in Teaching award. The *Jiping (Jim) Liu Memorial Travel fund* was established, which will bring graduate students to Society meetings. An on-line donations facility has been constructed, that has made it simpler for individuals to donate to the CMS. Progress has been made towards forming a US charitable corporation - *Friends of the CMS* - which will make donations to the CMS from the US more tax efficient. As well, active conversations are underway with several other potential donors and foundations, that we hope will bear fruit early in 2008.

In addition to raising funds, the Advancement of Mathematics committee and the Executive committee both gave serious thought to other ways of expanding and strengthening the activities of the Society. One important task is to engage young mathematicians and students in the work of the CMS. Our ability to sustain our broad range of initiatives relies on continuing to attract the efforts and commitment of a high fraction of the country's mathematical scientists.

Executive

As usual, the Executive Committee met four times in 2007; at the meetings of the Society, and again in April and October, at the Fields Institute. The CMS executive committee changed over mid-year. It was a pleasure working with Eddy Campbell, Jason Brown, Ram Murty, Ed Perkins, and Bruno Rémillard on the outgoing executive, and I would like to thank them all for their dedicated service to the society. We have an excellent new team in place, consisting of Tony Lau, Michael Bennett, Gordon MacDonald, Yvan Saint-Aubin, and Catherine Sulem. Graham Wright will be stepping down as Executive Director at the end of 2008, and a major challenge in 2007 was to find a suitable person to take over. I am very pleased that Joseph Houry (currently chair of the Education committee) has agreed to do so.

Other Issues

The funding structure at NSERC is under review, and the mathematical community has struck a new Liaison committee to monitor that process on our behalf. Our President-Elect Tony Lau represents the CMS in that venue. Among the other initiatives the CMS is involved in, not mentioned elsewhere, is a new *CMS/Manitoba graduate fellowship* at the University of Manitoba. Budgetarily, 2007 was a difficult year, between exchange rates and the absence of PromoScience funding. But efforts are being made to improve matters for 2008, and every indication points to success on that front.

Thanks

The society is extremely grateful to its many partners, sponsors, supporters, and volunteers - including meeting organizers, editors, committee members, and the champions of our targeted activities. Special thanks go to the staff of the CMS Executive and TeX Offices, whose excellent work makes our programs possible. I must particularly thank Graham Wright for the support he provided the President through 2007.

Rapport du président et du Comité pour l'avancement des mathématiques (CAM)

Thomas Salisbury (Université York)

Comité pour l'avancement des mathématiques (CAM)

T.S. Salisbury (York) président

A.T. Lau (Alberta) président-élu du 1 juillet

B.J. Jessup (Ottawa)

N. Nigam (McGill)

D.A. Pronk (Dalhousie)

D.L. Rodgers (Michigan) trésorier

R.E. Woodrow (Calgary)

H.E.A. Campbell (Memorial) président-sortant au 30 juin

G.P. Wright (CMS) directeur administratif

Comité de la collecte de fonds

T.S. Salisbury (York), président

H.E.A. Campbell (Memorial) président-sortant au 30 juin et consultant du 1 juillet

A.T. Lau (Alberta) président-élu du 1 juillet

D.L. Rodgers (Michigan)

R. Woodrow (Calgary) CAM

G.P. Wright (CMS) directeur administratif

Le Comité de la collecte de fonds est un sous-comité du CAM.

Les mathématiques en 2007

La SMC s'attache à promouvoir tous les domaines des mathématiques au Canada, en recherche comme en éducation.

Nos réunions scientifiques et nos publications sont essentielles à l'essor de la communauté mathématique canadienne. En tant qu'organisme national qui représente notre profession, la SMC se fait le porte-parole de la communauté mathématique auprès de l'industrie et des gouvernements. Nos camps et concours mathématiques renforcent l'enseignement des mathématiques dans tout le Canada, tout comme nos revues de résolution de problèmes. Ces activités et autres initiatives connexes visent à stimuler l'intérêt des jeunes pour les mathématiques. C'est là une préoccupation de plus en plus importante pour le Canada dans le contexte de l'économie du savoir. Notre programme de bourses de fonds de dotation permet la réalisation de projets mathématiques qui ne verraient pas le jour autrement. Nos prestigieux prix soulignent l'excellence en recherche et en enseignement. Nous maintenons les liens entre les membres de la communauté grâce à nos bulletins et à nos services électroniques, où nous diffusons des nouvelles, des annonces de congrès et des offres d'emplois. Notre capacité d'offrir une gamme si vaste d'activités est largement attribuable à l'engagement de la communauté et à la générosité de nos partenaires. La Société doit une fière chandelle à tous ses bénévoles et commanditaires pour leur engagement envers l'essor des mathématiques au Canada. La description détaillée des activités de cette année à la SMC, que vous lirez dans ce rapport annuel, témoigne de la vitalité de notre discipline et de l'énergie de nos membres.

Les mathématiques ont continué à faire les manchettes en 2007. Entre autres, certains mathématiciens essaient encore d'expliquer le groupe de Lie exceptionnel E_8 aux médias après l'annonce du calcul spectaculaire de ses polynômes de Kazhdan-Lusztig. Chez nous, la communauté mathématique a poursuivi sa planification de grands congrès, notamment le *Congrès de mathématiques Canada-France 2008* (Montréal) et le *Forum canadien sur l'enseignement des mathématiques 2009* (Vancouver), le deuxième congrès de la SMC en collaboration avec la Société mexicaine de mathématiques, ainsi que l'imposant *Congrès international de mathématiques appliquées et industrielles* de 2011. D'importants

fonds publics ont été annoncés en mathématiques, notamment pour les trois grands instituts mathématiques canadiens. Les rapports du directeur administratif et du Comité de la recherche contiennent tous les détails des deux excellentes réunions de la SMC tenues en 2007, l'une à Winnipeg en juin, l'autre à London en décembre. Ce sera avec grand plaisir que nous nous réunirons à Ottawa en décembre 2008 pour la prochaine Réunion d'hiver.

Prix

Par ses prestigieux prix (Coxeter-James, Jeffery-Williams, Krieger-Nelson, Doctorat), la SMC continue de souligner les contributions exceptionnelles à la recherche. Nos prix d'éducation (Adrien-Pouliot, Excellence en enseignement) attirent l'attention sur la scène nationale vers cet aspect de notre profession. Vous trouverez tous les détails dans le rapport du Comité de la recherche et du Comité d'éducation. Le rapport du Comité des publications décrit pour sa part notre prix dans le domaine des publications (G. de B. Robinson).

En 2006, la SMC a inauguré le prix David-Borwein récompensant l'ensemble de la carrière d'un de mathématicien émérite. Ce prix est décerné aux deux ans, mais nous avons profité de la Réunion de la SMC 2007 à London pour remettre une reproduction de la magnifique statuette de bronze, à l'origine de ce prix, à David et Bessie Borwein.

Le Prix pour service méritoire 2007 a été remis en juin à notre directeur administratif, Graham Wright, avec nous depuis 1979. On ne saura jamais trop exagérer l'importance de son dévouement et de son leadership pour la SMC. C'était en fait la dernière fois que ce prix sera attribué sous ce nom, car depuis, le Conseil d'administration a décidé de renommer le prix « Prix Graham-Wright pour service méritoire ». Ces deux décisions ont été faciles à prendre. Le plus difficile aura été de ne rien dévoiler à Graham avant la réunion du conseil!

Les réalisations soulignées par les prix de la SMC sont véritablement hors du commun. Pour maintenir ce niveau élevé, nous avons toutefois besoin d'un riche bassin de nominations. Nous vous incitons à proposer la candidature de collègues méritants.

Rapport du président et du Comité pour l'avancement des mathématiques (CAM)

suite

Avancement des mathématiques

La SMC a rehaussé d'un cran le niveau de ses activités de financement en 2006. Depuis, elle travaille très fort à élargir son bassin de donateurs particuliers et d'entreprises afin de recueillir le soutien qui rend possible un grand nombre des activités de la Société. Il s'agit d'un travail crucial en ce moment, compte tenu de la vulnérabilité de la SMC aux fluctuations du taux de change, le prix de nos revues étant établi en dollars américains. En 2006, la campagne de financement a été réalisée grâce au fonds de prévoyance de la SMC; en 2007, les dépenses ont toutefois été transférées au budget de fonctionnement général.

Nous progressons sûrement, mais lentement. Nous possédons maintenant du matériel promotionnel de qualité (un dépliant par exemple, dont la création a été initiée par David Rodgers) et, avec l'aide de Mark Bowman (coordonnateur du développement de la SMC en 2007), la SMC s'est fait connaître à un vaste public. Nous avons également resserré nos liens avec nos partenaires de longue date, notamment la Fondation Pétrolière Impériale et la Financière Sun Life. Depuis 2007, la Financière Sun Life est d'ailleurs commanditaire en titre de notre principal concours mathématique. Bon nombre de ministères de l'éducation provinciaux appuient aussi nos activités éducatives. Nelson Educational Ltd. a en outre renouvelé son appui au Prix d'excellence en enseignement de la SMC. La Société a également créé le Fonds de voyage commémoratif Jiping (Jim) Liu, qui procurera aux étudiants aux cycles supérieurs une aide financière pour assister aux réunions de la Société. Nous avons de plus créé une page web qui facilite la tâche des donateurs de la SMC. Nous avons aussi entrepris des démarches pour créer un organisme à but non lucratif aux États-Unis – *Friends of the CMS* – grâce auquel les donateurs américains auront droit à des avantages fiscaux. Nous avons également entrepris des pourparlers avec plusieurs fondations et donateurs potentiels, que nous avons bon espoir de voir fructifier en 2008.

Outre ses activités de financement, le Comité pour l'avancement des mathématiques et le Comité exécutif ont réfléchi sérieusement à d'autres moyens d'étendre et de renforcer les activités de la Société. L'une de nos principales tâches consiste à inciter les jeunes mathématiciens et les étudiants à s'engager au sein de la SMC. Notre capacité de poursuivre ses nombreuses activités repose sur le travail et l'engagement d'une forte proportion des mathématiciens du pays.

Exécutif

Comme d'habitude, le Comité exécutif s'est réuni à quatre reprises en 2007, soit à l'occasion des deux réunions de la Société ainsi qu'en avril et en octobre, à l'Institut Fields. Le Comité exécutif de la SMC s'est renouvelé en cours d'année. Ce fut un plaisir de travailler avec Eddy Campbell, Jason Brown, Ram Murty, Ed Perkins et Bruno Rémillard au sein de l'ancien comité, et j'aimerais les remercier chaleureusement de tout ce qu'ils ont fait pour la Société. La nouvelle équipe, aussi excellente, se compose de Tony Lau, Michael Bennett, Gordon MacDonald, Yvan Saint-Aubin et Catherine Sulem. Graham Wright quittera également son poste de directeur administratif à la fin de 2008. Nous avons travaillé fort en 2007 pour lui trouver un bon remplaçant. C'est avec grand plaisir que nous accueillerons Joseph Khoury (qui préside en ce moment le Comité d'éducation) à la direction de la Société.

Autres sujets

Le CRSNG revoit en ce moment sa structure de financement, et la communauté mathématique a formé un nouveau comité de liaison pour suivre ce processus en notre nom. Notre président élu, Tony Lau, représente la SMC à ce comité. Entre autres initiatives auxquelles participe la SMC, mentionnons la création d'une Bourse d'études supérieures SMC-Manitoba à l'Université du Manitoba. L'année 2007 n'aura pas été facile du point de vue financier, en raison de la baisse du dollar américain et de l'absence du financement de PromoScience. Nous nous efforçons toutefois d'améliorer la situation en 2008, et tout nous porte à croire que nous y parviendrons.

Remerciements

La Société est extrêmement reconnaissante envers ses nombreux partenaires, commanditaires et bénévoles, notamment les organisateurs de congrès, rédacteurs, membres de comités et maîtres d'œuvre de nos activités ciblées. Je remercie tout spécialement le personnel du bureau administratif et du Centre de rédaction TEX de la SMC, dont le travail extraordinaire assure la continuité de nos programmes. Je dois remercier en particulier Graham Wright de son aide précieuse envers le président en 2007.

Executive Director's Report

Graham P. Wright (Ottawa)

A Difficult and Surprising Year

General:

In January 2007, Rachel Cunningham joined the Executive Office staff as the Administrative Assistant. The Membership and Publications Agent, Liliane Sousa, left in October to become an independent contractor and Tina Shore, the CMS Database Clerk, also left in October to take a position at Entrust. I wish to thank Liliane for her seven years of dedicated service and Tina for her significant contributions since 2004. Laura Alyea was hired as the Membership and Publications Assistant in October and, in December, Denise Charron took over as the Membership and Publications Agent.

The staff changes were achieved with only a minimal impact on the Society's administrative operations. I would like to acknowledge and thank all of the Executive Office staff for their help and support in 2007.

The 2 for 1 membership offer that has been in effect for the past several years continues to attract new members and the retention rate for these new members is very good. NSERC rules now allow membership fees to be paid from an NSERC grant and many members have taken advantage of this change in policy. In addition to the work to maintain existing members and to attract new members, significant efforts are being taken to maintain and, where possible, increase the number of subscriptions to each of the Society's periodicals. CRUX with MAYHEM has the potential for many more subscribers and a campaign to promote this journal to high schools and colleges is underway.

The agreement with the Statistical Society of Canada (SSC) was renewed in June 2007 and the CMS Executive Office will continue to provide membership and related services for the SSC to 2010. Thanks to the efforts of Alan Kelm, the CMS Web Services Manager, an on-line registration system was developed for the SSC 2007 Annual Meeting and the new system was launched in February. The system worked very well and is being modified for the 2008 SSC meeting which will be a joint meeting with the Société Française de Statistique.

In June 2007, Eddy Campbell, Jason Brown, Ram Murty, Edwin Perkins, and Bruno Rémillard ended their terms on the Executive Committee. Also in June 2006, M.R. Bremner, J.I. Brown, H.E.A. Campbell, M. Davison, M. Frigon, T. Gannon, J. Janssen, A. Khalil, D. Kucerovsky, M. Mosca, M.R. Murty, E. Perkins, B. Rémillard, J. Steprans, J.A. Toth, S. Wagon, and H.C. Williams completed four years of service on the Society's Board of Directors. Effective August 31, 2007, David Rodgers and Edward Barbeau ended their terms as chairs of the Electronic Services

Committee and the Mathematical Competitions Committee, respectively, and David Promislow (Invested Funds Committee), Rick Jardine (Research Committee) and Gerda de Vries (Women in Mathematics Committee) completed their terms as chairs at the end of 2007. I wish to thank all of these members and colleagues for all their help and guidance.

Finances and Fund Raising:

The past year has been a very difficult one financially. The significant raise in the value of the Canadian dollar has resulted in foreign exchange revenues disappearing. The total foreign exchange revenue was \$180,000 in 2005 and \$100,000 in 2006.

A large increase in postal rates for subscribers outside North America came into effect mid-way through 2007. This increase had not been anticipated and, together with the loss of foreign exchange revenues and other factors which negatively impacted subscription revenues, resulted in the Board of Directors reluctantly agreeing to further increase the 2008 rates for the Canadian Journal of Mathematics and the Canadian Mathematical Bulletin from those that had been approved by the Board at the December 2006.

A major financial concern for the CMS is the current level of the financial subsidy for each semi-annual meeting. An article describing the situation appeared in the November issue of the Notes and clearly the CMS is facing a number of important challenges for continuation of the meetings program in its current form. The matter was discussed and options considered at the 2007 Winter Meeting. The possibility of only having one meeting per year (June or December) was raised but the strong view of the membership is that two meetings each year are very beneficial for the health of the Canadian mathematical community. In early 2008, a survey of meeting organizers and participants will be undertaken. The Finance and Executive Committees will be reviewing the matter in April 2008 and recommendations to reduce the level of financial subsidy presented to the Board in June 2008.

Prior to 2007, the Finance Committee had the responsibility for reviewing the Society's Endowed Funds and Contingency Fund investments. These investments are pooled and, since 1993, have been managed by TD Capital Asset Management. The Invested Funds Committee is now charged with the responsibility of reviewing the Society's investment portfolio. The Committee not only has the responsibility for ensuring that the Principles for the Preservation of Capital are followed but also for determining the amounts that are allocated from the capital for each Endowed Fund for annual expenditures. Currently, the investment strategy for the CMS Endowed Funds and the Contingency Fund are the

Executive Director's Report - *Continued*

same and Committee is considering if the strategy should remain the same.

In 2006, the Society decided to invest in a significant fund raising campaign and Mark Bowman was hired as the CMS Development Coordinator. Some successes were achieved in 2006 and the fund raising goal for 2007 although significant was realistic. Fund-raising and promotional materials were developed and requests for support sent to existing and potential donors. Some successes were achieved (further details can be found in the Report from the President and Advancement of Mathematics Committee) but the 2007 fund-raising goal was not achieved. Although fund-raising remains a crucial activity for the Society, the program is being re-configured for 2008. It is hoped that we can build on the successes to-date but with a different and less costly approach.

The CMS is very grateful and appreciative to all those corporations, foundations, provincial governments, research institutes, and members who supported our activities in 2007.

Publishing Activities:

Thanks to all the editors and others involved, all Society's periodicals appeared on-time or ahead of schedule. Jim Totten's term as Editor-in-Chief of CRUX with MAHEM was due to end at the end of 2007. Vaslav Linek has been appointed to take-over from Jim. To permit a smooth transition of responsibilities, Jim and Valsav were to be Editors-in-Chief for the first six months of 2008 after which Vaslav would become the Editor-in-Chief. Jim Totten died suddenly on March 9, 2008. The Society is indebted to Jim for his valuable and considerable work as Editor-in-Chief of Crux with MAYHEM. He was a long-time friend of the Society and he will be long remembered.

The past year has also been a successful for the Society's other publications activities.

- The CMS Book Series with Springer now has 27 books in print with two released in 2007. It is anticipated that three will appear in 2008.
- A Taste of Mathematics (ATOM) - Volume VII (Problems of the Week) was published in 2007.
- "Summa Sumarium", the first book in the CMS Treatises in Mathematics was published in 2007. This is a joint publishing initiative with A.K. Peters Inc. Two books are scheduled for publication in 2008.
- The CMS also has a co-publishing agreement with the Mathematical Association of America for a series of books in problem-solving. The first two books in this series should be published in 2008. One will feature

a wealth of problems posed by Murray Klamkin and the second "The Alberta High School Mathematics Competition" written by Andy Liu.

Meetings:

The 2007 Summer Meeting was hosted by the University of Winnipeg and was a joint meeting with MITACS. The 2007 Winter Meeting was hosted by the University of Western Ontario. Thanks go to the Meeting Directors: Don Dawson (Carleton), Fereidoun Ghahramani (Manitoba) for the 2007 Summer Meeting and to Rick Jardine (Western) for the 2007 Winter Meeting, to the Chairs for Local Arrangements; to Abba Gumel (Manitoba) and David Riley (Western), and to the many session organizers for all their efforts in making both meetings extremely successful. I also wish to thank MITACS for all their help with the 2007 joint meeting, particularly Arvind Gupta, Olga Stolompovich and Jo-Anne Rockwood.

Although the CMS Executive Office, particularly Gertrud Jeewanjee, Meeting Coordinator, provides a considerable level of assistance, all CMS meetings depend on the support of the host university and the research institutes. The CMS is very grateful to all those who helped make our 2007 meetings extremely successful.

The Second Canada France Congress will take place in Montréal in June 2008. Nassif Ghoussoub, Octav Cornea, François Loeser and Christiane Rousseau have put together a very impressive program and the 2008 Summer Meeting will be a special and memorable event.

Thanks:

At the 2007 Summer Meeting in Winnipeg, I was surprised and privileged to receive the 2007 Distinguished Service Award. I was shocked and "speechless" to learn that the Society had also given me the extraordinary honor of renaming the Award in 2008 as the "Graham Wright Award for Distinguished Service". It has been my pleasure to serve as the Society's Executive Director since 1979 and to be fortunate to collaborate with so many friends and colleagues within the mathematical community. I sincerely thank the Society, particularly Thomas Salisbury, Eddy Campbell and the Executive Committee and Board of Directors for a most unexpected recognition and tribute.

Rapport annuel 2005 du directeur administratif

Graham P. Wright (Ottawa)

Une année difficile et surprenante

Généralités

En janvier 2007, Rachel Cunningham s'est jointe à l'équipe du bureau administratif en tant qu'adjointe administrative. En octobre dernier, Liliane Sousa, responsable de l'adhésion et des publications, nous a quittés pour se lancer à son compte et Tina Shore, commis à l'adhésion et aux publications, a accepté un poste chez Entrust. Je remercie Liliane pour ses sept années de loyaux services et Tina pour son importante contribution au bureau depuis 2004. Laura Alyea est notre nouvelle commis à l'adhésion et aux publications depuis octobre, et Denise Charron, notre responsable de l'adhésion et des publications depuis décembre.

Ce roulement de personnel a eu des répercussions minimales sur les activités administratives de la Société. J'aimerais remercier tous les membres du personnel du bureau administratif de leur aide et de leur soutien en 2007.

Notre offre de deux années d'adhésion pour le prix d'une, en vigueur depuis plusieurs années déjà, continue d'attirer de nouveaux membres, que nous réussissons à garder dans une très bonne proportion. De nombreux membres ont profité du fait que le CRSNG permet désormais l'utilisation de ses subventions de recherche pour payer l'adhésion à une société professionnelle. Outre les efforts déployés pour conserver nos membres et en attirer de nouveaux, nous nous efforçons de maintenir et même d'augmenter, si possible, le nombre d'abonnements à chacune des publications de la Société. CRUX with MAYHEM pourrait encore attirer de nombreux abonnés; une campagne de promotion de cette revue est d'ailleurs en cours dans les écoles secondaires et les collègues.

En juin 2007, nous avons renouvelé notre entente avec la Société statistique du Canada (SSC); notre bureau continuera donc à offrir divers services administratifs (adhésion, etc.) à la SSC jusqu'en 2010. Un nouveau système d'inscription en ligne a été développé par Alan Kelm, responsable des services web de la SMC, pour l'assemblée générale annuelle 2007 de la SSC. Lancé en février 2007, le système a très bien fonctionné et sera modifié en vue du congrès 2008 de la SSC, organisé de concert avec la Société française de statistique.

En juin 2007, Eddy Campbell, Jason Brown, Ram Murty, Edwin Perkins et Bruno Rémillard ont terminé leur mandat au Comité exécutif. Le même mois, M.R. Bremner, J.I. Brown, H.E.A. Campbell, M. Davison, M. Frigon, T. Gannon, J. Janssen, A. Khalil, D. Kucеровsky, M. Mosca, M.R. Murty, E. Perkins, B. Rémillard, J. Steprans, J.A. Toth, S. Wagon, et H.C. Williams ont

terminé quatre années de service au Conseil d'administration de la Société. Le 31 août 2007, David Rodgers et Edward Barbeau ont aussi fini leur mandat respectif à la présidence du Comité des services électroniques et du Comité des concours mathématiques, et David Promislow (Comité des investissements), Rick Jardine (Comité de la recherche) et Gerda de Vries (Comité des femmes en mathématiques) ont aussi terminé leur mandat de président ou présidente à la fin de 2007. Je remercie tous ces membres et collègues de leur aide et de leurs conseils.

Finances et campagne de financement

La dernière année a été très éprouvante financièrement. La hausse considérable de la valeur du dollar canadien a éliminé nos recettes provenant du taux de change. Ces recettes s'élevaient à 180 000 \$ en 2005 et à 100 000 \$ en 2006.

Une forte hausse des tarifs postaux pour l'extérieur de l'Amérique du Nord est entrée en vigueur au milieu de l'année 2007. Cette augmentation imprévue, jumelée à la perte de recettes liées au taux de change et à d'autres facteurs qui ont fait diminuer les recettes d'abonnement, ont forcé le conseil d'administration à augmenter, bien à contrecœur, les tarifs d'abonnement 2008 du Journal canadien de mathématiques et du Bulletin canadien de mathématiques par rapport aux prix adoptés par le conseil en décembre 2006.

L'une des grandes préoccupations financières de la SMC est le montant actuel de financement accordé à chacune de nos réunions semestrielles. Comme on pouvait le lire dans un article à ce sujet publié dans les Notes de novembre, il est clair que la SMC a de gros obstacles à surmonter si elle veut maintenir le rythme des rencontres actuelles. Nous avons discuté de la situation et envisagé diverses options à la Réunion d'hiver 2007. La possibilité de ne tenir qu'une Réunion par année (en juin ou en décembre) a été soulevée, mais les membres ont souligné avec grande insistance l'importance de tenir deux rencontres par année pour la vitalité de la communauté mathématique canadienne. Au début de 2008, nous ferons un sondage auprès des organisateurs et des participants de nos Réunions. Le Comité des finances et le Comité exécutif en étudieront les résultats en avril 2008 et recommanderont au conseil, en juin 2008, des moyens de réduire le financement nécessaire.

Avant 2007, l'examen des investissements dans le fonds de dotation et le fonds de prévoyance de la Société était confié au Comité des finances. Ce sont des investissements regroupés qui sont gérés par Gestion de Placements TD Inc. depuis 1993. C'est désormais le Comité des investissements qui gère le portefeuille de la Société. Ce comité est chargé de veiller au respect des principes de préservation du capital, mais aussi de déterminer les

Rapport du directeur administratif - suite

montants du capital à investir dans chaque fonds de dotation pour les dépenses annuelles. En ce moment, la stratégie appliquée au fonds de dotation et au fonds de prévoyance est la même, mais le comité pourrait revoir cette décision.

En 2006, la Société a décidé d'investir dans une grande campagne de financement et a embauché Mark Bowman en tant que Coordonnateur du développement dans cette optique. Cette campagne a connu un certain succès en 2006, et l'objectif de financement de 2007, quoiqu'appréciable, était réaliste. Du matériel de promotion et du matériel de collecte de fonds a été mis au point, et des demandes d'appui ont été envoyées à nos donateurs actuels et à des donateurs potentiels. Malgré les résultats obtenus (pour de plus amples renseignements, consulter le rapport du président et celui du Comité pour l'avancement des mathématiques), nous n'avons pas atteint notre objectif de financement en 2007. Si les activités de financement demeurent cruciales pour la Société, le programme sera remanié en 2008. Nous espérons pouvoir profiter des efforts déployés jusqu'à présent, tout en adoptant une stratégie différente et moins coûteuse.

La SMC remercie sincèrement les entreprises, les fondations, les gouvernements provinciaux, les instituts de recherche et les membres qui ont soutenu ses activités en 2007.

Activités de publication :

Grâce à nos équipes de rédaction et à toutes les autres personnes qui prennent part à ces activités, tous les périodiques de la Société ont paru à la date prévue ou même avant. Je remercie Jim Totten, dont le mandat s'est terminé à la fin de 2007, de son excellent travail à titre de rédacteur en chef du CRUX with MAYHEM. Vasilav Linek a accepté de le remplacer à ce poste. Toutefois, pour assurer une transition en douceur, Jim et Vasilav se partageront le poste durant la première moitié de 2008, après quoi Vasilav fera cavalier seul.

Les autres activités de publication de la Société ont aussi très bien fonctionné en 2007.

- La collection Ouvrages de mathématiques de la SMC, en partenariat avec Springer, compte maintenant 27 titres, dont deux nouvelles parutions en 2007. On attend trois nouveaux titres en 2008.
- Le volume VII (Problems of the Week) de la collection ATOM (Aime-t-on les mathématiques) est paru en 2007.
- Summa Sumarium, premier volume de la collection Traités mathématiques de la SMC, a été publié en 2007. La publication se fait en partenariat avec A.K. Peters Inc. Deux traités devraient paraître en 2008.
- La SMC a également signé une entente de publication en partenariat avec la Mathematical Association of

America pour une collection d'ouvrages de résolution de problèmes. Les deux premiers titres de cette collection devraient paraître en 2008. Dans l'un de ces ouvrages, Murray Klamkin proposera un large éventail de problèmes, et le second titre, signé Andy Liu, portera sur le concours mathématique albertain pour élèves du secondaire.

Réunions :

La Réunion d'été 2007, tenue à l'Université de Winnipeg, a été organisée en collaboration avec le Réseau MITACS. La Réunion d'hiver 2007 s'est pour sa part tenue à l'Université Western Ontario. Je tiens à remercier les directeurs de Réunion Don Dawson (Carleton) et Fereidoun Ghahramani (Manitoba) pour la Réunion d'été et Rick Jardine (Western) pour la Réunion d'hiver; les présidents du Comité de logistique locale; Abba Gumel (Manitoba) et David Riley (Western), ainsi que les nombreux organisateurs de session de leur travail incroyable, qui a assuré le succès retentissant de ces rencontres. Merci également au Réseau MITACS de son travail dans le cadre du congrès conjoint 2007, et un merci particulier à Arvind Gupta, à Olga Stolompovich et à Jo-Anne Rockwood.

Même si le bureau administratif – en particulier Gertrud Jeewanjee, coordonnatrice des Réunions – intervient beaucoup dans l'organisation des Réunions, toutes dépendent du soutien de l'établissement hôte et des instituts de recherche. La SMC doit une fière chandelle à toutes les personnes qui ont contribué à l'immense succès de ses Réunions en 2007.

Le deuxième Congrès Canada-France se déroulera à Montréal en juin 2008. Nassif Ghousoub, Octav Cornea, François Loeser et Christiane Rousseau ont composé un programme épatant, qui fera de la Réunion d'été 2008 un événement mémorable.

Remerciements :

À la Réunion d'été 2007, à Winnipeg, j'ai eu l'immense surprise et le privilège de recevoir le Prix pour service méritoire 2007. Aussi étonné que bouche bée, j'ai alors appris que la Société me faisait l'extraordinaire honneur de renommer ce prix « Prix Graham-Wright pour service méritoire » à compter de 2008. Je suis très heureux de servir la Société à titre de directeur administratif depuis 1979, et je m'estime choyé d'avoir pu collaborer avec de si nombreux amis et collègues de la communauté mathématique. Je remercie sincèrement la Société, en particulier Thomas Salisbury, Eddy Campbell ainsi que le Comité exécutif et le Conseil d'administration, de cet hommage tout à fait inattendu.

Treasurer's Report

David Rodgers

In September 2007, the projected deficit in the Operations Fund for 2007 was \$158,099. Through a combination of reduced projected expenses and increased projected revenues, the audited 2007 statement shows a deficit of \$129,674. Most of the 2007 deficit is due to an unanticipated mid-year increase in non-North American postage rates, the dramatically weakened US dollar, and the inability to achieve 2007 fund-raising goals.

For 2008, the following adjustments have been made:

- The Board of Directors, at the December 2007 meeting, approved a supplemental increase in 2008 subscription rates to bring them to an overall 6.6% to cover increased production and postage costs
- Render financially neutral a decision to add pages to the *Journal* by making a slight change to the page size.
- Redouble efforts to approach CMS members, and subscribers for the *Journal* and *Bulletin*, who have not renewed for 2008, and to grow the subscription base for *CRUX with MAYHEM*.
- Eliminate *all* foreign exchange revenue (~\$75K/year) from the 2008 budget.
- Reduce the fund-raising goal to \$100K in new money *and* take the fundraising function in-house to reduce *significantly* the associated fund-raising expenses.
- Institute a formal quarterly review of key financial indicators benchmarked against 2007 results

At the June, 2008, Board of Directors Meeting, the Finance Committee is expected to recommend changes to CMS Meetings in the areas of speaker support and registration fees that will reduce the level of Society subsidy required for meetings beginning with the winter 2008 meeting.

In addition, for 2008, the CMS has *already* received the following commitments that grow out of 2007 fund-raising initiatives:

- Sun Financial: title sponsorship of the Canadian Open Mathematical Challenge for 3 years.
- NSERC PromoScience support of CMS Math Camps for 3 years
- Crabtree Foundation: 3-year commitment
- TD Financial Group: 3-year commitment
- RBC Foundation: support for 2008

The state of global markets presents ongoing challenges to fund-raising initiatives by any non-profit organization. Nevertheless, fund-raising materials have been re-written for 2008 goals and contacts with prospective donors are underway.

At their December 2007 meeting, the Board of Directors took the unusual action of approving a deficit budget for 2008, largely the result of *one-time* costs associated with the Executive Director transition from Graham Wright to Joseph Khoury. Every effort will be made to reduce the projected 2008 deficit as much as possible.

Friends of the Canadian Mathematical Society (FCMS) was incorporated in 2007 to support the CMS mission and its application for 501(c)3 status is under review by the US Internal Revenue Service. Once certification is approved, FCMS is positioned to accept donations tax-advantaged to US citizens and corporations.

Rapport du trésorier

David Rodgers

En septembre 2007, le déficit prévu au budget de fonctionnement pour l'année en cours s'élevait à 158 099 \$. En réduisant certaines dépenses et grâce à une augmentation des recettes, nous terminons l'année avec un déficit de 129 674 \$. La majeure partie de ce déficit est due à une augmentation imprévue en cours d'année des tarifs postaux à l'extérieur du continent nord-américain, à la chute vertigineuse du dollar américain et à l'impossibilité d'atteindre les objectifs de financement de 2007.

En 2008, nous avons procédé aux changements suivants :

- En décembre 2007, le Conseil d'administration a approuvé une hausse supplémentaire des tarifs d'abonnement 2008 – augmentation totale de 6,6 % – afin de compenser la hausse du coût de production et d'expédition.
- Nous avons ajouté des pages au *Journal* sans toutefois en augmenter le coût en modifiant légèrement les dimensions de la publication.
- Nous avons redoublé d'efforts pour convaincre les membres de la SMC et les abonnés du *Journal* et du *Bulletin* qui n'avaient pas renouvelé en 2008 de le faire, et pour augmenter le nombre d'abonnés du *CRUX with MAYHEM*.
- Nous avons éliminé tout revenu associé au taux de change (~ 75 000 \$/an) du budget 2008.
- Nous avons réduit l'objectif de la campagne de financement à 100 000 \$ de nouvelles contributions et ramené le travail de financement à l'interne afin de réduire *considérablement* les dépenses à ce poste.
- Nous avons mis en place un examen trimestriel formel des principaux indicateurs financiers pour les comparer aux résultats de 2007.

À la réunion de juin 2008 du Conseil d'administration, le Comité des finances devrait recommander des changements aux Réunions de la SMC (notamment par rapport aux subventions accordées aux conférenciers et aux droits d'inscription) qui réduiront la contribution de la SMC à ses rencontres semestrielles à compter de la Réunion d'hiver 2008.

Aussi pour 2008, la SMC a *déjà* obtenu les engagements financiers suivants, qui découlent des activités de financement de 2007 :

- Financière Sun Life : commanditaire en titre du Défi ouvert canadien de mathématiques pour 3 ans
- Camps PromoScience CRSNG/SMC : soutien aux camps de mathématiques de la SMC pour 3 ans
- Fondation Crabtree : engagement de 3 ans
- Groupe financier TD : engagement de 3 ans
- Fondation RBC : financement pour 2008

La situation des marchés mondiaux constitue un enjeu continu pour le financement de tout organisme sans but lucratif. Nous avons néanmoins refait tout notre matériel promotionnel dans l'espoir d'atteindre nos objectifs de 2008, et nous établissons des contacts avec des donateurs potentiels.

Exceptionnellement, à sa réunion de décembre 2007, le Conseil d'administration a adopté un budget déficitaire pour 2008, en grande partie en raison du coût *non récurrent* associé à la transition de Graham Wright à Joseph Khoury au poste de directeur administratif. Tous les efforts seront déployés pour finir avec le plus petit déficit possible en 2008.

La SMC a créé l'organisme de charité *Friends of the Canadian Mathematical Society (FCMS)* en 2007 pour soutenir sa mission, et sa demande en vertu de l'article 501(c)3 est à l'étude au US Internal Revenue Service. Une fois cette demande approuvée, l'organisme pourra accepter des dons d'entreprises et de citoyens américains donnant droit à des avantages fiscaux.

Balance Sheet as of December 31, 2007

ASSETS	Operations Fund \$	Contingency Fund \$	Endowment Fund Capital \$	Endowment Fund Operations \$	Mathematical Olympiads Fund Capital \$	Mathematical Olympiads Fund Operations \$	Borwein Distinguished Career Fund Capital \$	Borwein Distinguished Career Fund Operations \$	2007 Total \$	2006 Total \$
Current Assets										
Cash	83,660								83,660	146,690
Short-term Investments	24,146								24,146	16,682
Accounts receivable	187,680	26,038							213,718	318,922
Budget advances	1,557								1,557	968
Prepaid expenses	63,329								63,329	58,781
Due from (to) specified fund	89,280	(87,603)	(14,249)	23,367	(8,060)		(2,473)	(262)		
	449,652	(61,565)	(14,249)	23,367	(8,060)	0	(2,473)	(262)	386,410	542,043
Investments	1,335	904,466	427,246		211,279		55,979		1,600,305	1,572,146
Capital assets	45,084								45,084	44,809
	496,071	842,901	412,997	23,367	203,219	0	53,506	(262)	2,031,799	2,158,998
Liabilities										
Current liabilities										
Accounts payable and accrued liabilities	227,593			23,500					251,093	196,057
Deferred revenue	223,394	104,634							328,028	474,464
	450,987	104,634		23,500		0			579,121	670,521
Fund Balances										
Invested in capital assets	45,084								45,084	44,809
Restricted		738,267	412,997	(133)	203,219		53,506	(262)	1,407,594	1,443,668
	45,084	738,267	412,997	(133)	203,219	0	53,506	(262)	1,452,678	1,488,477
	496,071	842,901	412,997	23,367	203,219	0	53,506	(262)	2,031,799	2,158,998

Statement of Revenue and Expenditures year ended December 31, 2007

	GENERAL DIVISION		PUBLISHING DIVISION		RESEARCH DIVISION		EDUCATION DIVISION		TOTAL	
	2007 \$	2006 \$	2007 \$	2006 \$	2007 \$	2006 \$	2007 \$	2006 \$	2007 \$	2006 \$
Revenue										
Grants		17,000			101,922	37,100	67,048	85,364	168,970	139,464
Donations	10,145	33,023	1,018	717	831	631	74,383	85,977	86,377	120,348
Membership fees	111,985	102,841							111,985	102,841
Registration fees and other sales					166,002	140,481	105,876	100,680	271,878	241,161
Subscriptions and publications	7	5	744,795	723,528	160	80			744,962	723,613
Services, advertising and sales	70,484	49,948	17,783	16,379	7,948	5,597			96,215	71,924
Sundry (expenditures)	(511)	2,535	35	2,522	60	(750)		(775)	(416)	3,532
	192,110	205,352	763,631	743,146	276,923	183,139	247,307	271,246	1,479,971	1,402,883
Expenditures										
National projects	2,419	16,741	(228)				237,569	191,559	239,760	208,300
Speakers and prizes	221		142	106	129,386	54,308	18,568	21,533	148,317	75,947
Production			133,270	122,021	9,597	4,833			142,867	126,854
Promotional material	3,194	3,827	1,514	2,594	7,363	5,109	4,444	6,542	16,515	18,072
Salaries and benefits	162,726	169,805	234,504	230,747	141,398	137,364	78,230	80,674	616,858	618,590
Boards and committees	27,557	44,121	75,544	69,689		109	4,210	3,352	107,311	117,271
Legal and audit	5,794	4,871	4,023	5,013	3,862	3,247	1,931	1,624	15,610	14,755
General administration	43,629	44,533	59,776	65,377	126,557	123,358	13,626	18,371	243,588	251,639
Amortization of capital assets	3,362	2,800	2,577	2,334	7,557	5,253	2,577	2,334	16,073	12,721
Development Campaign	23,530				7,843		31,373		62,746	
	272,432	286,698	511,122	497,881	433,563	333,581	392,528	325,989	1,609,645	1,444,149
Excess (deficiency) of revenue over expenditures	(80,322)	(81,346)	252,509	245,265	(156,640)	(150,442)	(145,221)	(54,743)	(129,674)	(41,266)

Statement of Revenue, Expenditures and changes in Fund Balances, Endowed Funds year end December 31, 2007

	Contingency Fund	Endowment Fund Capital	Endowment Fund Operations	Mathematical Olympiads Fund Operations Capital	Mathematical Olympiads Fund Operations	Borwein Distinguished Career Fund Capital	Borwein Distinguished Career Fund Operations	Total 2007	Total 2006
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Revenue									
Donations		4,094		1,271		80		5,445	6,059
Dividend, interest and other income	33,524	15,387		7,603		2,013		58,527	56,473
Gain on investments									19,990
Loss on investments due to changes in market value	(52,467)	(24,081)		(11,899)		(3,151)		(91,598)	
	(18,943)	(4,600)		(3,025)		(1,058)		(27,626)	82,522
Expenditures									
Projects			33,376					33,376	90,920
Mathematical Olympiad annual transfer					7,648			7,648	5,000
Service Fees	8,592	3,944		1,948		516		15,000	15,688
Speakers and prizes							3,597	3,597	469
	8,592	3,944	33,376	1,948	7,648	516	3,597	59,621	112,077
Contribution to operations from capital	(11,032)	(15,727)	26,759	(7,648)	7,648	(2,054)	2,054		
Excess (deficiency) of revenue over expenditures	(38,567)	(24,271)	(6,617)	(12,621)		(3,628)	(1,543)	(87,247)	(29,555)
Fund balances, beginning of year as previously reported	882,977	391,864	6,484	193,661		51,220	1,281	1,527,487	1,602,920
Lifetime membership fees	(83,819)							(83,819)	(66,045)
Fund balances, beginning of year, as restated	799,158	391,864	6,484	193,661		51,220	1,281	1,443,668	1,536,875
Opening adjustments for change in accounting policy related to financial instruments	107,625	45,404		22,179		5,914		181,122	
Transfer to Operations Fund	(129,949)							(129,949)	(63,652)
Fund balances, end of year	738,267	412,997	(133)	203,219		53,506	(262)	1,407,594	1,443,668

Budgets - Operations Fund Summary

GRAND DIVISION SUMMARY	2006 Year-end	Budget 2007	Actuals year end	BUDGET 2008
GENERAL				
Total Revenue	226,885	234,745	192,110	228,307
Total Expenditure	286,700	335,154	272,432	311,072
NET REVENUE/EXPENDITURE	(59,815)	(100,409)	(80,322)	(82,765)
EDUCATION				
Total Revenue	271,247	352,700	247,307	359,500
Total Expenditure	325,987	371,532	392,528	425,044
NET REVENUE/EXPENDITURE	(54,741)	(18,832)	(145,221)	(65,544)
RESEARCH				
Total Revenue	183,138	341,700	276,923	526,000
Total Expenditure	333,580	508,586	433,563	651,626
NET REVENUE/EXPENDITURE	(150,442)	(166,886)	(156,640)	(125,626)
PUBLISHING				
Total Revenue	743,147	818,735	763,631	747,394
Total Expenditure	497,881	527,698	511,122	528,045
NET REVENUE/EXPENDITURE	245,266	291,037	252,509	219,349
OPERATIONS FUND				
Total Revenue	1,424,416	1,747,880	1,479,971	1,861,201
Total Expenditure	1,444,148	1,742,970	1,609,645	1,915,787
NET REVENUE/EXPENDITURE	(19,732)	4,910	(129,674)	(54,586)

Budgets - General and Education Divisions

GENERAL SUMMARY	2006 Year-end	Budget 2007	Actuals year end	BUDGET 2008
REVENUE				
Administration	85,416	71,204	79,475	95,075
Members	124,375	131,541	111,985	131,232
Projects	17,094	32,000	650	2,000
TOTAL REVENUE	226,885	234,745	192,110	228,307
EXPENDITURE				
Administration	213,351	226,920	208,833	235,165
Members	56,609	68,304	57,035	61,800
Projects	16,741	39,930	6,563	14,108
TOTAL EXPENDITURE	286,700	335,154	272,431	311,072
NET REVENUE/EXPENDITURE	(59,815)	(100,409)	(80,321)	(82,765)

EDUCATION SUMMARY	2006 Year-end	Budget 2007	Actuals year end	BUDGET 2008
REVENUE				
Administration	13,511	18,500	8,450	13,500
Competitions	179,470	202,000	193,801	211,400
Forum	0	0	0	0
Math Camps	74,932	107,200	20,722	95,600
Projects	3,333	25,000	24,334	39,000
TOTAL REVENUE	271,247	352,700	247,307	359,500
EXPENDITURE				
Administration	90,373	97,145	90,406	106,529
Competitions	162,152	170,509	181,947	188,010
Forum	0	0	0	0
Math Camps	54,324	76,368	69,413	73,269
Projects	19,138	27,510	50,762	57,236
TOTAL EXPENDITURE	325,987	371,532	392,528	425,044
NET REVENUE/EXPENDITURE	(54,741)	(18,832)	(145,221)	(65,544)

Budgets - Research and Publications Divisions

RESEARCH SUMMARY	2006 Year-end	Budget 2007	Actuals year end	BUDGET 2008
REVENUE				
Administration	2,536	6,000	1586	1,000
Meetings	180,602	335,700	275,336	525,000
Projects	0	0	0	0
TOTAL REVENUE	183,138	341,700	276,922	526,000
EXPENDITURE				
Administration	6,514	11,175	10,147	7,717
Meetings	324,772	491,596	417,880	638,391
Projects	2,294	5,815	5,538	5,518
TOTAL EXPENDITURE	333,580	508,586	433,565	651,626
NET REVENUE/EXPENDITURE	(150,442)	(166,886)	(156,643)	(125,626)

PUBLISHING SUMMARY	2006 Year-end	Budget 2007	Actuals year end	BUDGET 2008
REVENUE				
Administration	7,409	5,870	4,841	4,575
Journal	509,600	549,805	523,491	507,998
Bulletin	167,475	183,495	170,277	167,160
Notes	10,692	15,651	10,912	14,786
Crux	41,108	50,239	39,166	38,275
Other Publications	6,863	13,675	14,945	12,100
Projects	0	0	0	2,500
TOTAL REVENUE	743,147	818,735	763,631	747,394
EXPENDITURE				
Administration	51,286	44,328	41,808	41,370
Journal	156,691	172,677	162,184	185,731
Bulletin	109,580	106,627	105,686	109,036
Notes	74,066	69,248	65,070	69,139
Crux	81,380	88,593	87,731	95,434
Other Publications	24,773	35,525	31,593	27,235
Projects	106	10,700	17,049	100
TOTAL EXPENDITURE	497,881	527,698	511,121	528,045
NET REVENUE/EXPENDITURE	245,266	291,037	252,510	219,349

Education Committee Report

Chair: J. Khoury (Ottawa)

J. Borwein (Dalhousie) MAA Gov for Canada to January 31
 L. Charbonneau (UQAM)
 S. Craven (Toronto D.S.B.)
 M. Dubiel (SFU) CMESG Representative
 S. Fallat (Regina)
 A. Liu (Alberta) from February 1
 O. Oellermann (Winnipeg)
 B. Rémillard (HEC) to June 30
 Y. Saint-Aubin (Montréal) from July 1
 D. Tingley (UNB-Fredericton)
 M. Tingley (UNB-Fredericton)

Sub-Committees:

Education Materials on Camel

S. Fallat (Regina) from July 1
 J. Khoury (Ottawa)
 B. Rémillard to June 30

Grants for Provincial Competitions

L. Charbonneau (UQAM)
 M. Dubiel (SFU)

Education is one of the main activities of any professional academic society like the CMS. The Society has established many programs and awards aimed at promoting Mathematics as a subject of practical and scientific interest. The Education Committee, through these programs, worked hard in 2007 to ensure that a considerable share of the Society's activities are devoted to math education and to public awareness of Mathematics.

The committee's main duties involve the selection of the Adrien Pouliot Award and CMS Excellence in Teaching Award winners, choosing judges for the Canada-Wide Science Fair, the Halton Peel Data Fair, finding and supporting organizers for the education sessions in both meetings and overseeing the provincial grants applications. The Adrien Pouliot award recognizes individuals or teams who have made significant and sustained contributions to mathematics education in Canada. The CMS Excellence in Teaching award celebrates sustained and distinguished contributions in teaching at the post-secondary undergraduate level at a Canadian institution, and is supported by Nelson Education Ltd.

The Committee met at the 2007 Summer Meeting in Winnipeg and at the 2007 Winter Meeting in London. Between the two meetings, some discussions were also conducted by e-mails. The Summer Meeting focused on the Adrien Pouliot Award, the changes to the Canada-Wide Science Fair rules for sponsoring awards, the Halton Peel Data Fair and the CMS presence at provincial teachers conferences. The Winter Meeting followed up on the actions taken on the latter file, on the Excellence in Teaching Award, the organizing of the education sessions for the 2008 summer and winter meetings and the provincial grants competitions.

Math Camps

In addition to the National Camp at John Abbott College (see Mathematics Competition Committee Report), fourteen CMS Regional Camps took place across Canada at: the University of Prince Edward Island, the University of New Brunswick, Dalhousie University, l'Université du Québec à Rimouski, the University of Ottawa (two camps - one in English and one in French), York University, Brock University, the University of Western Ontario, the University of Manitoba, the University

of Regina, the University of Calgary, Simon Fraser University Burnaby Campus, and Simon Fraser University, Surrey Campus.

Depending on the wishes and resources of the host institution, the format of the camps vary from day camps, lasting one day to five days, to residence camps, lasting three to seven nights. Students are introduced to mathematical ideas not normally encountered in high school, balanced by recreational activities involving individual and team competitions with an emphasis on problem solving. There are also extra curricular events and excursions. Students are individually challenged but there is also an emphasis on collaboration and shared activities in a fun environment.

More than 330 students participated in the various 2007 Math Camps and thanks go to the host institutes, the organizers, and the sponsors for a making all the camps such a success.

These camps are not only very valuable in motivating students to pursue mathematics and science, but they also stimulate all of those involved by enriching their teaching.

Math in Moscow

The Math in Moscow program provides a tremendous opportunity for gifted undergraduates to attend the Independent University of Moscow for a semester, with funding from the CMS and NSERC. In 2007 there were four scholarships awarded, two in the winter competition and two in the fall competition.

Regular Committee Business

- The CMS Excellence in Teaching Award was presented to Dr. Brian Forrest (Waterloo) at the Summer Meeting in Winnipeg. Dr. Forrest gave an interesting talk on his experience with teaching an on-line course at University of Waterloo.
- At the Summer Meeting in Winnipeg, the Committee selected Dr. Richard Nowakowski of Dalhousie University as the 2007 recipient of the Adrien Pouliot Award. Dr. Nowakowski was presented the award at the Winter Meeting Banquet in London.
- The education session at the Summer Meeting in Winnipeg was organized by Abba Gumel (Manitoba) and Randall

Education Committee Report - *Continued*

Pyke (SFU). The topic was “The Impact of Mathematics in Industry”. The session included a very interesting panel discussion on that issue.

- The Education session at the Winter Meeting in London was organized by Georges Gadanidis (Western). The theme was on imagination and creativity. Many speakers demonstrated innovative ways to stimulate the imagination and creativity of students in mathematics.
- The Committee approved an amount of \$3,450.00 in provincial grants. Successful applicants were from the provinces of Alberta, Manitoba, Newfoundland, Ontario, Prince Edward Island and Quebec.
- The 2007 Canada-Wide Science Fair took place in Truro, Nova Scotia. The CMS sponsored only the senior award due to the Youth Sciences Foundation’s new structure of award sponsorship. The CMS judge was Peter Filmore from Dalhousie and the CMS prize of \$1000 was awarded to Bill Pang (Grade 11, Sir Winston Churchill Secondary School, BC) for his project “From the Orthic Triangle”.
- The 2007 Halton Peel Data Fair was held in Sheridan College, Oakville. David Matthews from Waterloo agreed to judge for the CMS, but he could not make the trip due to a winter storm. The CMS sponsored the first prize in the senior division and the winner was Kayleigh Roberts from L.B. Pearson high school.
- Joseph Khoury, the Education Committee Chair was on the selection committee for the CMS Excellence in Teaching Award. The winner will be presented at the 2008 Summer Meeting in Montreal. The Education Committee was involved in an effort to solicit more nominations for the CMS Excellence in Teaching Award. As a result, more

nominations were received in 2007 than in the previous year.

Other Committee Business

- At the 2007 Summer Meeting, the Committee discussed the possibility of a stamp to promote Canadian mathematics. However, to date nothing has materialized.
- At the 2006 Winter Meeting in Toronto, the Committee felt that more should be done to reach out to teacher’s associations across Canada. The issue was discussed in more detail at the Summer Meeting in Winnipeg where an action plan was developed. At the Winter Meeting in London, the Chair reported that a CMS booth was manned at a teachers’ conference in Ottawa. The organizers were kind enough to waive the fees, so there was practically no cost to the CMS. The Chair reported that the CMS presence was very well received among high school teachers. The Committee approved similar actions across Canada.
- Following a recommendation from the Selection Committee for the CMS Excellence in Teaching Award, the Education Committee reviewed the Terms of References for the award at the Winter Meeting and more discussions are to follow.

Electronic Services Committee Report

Chair: D.L. Rodgers (Michigan) to August 30 and J. Carette (McMaster) from September 1

D. Bar-Natan (Toronto)

J. Brown (Dalhousie) to June 30

J. Carette (McMaster) Consultant to August 30

I. Chen (SFU)

G. MacDonald (University of PEI) from July 1

G. Pechske (Alberta)

D. Pike (Memorial)

J. Rostand (Laval)

H. Wolkowicz (Waterloo)

The Electronic Services Committee (ESC) provides policy oversight for services provided by the Web Services Office (Ottawa) and Publications Office (Winnipeg).

In 2007, through a partnership with Google Inc., some of the CMS's intellectual property is now getting wider worldwide exposure. The back catalog (1949–1996) of the Canadian Mathematical Bulletin (CMB) and Canadian Journal of Mathematics (CJM) are now available electronically, as well as being fully searchable, from scholar.google.com (with the 1997 to current issues on the CMS site, freely accessible except for the most recent 5 years available to subscribers).

While the current service offered by Google renders scans at a lower resolution than what the ESC would prefer, we are hopeful that this will improve over time. In parallel, Michael Doob has scanned in the back catalog of the CJM and will proceed with the CMB during 2008. The ESC believes that we can provide added-value to the research community by providing more services such as links to MathSciNet and (later) pointers to references, as well as providing much higher resolution electronic versions of CMS publications.

The CMS Web Services Office continues to provide significant (contract) services to the Statistical Society of Canada (SSC). Further to being a source of revenue to the CMS, some of this work will result in benefits to the Society (for example: e-commerce on the CMS site). As well, our experience with the on-line meeting registration system created for the SSC in 2007 will inform the development of a system for the CMS meetings, down the road.

The CMS has added the ability to accept on-line donations to its web site. Various technical and staffing-related issues have led to a further delay in deploying the redesigned CMS website. However, significant infrastructure work has been completed towards this goal, and some content has already been reviewed and reorganized.

The Web Services Office continues to keep abreast of developments in software and electronic services, leading to the gradual replacement of home-grown software with either open-source or commercial software, as appropriate.

The CMS Publications Office continues to produce issues of CMS journals on time with few problems, as well as providing editorial and technical assistance to other CMS-supported publications.

Both offices are to be congratulated for their work, a job made especially challenging by the complexities and daunting number of tasks that need to be performed on a timely basis.

Endowment Grants Committee Report

Chair: Karl Dilcher (Dalhousie)

J. Hyndman (UNBC)
F.V. Kuhlmann (Saskatchewan)

F. Mendivil (Acadia)
G. Sinnamon (Western)

The main task of the Endowment Grants Committee is to adjudicate proposals for projects that are requesting financial support from the CMS Endowment Grants Competition. Projects which are funded must contribute to the goals of the CMS and to the broader good of the mathematical community.

The Committee was allocated \$16,000 for the 2007 competition. Eighteen applications had been submitted, of which seven were funded. Given the very limited allocation, only two applications could be funded in full, while the others received partial funding, and only for one year. The total allocated amount was awarded. All applicants have been notified by the CMS Executive Office in Ottawa.

The successful applications were as follows:

- Contributing to the costs of a championship of mathematical games for school children which involves thousands across Quebec and will bring hundreds to the Laval University campus.
- Expanding the successful Halifax “Math Circles” program (lectures and activities for talented high school students) beyond metropolitan Halifax.
- A French-language web-based mathematics competition out of Moncton, with mathematical problems at varying levels, expecting to reach thousands of students.
- An enrichment program for high school students in the

Ottawa area.

- The Canadian version of an international contest-game for students in grades 3-12; the Endowment Grant will help with the expansion to more cities.
- A contest of mathematical performances for students in grades 4-6.
- Developing investigative and modeling problems for grade 12 mathematics teachers in Ontario.

More details on the successful applications can be found on the CMS website: www.cms.math.ca/Grants/EGC/

Reports on projects funded in the past can also be found at this site.

After very few applications had been received in 2006, the 2007 competition attracted a record high number of applications. Once again, the projects showed a great degree of diversity; they came from eight provinces, showed a good gender and linguistic distribution, and had target groups ranging from grade 3 elementary school to university and teacher education.

Finance Committee Report

Chair: Kenneth R. Davidson (Waterloo)

D. Bates
H.E.A. Campbell (Memorial) to June 30
G. Cliff (Alberta)
M. Davison (Western) to March 9
A.T. Lau (Alberta) from July 1

D. Promislow (York) from March 10
D.L. Rodgers (Michigan)
T. Salisbury (York)
G. P. Wright (Ottawa)

The role of the Finance Committee is to scrutinize the budget and other financial documents of the Society, to question the Management and Executive Committee of the Society about reasons for various financial decisions, and to provide advice to the Board of Directors regarding these matters.

This year was a difficult one for the Society, and it was necessary to bring forward a deficit budget. The Finance Committee studied several key areas and made a number of recommendations to somewhat ameliorate the deficit. In the end, we came to the conclusion that there are special circumstances that led to the deficit this year and next. We felt that there was good reason to believe that the budget would get back on track, and that we can weather the current situation.

I will briefly mention a few key issues:

Publications: This is the Society's one serious source of steady income. This year, with the Canadian dollar rising rapidly to attain par with the US dollar, the income from foreign subscriptions received in US dollars was below the expectations made a year ago. This is combined with recent increases in foreign shipping costs, and increases in the number of pages per volume. Management recommended an increase in subscription rates, and a motion from the Finance Committee increased those rates somewhat more. We are attempting to make a fair increase that will cover our increased costs without driving away more subscribers.

Meetings: The Society runs two large annual meetings. This is expensive, especially considering that the overall costs include one full-time employee whose major duties are the running of these meetings. Meetings have run much more smoothly and consistently because of this central oversight, but it is costly. The small grants and the registration fees do not cover all of the costs. The Finance Committee recommends that the Executive consult

with the membership with a view to increasing registration fees to cover more of these costs. The issue is that fees for math conferences are generally very low compared to many other academic disciplines, and there is resistance to paying fees that actually cover expenses. Nevertheless, there has been a trend towards increased fees that is likely to continue.

Executive Director: Graham Wright will be stepping down as Executive Director at the end of 2008 and a new Executive Director has been appointed who will assume the required duties in 2009. There is an anticipated overlap of six months in order for the new person to learn the ropes. This extra salary is a one-time expense.

Fundraising: The Society has embarked on an ambitious plan to raise funds. It costs money to raise money, and at this point, we have not been sufficiently successful to cover these start-up costs. The Executive plans to continue this effort, but the cost/benefit needs to be monitored.

Education: The Society has a significant number of activities aimed at mathematics for school children. These are important activities for the Society, but they should be run on a self-funding basis. This is an area where there has been successful fundraising in the past. The loss of the PromoScience grant was a factor in this year's deficit. It is hoped that this funding will be recovered, and that these activities can be supported by fundraising.

International Affairs Committee Report

Chair: Christiane Rousseau (Montréal)

M. Bennett (UBC) from July 1
F. Gourdeau (Laval) CMESG Representative
G. Ivanoff (Ottawa) SSC Representative
N. Kamran (McGill)
R. Kane (Western)

W. Langford (Guelph) CAIMS Representative
E. Perkins (UBC) to June 30
K. Taylor (Dalhousie)

The International Affairs Committee (IAC) is the liaison committee which serves as the voice of Canadian mathematics within the International Mathematical Union (IMU). It is officially a committee of the National Research Council (NRC). The NRC provides most of the funding used to support the participation of Canadian mathematics within the IMU. Countries which are members of the International Mathematical Union are divided into five groups. Canada belongs to Group V, the highest group, which consists of only 10 countries.

During the year 2007 the Committee has taken care of one large dossier.

Strategy to increase the number of Canadian speakers at ICM 2010 (International Congress of Mathematicians)

At recent International Congress of Mathematicians, the number of Canadian speakers who were lecturers was always very low in comparison to the stature of Canadian mathematics. We expect that the Secretary of the IMU will launch an official call for input of the National Organizations to the Program Committee of ICM 2010. Considering past experience we can expect this call to take place around March 2008. The International Affairs Committee decided on a strategy to prepare a dossier on the Canadian mathematicians having made significant contributions in the 5 years ending in 2007. In particular the following actions have been taken:

- An announcement in the CMS Notes and on the electronic distribution list (cmath) was sent in winter 2007.
- A call to department chairs was sent in winter 2007.
- A call to the Directors of the Canadian Mathematical Institutes for consultation of their scientific panels was sent in spring 2007.

The IAC nominated 20 small sub-committees (comprising two to three individuals) in each discipline covered by a session at

ICM 2006. These sub-committees reported by September 2007. They identified the deserving Canadians in their discipline and arranged for short rationales to be prepared for each candidate. The IAC nominated a General Committee which is in charge of preparing the final list of names. In order that no one is left aside, this General Committee also considered the case of all members of the sub-committees.

Apart from this dossier, the International Affairs Committee sent calls for input on several important issues:

On October 13 2007, the IAC sent a call for input to the Canadian mathematical community on the following announcement of the IMU:

The IMU Executive Committee would like to find a sustainable location with associated suitable infrastructure at which the IMU secretarial staff could reside for a (long) period of time, and at which the costs of running the IMU operations is either low or covered by some long term grant/subsidy or the like. The purpose of this letter is to solicit from all adhering organizations and major mathematical societies and institutions offers or suggestions for the location of such an office.

The deadline for proposals was January 31 2008.

On November 14 2007, the IAC sent a call for input to the Canadian mathematical community on the opportunity for a Canadian bid for ICM 2014. The IAC will follow up on these two dossiers in 2008.

Invested Funds Committee Report

Chair: Matt Davison (Western) to March 9 and D. Promislow (York) from March 10

T.J. Appelt (Structured Capital Inc.)
D.L.E. Bates
T.R. Hurd (McMaster)
D.J. Oakden (OSFI)

The Invested Funds Committee is responsible for the administration of the CMS Restricted Investment funds. These include the CMS Endowment Fund, the Mathematical Olympiads Fund, the David Borwein fund and the Contingency Fund.

This is a new committee, started in 2007, and intended to serve as an arm's length body from the Finance Committee, which had previously handled these matters.

The Committee met twice in 2007. We reviewed the terms of references for the funds, the investment policy, and the asset mix. We were given a detailed report on the performance of the investments over the previous year by our financial advisor, TD Asset Management. In addition, we made recommendations for the amounts to be allocated to fund the operations of each of the endowed funds.

A project ,which we left for next year, is to investigate possible methods of hedging against currency fluctuations. This affects the CMS since the bulk of our subscription revenue is collected in U.S. dollars.

Mathematical Competitions Committee Report

Chair: E. Barbeau (Toronto) to August 31 and Neal Madras (York) from September 1

Y. Chen (Lakehead) from September 1
S. Craven (Toronto D.S.B.)
R. Dawson (Saint Mary's) to August 31
D. Hrimiuc (Alberta) from September 1
K. Kopotun (Manitoba) to August 31
G. MacDonald (University of PEI) from July 1
N. Madras (York) to August 31
B. Rémillard (HEC) to June 30
B. Sands (Calgary)
B. Shawyer (Memorial)
D. Tingley (UNB-Fredericton)
I. VanderBurgh (Waterloo)
G. P. Wright (Ottawa)

Sub-Committees: International Mathematical Olympiad (IMO)

Chair: B. Sands (Calgary)
E. Barbeau (Toronto) Corresp Program
Coordinator
R. Morewood (Burnaby South S.S.) IMO Past
Team Leader to August 31
F. Recio (Toronto) IMO Team Leader from
September 1
C. Small (Waterloo)
L. Yen (Capilano College)

Canadian Open Mathematics Challenge (COMC) Sub-Committee

Chair: I. VanderBurgh (Waterloo)
E. Barbeau (Toronto) to August 31
M. Eden (Preston High School)
N. Madras (York) from September 1

Mathematical Olympiads Correspondence Program

E. Barbeau (Toronto)

Canadian Mathematical Olympiad (CMO)

Chair: E. Barbeau (Toronto)
O. Bormashenko
M. Choi (Toronto)
E. Doolittle (Regina)
J.C. Fisher (Regina)
K. Karu (UBC) from September 1
R. Mong to August 31
V. Pandelieva
I. Poliakov to August 31
F. Recio (Toronto)
N. Sato (Art of Problem Solving)
J. Tsimerman (Toronto)
E. Wang (Wilfred Laurier)

Introduction:

The Mathematical Competitions Committee (MCC) oversees the Society's involvement in mathematics contests. The Society sponsors and runs two competitions: the Sun Life Financial Canadian Open Mathematics Challenge (COMC, with the University of Waterloo's Centre for Education in Mathematics and Computing, and now sponsored by Sun Life Financial) and the Canadian Mathematical Olympiad (CMO). The MCC is responsible for Canada's participation in the Asian Pacific Mathematics Olympiad (APMO) and the International Mathematical Olympiad (IMO), and supervises the Mathematical Olympiad Correspondence Program (Olymon) and the CMS National Math Camp.

Most of the work of the MCC is done by its four sub-committees (the COMC, CMO, and IMO Committees, and the Correspondence Coordinator). Further information, including press releases, on most of the items in this report can be found through the CMS Competitions web page www.cms.math.ca/Competitions/ and at www.cms.math.ca/MediaReleases/.

The MCC and (especially) its sub-committees are very active, with a large number of deadlines throughout the calendar. I would like to thank all members for their enthusiasm, reliability, and hard work in making sure that everything runs smoothly. The CMS Executive Office, especially the Executive Director Graham Wright, also deserve our gratitude for their dedication.

The Canadian Mathematical Olympiad:

The 39th Canadian Mathematical Olympiad was written by 76 candidates on Wednesday, March 28, 2007. Seven students were presented with awards at the annual Awards Banquet at Renison College at the University of Waterloo on Tuesday, June 12, 2007:

FIRST PRIZE and the Sun Life Financial Cup - Yan (Cynthia)

Li, Dr. Norman Bethune Collegiate Institute, Scarborough, ON; **SECOND PRIZE - Jonathan Schneider**, University of Toronto Schools, Toronto, ON; **THIRD PRIZE - Chengyue (Jarno) Sun**, Western Canada High School, Calgary, AB. **HONOURABLE MENTIONS** were awarded to: **Jia Guo**, O'Neill Collegiate and Vocational Institute, Oshawa, ON; **Kent Huynh**, University of Toronto Schools, Toronto, ON; **Steven Karp**, Lord Byng Secondary School, Vancouver, BC; and **Alexander Remorov**, William Lyon Mackenzie Collegiate Institute, North York, ON. A full report of the CMO, including the question paper, solutions and analysis of the marking can be found at www.cms.math.ca/Competitions/CMO. We note that the first problem on the paper was due to the late Robert Barrington Leigh, who was a CMO prizewinner and member of the Canadian IMO team before heading to the University of Toronto, where he was an undergraduate at the time of his death.

The candidates for the CMO are selected mainly on the basis of their performance in the Canadian Open Mathematics Challenge (COMC) written the previous November. We have been aware that this method of screening the candidates is imperfect, and so the CMS is introducing an intermediate step in 2008. The top approximately fifty students in the COMC are automatically invited to write the CMO. The next 200 will be sent electronically a set of problems and invited to submit solutions; these will be used to select additional candidates who may benefit from the CMO experience.

The Society is indebted to many sponsors for the success of the CMO, particularly to its dedicated and long-term major sponsor, Sun Life Financial.

Mathematical Competitions Committee Report - *continued*

The Asian Pacific Mathematics Olympiad:

The 19th Asian Pacific Mathematics Olympiad (APMO) was written on March 13, 2007. A total of 44 Canadian students wrote the exam. The top student was **Dimitri Dziabenko**, followed closely by **Danny Shi** and **Jarno Sun**. The top ten students became Canada's official APMO contestants, and, as usual, we won the maximum set of awards (one gold, two silver, and four bronze medals, plus three honourable mentions). Further details regarding the 2007 APMO may be obtained through www.cms.math.ca/Competitions/APMO/.

International Mathematical Olympiad:

The 48th International Mathematical Olympiad (IMO) took place in Hanoi, Vietnam, from July 19 to July 31, 2007. The Team Leader was Bill Sands of the University of Calgary, the Deputy Leader was Adrian Tang of University of Calgary, and the Deputy Observer was Minh-Lac Bui of CP Rail. The six high school students on the Canadian team were **Kent Huynh**, University of Toronto Schools, Toronto, ON; **Steven Karp**, Lord Byng Secondary School, Vancouver, BC; **Jonathan Schneider**, University of Toronto Schools, Toronto, ON; **Yan (Cynthia) Li**, Dr. Norman Bethune Collegiate Institute, Scarborough, ON; **Alexander Remorov**, William Lyon Mackenzie Collegiate Institute, North York, ON; and **Chengyue (Jarno) Sun**, Western Canada High School, Calgary, AB. The Canadian team placed 27th out of 93 countries. A Silver Medal was awarded to Alexander Remorov, and Bronze Medals to Kent Huynh, Steven Karp, and Yan (Cynthia) Li. In addition, Chengyue (Jarno) Sun received an Honourable Mention.

Adrian Tang's report on the 2007 IMO was published in the November 2007 issue of the CMS Notes. The Society's Media Release on the 2007 IMO results is at <http://cms.math.ca/MediaReleases/2007/imores.html>.

The Winter Training Seminar was hosted by York University, January 2-7, 2007, and was attended by fifteen high school students from across Canada. The local organizer was Neal Madras, assisted by Alfred Pietrowski and Andrew Toms (all of York), as well as the staff of the Department of Mathematics and Statistics and of Bethune College. The program of the seminar was organized by the Team Leader and Deputy Leader, with assistant trainers Man-Duen Choi (Toronto), Ed Doolittle (Regina), Peter Gibson (York), and Felix Recio (Toronto).

The Summer Training Seminar took place at the University of Calgary and at BIRS from July 6 to July 21. Six local students from Alberta and British Columbia attended the Calgary portion of the Seminar, from July 7 to July 10. On July 10, a Team Sendoff Reception was held at the University of Calgary, where the Team was introduced to the local media, and later that afternoon the team members were driven to BIRS, where the rest of the Seminar was held. The most notable innovation this year was the inclusion of the Mexican IMO team (six students and the

Deputy Leader, Rogelio Valdez Delgado) in the training at BIRS, from July 14 to July 19. Thanks are due to Brenda Shakotko and Nassif Ghossoub at BIRS, the staff at the University of Calgary, and trainers Amir Amiraslani (Calgary), Ed Doolittle (Regina), Mogens Hansen (Vancouver), Felix Recio (Toronto), Lily Yen (Capilano College), and IMO alumni Alex Fink, David Rhee, and Yufei Zhao.

The Society is very grateful to the Imperial Oil Foundation for its sponsorship of the International Mathematical Olympiad team.

More information regarding the 2007 IMO can found at www.cms.math.ca/MediaReleases/ and www.cms.math.ca/Competitions/IMO.

Mathematical Olympiad Correspondence Program:

The Mathematics Olympiad Correspondence Program (Olymon) is a continuing program in which secondary school students submit solutions to problems for marking. In 2007, there were seven sets of problems, set and marked by Ed Barbeau, Rosu Mihai, Valeria Pandelieva and Lily Yen. Generally, each set attracts solutions from between ten and twenty students. Since there is now a large collection of problems for students to practice on, available on both the websites www.cms.math.ca/Competitions/MOCP and www.math.utoronto.ca/barbeau, the frequency of the problem sets has been reduced to about one set every two months.

CMS National Math Camp:

The National Math Camp is designed primarily for younger Canadian students with at least two years remaining in high school (grades 8-10) and with the potential to compete at the Mathematical Olympiad level. Participation in this camp is by invitation only.

The 2007 CMS National Math Camp took place at John Abbott College (Quebec) from July 1 to 7. Twenty-three students attended the camp (7 female, 16 male). We are grateful to the main organizer Daniel Gatien (John Abbott) for all of his work in making this camp successful. See the Education Committee report for information about other Math Camp activities.

The Sun Life Financial Canadian Open Mathematics Challenge:

November 2007 marked the twelfth writing of the COMC, but its first writing under the banner of Sun Life Financial. It is a collaborative activity between the CMS and the Centre for Education in Mathematics and Computing at the University of Waterloo. This Contest has several purposes. First and foremost, it aims to encourage students in their exploration of mathematics and problem-solving. Second, the COMC provides an enrichment activity for teachers to use with their students during the fall term. And third, the COMC is used by the CMS to identify students who will write the Canadian Mathematical Olympiad and who will

Mathematical Competitions Committee Report - *continued*

attend, among other events, the Winter Training Seminar and the National Math Camp.

The 2007 edition of the COMC had a record number of over 7,300 participants (with almost 8,300 registrants). The paper had an average mark of 41 out of 80 thus giving a good chance of success to every student who wrote the paper, while continuing to provide a challenge for the very best problem solvers in the country. This year's average recovered nicely from a partially disastrous result in 2006. The 2007 edition of the COMC again saw a marked increase in the number of international competitors.

The creation this year of the Canadian Mathematical Olympiad Qualification Repêchage has allowed the COMC to not have to be as difficult at the "top end", as there is now an additional mechanism to help choose students to write the CMO. This should allow the COMC to maintain a slightly more consistent feel.

The top seven competitors were: **Bo Cheng Cui**, West Vancouver S.S., West Vancouver, BC; **Dimitri Dziabenko**, Don Mills C.I., North York, ON; **Tony Feng**, Phillips Academy, Andover, MA; **Neil Gurram**, ICAE, Troy, MI; **Junjiajia Long**, Glebe C.I., Ottawa, ON; **Alexander Remorov**, William Lyon Mackenzie C.I., North York, ON; **Jonathan Schneider**, University of Toronto Schools, Toronto, ON. Thanks go to the hard-working Problems Committee who annually ensure that the paper meets its varying goals, as well as the wonderful group of more than 70 markers. Further details are available at: www.cms.math.ca/Competitions/COMC/ or www.cemc.uwaterloo.ca/english/contests/open.shtml.

Nominating Committee Report

Chair: Edgar Goodaire (Memorial)

H.E.A. Campbell (Memorial) to June 30
J. Hurtubise (McGill)
L. Jeffrey (Toronto)
M. Lamoureux (Calgary)

A.T. Lau (Alberta) from July 1
T.S. Salisbury (York)
K. Taylor (Dalhousie)

Most of the work of the Canadian Mathematical Society is carried out by more than 140 people who serve as members of the Board of Directors and thirteen standing committees.

In addition to being responsible for the 2007 election of officers and directors, the Nominating Committee also finds replacements annually for people whose terms expire during the year. The 2007 Elections went smoothly but, unfortunately, the number of members who voted was quite low.

By the end of 2007, we had found upwards of fifteen people, all volunteers, to replace members and/or chairs on eight committees. As well, it was necessary to replace one Board member who moved into the position of Vice-President for the Western Provinces when it became necessary for the person previously holding this position to resign.

There is an enormous amount of energy and talent within the Canadian mathematical community. What can be difficult for the Nominating Committee is discovering individuals who are willing to lend their expertise to the Society in some capacity or other, especially individuals who have not served before. Given the major turnover in mathematics faculty across the country in the last few years, it is important to involve “new people” and, given the changing gender balance in graduate schools and faculties across the country, it is also important to recruit more women to fill positions. The Committee made a concerted effort to

enlist the support of business and other professional people from outside academia because of the special expertise and fresh view points such individuals can provide. The Society is grateful for the contributions to the Board of Directors and committees such as Electronic Services and Finance, of people like David Bates, David Oakden, Klaus Peters, David Rodgers and Walter Stewart.

If any reader of this report knows of anyone within or outside academic circles whom you believe could help the Society, or if you yourself can see an opportunity for service, please contact chair-nomc@cms.math.ca.

It remains only to thank my colleagues on the 2007 Nominating Committee for their outstanding support and advice throughout the year.

Publications Committee Report

Chair: Juris Steprans (York)

M. Bennett (UBC) from July 1
F. Bergeron (UQAM)
D. Farenick (Regina)

E. Goren (McGill)
R. Murty (Queen's) to June 30
M. Neufang (Carleton)

The Publications Committee oversees many of the activities of the CMS that have a bearing on the Society's publications. Editorial board appointments are among the committee's chief concerns.

The CMS publishes two distinguished research journals, the Canadian Journal of Mathematics (CJM) and the Canadian Mathematical Bulletin (CMB). It also publishes a newsletter (the CMS Notes), and a competitions-level problem solving journal, CRUX with Mayhem. In addition, several book series are published in partnership with a variety of other organizations.

The editorial duties of the CJM are handled by Robert McCann and Henry Kim of the University of Toronto who are beginning the second year of their term. The CMB Editors-in-Chief, Nantel Bergeron and Jianhong Wu of York University, are beginning the third year of their term. The list of associate editors was not changed in 2007, there having been no nominations in response to the call for associate editors. However, only the term of Walter Craig ended in 2007 and his areas of expertise overlap sufficiently with continuing editorial board appointments that this does not provide reason for immediate concern. However, the Publications Committee will have to focus on finding new associate editors in 2008.

The ad hoc Electronic Submissions Sub-committee of the Publications Committee, formed at the Calgary meeting and headed by David Rodgers, arrived at a decision on the software to be used in processing, refereeing and tracking articles submitted to the CJM or CMB. Robert McCann and Nantel Bergeron produced a report comparing various systems and explaining why they had agreed that *Editorial Express* is most appropriate for the needs of the CMS. The editors are in the early stages of implementing this system.

Jim Totten had very kindly agreed to continue as an Editor-in-Chief of CRUX with MAYHEM until June 30, 2008 to allow for a transition to the new Editor-in-Chief. Vaclav Linek, University of Winnipeg, had been appointed to replace Jim effective July 1, 2008 with a six-month period (January 1 to June 30, 2008) during which Jim and Vaclav would work together as Editors-in-Chief. Jim Totten died suddenly on March 9, 2008 and the Society is indebted to Jim for his valuable, tireless and considerable work as Editor-in-Chief of CRUX with MAYHEM and as a member of the CRUX with MAYHEM Editorial Board since 1994.

The other CRUX with MAYHEM appointments approved by the Publications Committee in 2007 are:

- Ian VanderBurgh – Mayhem Editor from 01/01/2008 to 31/12/2012.
- Jeff Hooper – Associate Editor from 01/01/2008 to 31/12/2012
- James Currie - Articles Editor from 01/01/2008 to 31/12/2012
- John Grant McLoughlin - Books Editor from 01/01/2008 to 31/12/2008
- Amar Sodhi - Books Editor from 01/01/2009 to 31/12/2013.

Volume VII of the A Taste of Mathematics (ATOM) Series, *Problems of the Week* by Jim Totten, was published in 2007. The ATOM Series Editor-in-Chief, Bruce Shawyer, reports that there is some progress in the joint publication with the MAA on the Canadian Klamkin Collection.

The CMS–Springer book series published the following research monographs in 2007:

- Biorthogonal Systems in Banach Spaces. by P. Hajek, V. Montesion, J. Vanderwerff, and V. Zizler, and
- The Riemann Hypothesis: A resource for the Afficiando and Virtuoso alike. by P. Borwein, S. Choi, B. Rooney, and A. Weirathmueller,

Three more books are under contract.

The *CMS Treatises in Mathematics Series* with A K Peters published *Summa Summarum* by Mogens E. Larsen. Two more books in this series are expected to appear next year.

The *CMS Notes* continued to publish news and announcements under the editorship of Robert Dawson (Saint Mary's) and S. Swaminathan (Dalhousie).

According to the established tradition of alternating between the Bulletin and the Journal, the G. de B. Robinson Prize in 2007 was awarded for the best article (or series of articles) in the CMB in 2005 or 2006. The prize was awarded to Ronald van Luijk for his article *A K3 Surface Associated With Certain Integral Matrices Having Integral Eigenvalues* which appeared in Volume 49, pages 560-577, of the CMB.

The Technical Editor, Craig Platt, has provided regular reports on the backlogs of the CJM and CMB. High quality electronic versions of the scanned CMS journals are now available to the Winnipeg technical office. Work has also started on registering the DOI (Digital Object Identifier) of all CMS journal articles.

Research Committee Report

Chair: J.F. (Rick) Jardine (Western)

I. Laba (UBC)
 L. Jeffrey (Toronto)
 E. Perkins (UBC) to June 30
 B. Reed (McGill)
 R. Sharifi (McMaster)
 C. Sulem (Toronto) from July 1
 R. Vakil

Sub-Committee:

Doctoral Prize Selection Committee

B. Reed (McGill) Chair

I. Laba (UBC)
 M.R. Murty (Queen's)
 I. Putnam (Victoria)

The Research Committee oversees the organization of the scientific programs of the Summer and Winter meetings, and selects the recipients of the Jeffery-Williams, Krieger-Nelson and Coxeter-James Prizes. All three prizes recognize outstanding contributions to research. The Coxeter-James prize and Krieger-Nelson prizes single out such contributions by young mathematicians and women respectively. The Committee also participates, to a lesser extent, in the organization of other special meetings of the CMS.

A sub-committee of the Research Committee participates in selecting the recipient of the Doctoral Prize. The members of the Doctoral Prize Selection Committee are selected by the Research Committee. In 2007 the committee selected Lap Chi Lau as the winner of the 2007 Doctoral prize.

At its meeting in December, 2007, the Research Committee selected Stephen Kudla (Toronto) for the 2009 Jeffery-Williams Prize, Yael Karshon (Toronto) for the 2009 Krieger-Nelson Prize, and Ravi Vakil (Stanford) for the 2008 Coxeter-James Prize.

A summary of the meetings held in 2007 follows.

1) CMS-MITACS Joint Conference, Winnipeg, May 31 - June 3, 2007

Meeting Directors: Don Dawson (Carleton), Fereidoun Ghahramani (Manitoba)

Local Arrangements Chair: Abba Gumel (Manitoba)

There were 450 participants.

Plenary Speakers:

John Baldwin (Illinois/Chicago)
 Kristin Bennett (Rensselaer Polytechnic)
 Richard Cleve (Waterloo)
 Richard Kenyon (UBC)
 Charles Read (Leeds)
 Arnold Rosenberg (Massachusetts/Amherst)
 Dror Varolin (Stony Brook)

The Jeffery-Williams Lecture was given by Nassif Ghoussoub (UBC), and the Krieger-Nelson Lecture was given by Pauline van den Driessche (Victoria).

Sessions, with Organizers:

Algebraic Varieties with Group Actions, Jaydeep Chipalkatti (Manitoba)

Banach Algebras and Abstract Harmonic Analysis, Yong Zhang (Manitoba)

Complex Function Theory, Ian Graham (Toronto) and Eric Schippers (Manitoba)

Computer Algebra and Computer Algebra Systems, Michael Monagan (SFU)

Finite Combinatorics, Robert Craigen and David Gunderson (Manitoba)

Mathematical Algorithms for Medical Imaging, Sima Noghianian (Manitoba)

Mathematical Applications of Category Theory, F. W. Lawvere (Buffalo) and Walter Tholen (York)

Mathematical Biology, Gerda de Vries (Alberta), Frithjof Lutscher (Ottawa)

Mathematical/Computational Finance, Ruppa K. Thulasiram (Manitoba)

Mathematical Immunology, Beni Sahai (Cadham Provincial Laboratory), Robert Smith (Ottawa)

Mathematical Physics, Richard Froese (UBC), Tom Osborn (Manitoba)

Mathematics Education, Abba Gumel (Manitoba), Randall Pyke (SFU)

Mathematics of Infectious Diseases, Abba Gumel (Manitoba)

Model Theory and its Applications, Bradd Hart (McMaster), Thomas Kucera (Manitoba), Rahim Moosa (Waterloo)

Network Algorithms, Evangelos Kranakis (Carleton)

Nonlinear Methods in Computational Mathematics, Kirill Kopotun (Manitoba)

Quantum Information Theory, Richard Cleve (Waterloo)

Representations of Finite and Algebraic Groups, Gerald Cliff (Alberta), Anna Stokke (Winnipeg)

Resource Allocation Optimization, Binay Bhattacharya and Abraham Punnen (SFU)

Research Committee Report - *continued*

Statistical Learning, Yoshua Bengio (Montreal)

2) CMS Winter 2007 Meeting (London, Ontario)

Meeting Director: Rick Jardine (Western)

Local Arrangements Chair: David Riley (Western)

There were 410 participants.

Plenary Speakers:

Marcelo C. Borba (UNESP-Sao Paulo State University)

Erich Kaltofen (North Carolina State)

Mikhail Kapranov (Yale)

Giovanni Landi (Trieste)

Blaine Lawson (SUNY/Stony Brook)

Seth Lloyd (MIT)

Otmar Venjakob (Heidelberg)

The Coxeter-James Lecture was given by Vinayak Vatsal (UBC), and the Doctoral Prize Lecture was given by Lap Chi Yau (Chinese Univ. of Hong Kong).

Sessions, with Organizers:

Algebraic Combinatorics, Representations and Geometry, Lex Renner (Western), Benjamin Steinberg (Carleton)

Algebraic Stacks, Ajneet Dhillon (Western)

Algorithmic Challenges in Polynomial and Linear Algebra, Stephen Watt (Western)

Calculus of Variations in Physics, Geometry and Economics, Robert McCann and Benjamin Stephens (Toronto)

Combinatorics and its Applications to Mathematical Physics, Michael Gekhtman (Notre Dame), Michael Shapiro (Michigan State)

Complex Analytic Geometry, Tatyana Foth (Western), Finnur Larusson (Adelaide), Rasul Shafikov (Western)

Error Control Codes, Information Theory and Applied Cryptography, Aiden Bruen (Calgary), David Wehlau (Queens; RMC)

Graph Theory, Sebastian Cioaba (UC/San Diego), Stephen Kirkland (Regina), Claude Tardif (RMC)

History and Philosophy of Mathematics, Tom Archibald (SFU), Deborah Kent (Hillsdale College)

Homotopy Theory, Kristine Bauer (Calgary)

Iwasawa Theory, Manfred Kolster and Romyar Sharifi (McMaster)

Mathematical Imagination, George Gadanidis (Western)

Mathematics of Finance, Matt Davison, Rogemar Mamon and Mark Reesor (Western)

Non-Commutative Geometry, Masoud Khalkhali (Western)

Nonlinear Wave Equations and Applications, Walter Craig (McMaster), Catherine Sulem (Toronto)

Quantum Information Theory in Quantum Gravity, David Kribs (Guelph), Fotini Markopoulou (Perimeter Institute)

Contributed Papers, Tatyana Foth (Western)

Student Committee Report

Co-Chairs: Joy Abramson (York) and Antoine Khalil (Concordia) to June 30 and Jenna Tichon (Winnipeg) from July 1

M. E. Barnes (Simon Fraser) to June 30
 R. Dinath from September 1
 A. Erickson (Simon Fraser) to August 31
 M. Fortin-Boisvert (McGill)
 L. Gauthier (Concordia)
 P. Gladki
 S. Gregov (McMaster) to June 30
 I. Halacheva from September 1

O. Lafleur from September 1
 K. Mann CUMC from September 1
 J. McDonald (Waterloo)
 G. Robertson from September 1
 R. Woodrow (Calgary)
 G.P. Wright (Ottawa)

2007 has been a year of great growth for the Student Committee (also known as Studc) with many new members who have brought fresh ideas and projects. We have continued to develop and expand our ongoing projects from previous years as well as create new visions for the Studc. Our main focus continues to be fostering student participation in the greater mathematical community and encouraging students to get involved and contribute early in their career.

Change of Membership

We would like to thank the members whose term has ended over the past year for their contributions to Studc: Al Erickson, Sandra Gregov, and Marcus Barnes. We also welcome our five new members this year: Riyaad Dinath, Iva Halcheva, Olivier Lafleur, Kathryn Mann, and Graham Robertson. You can read about each of them on the newly updated biographies page on our website.

Student Newsletter

The main way the Studc gets our information out to mathematics students and encourages them to engage in our activities is through our semi-annual newsletter "The Student Mathematical Communicator". With the expansion to a 2-page double-sided format, there is a wide variety of activities and material for students to read including information on conferences, book reviews, articles on noteworthy events in the math community, and mathematical diversions and humour. The newsletter is distributed across Canada to all university mathematics departments. Apart from improving content, we have also improved the layout and the newsletter is now more attractive than ever. We plan in 2008 to continue to expand the newsletter and encourage submissions from students outside of the Studc.

CMS Meetings

Following up on our success from 2006 in improving student programming at CMS meetings, the Studc has continued to organize talks and social activities for students attending these meetings. At the summer 2007 meeting in Winnipeg, the committee invited a guest speaker, Nick Pizzi, to give a lecture over the lunch hour about the National Research Council and projects that include the work of mathematicians. In collaboration with the MITACS

Student Advisory Committee, a student banquet was held at a local restaurant that included dinner and prizes and was extremely well attended with students from both MITACS and the CMS. For the winter 2007 meeting, the Studc organized a panel discussion for students featuring three professors and a post-doctoral student discussing how to manage the demands and workload of graduate life. Students seemed to particularly enjoy the interactive format and we are considering hosting more panel discussions in the future. The student social was held at a local pub with a large number of students attending. For 2008, we plan to increase the attendance at these events by continuing to include tickets and flyers in the registration packets for students. We look forward to once again jointly planning events with the MITACS Student Advisory Council for the summer 2008 meeting.

Studc Web Site

During the past year, the website has been updated with a great deal of information that is relevant to math students across the country. For students who missed the newsletter, the website features an electronic copy and several back issues. With the help of our webmaster and Quebec representative, the committee is very proud to now have our portion of the CMS website fully translated into both French and English. In addition to updated biographies of all Studc members, the website now has an alumni page with information on past members as a way to recognize them for all of their contributions. We encourage you to visit the site at: www.cms.math.ca/Students. If you have any comments or suggestions for our website, please contact the webmaster at student-webmaster@cms.math.ca.

Student Email Lists

The Studc webmaster moderates listservs that distribute announcements to math students across the country. There are separate lists for graduate and undergraduate students. There are currently 166 members of the graduate list and 241 members of the undergraduate list. This list continues to be helpful in circulating important announcements to students about a variety of topics including research opportunities, scholarships and summer schools. We are working to increase the frequency of postings to this list.

Student Committee Report - *continued*

Canadian Undergraduate Mathematics Conference

CUMC 2007, the 14th annual Canadian Undergraduate Mathematics Conference, was held at Simon Fraser University from July 18 to July 21. The conference was a great success with dozens of talks by students and many great plenary speakers. Being held in Western Canada resulted in the greatest range of universities represented in recent years. The Studc, on behalf of the CMS, once again gave \$1,000 towards the conference and sent a representative to talk to the students about the CMS and our activities. The University of Toronto is currently preparing to host CUMC 2008 which will be held July 16th to 19th. For more details, see www.cumc.math.ca.

As a project for 2008, we will be producing a commemorative plaque for host universities to display in appreciation for their work. We will also create a collection of framed posters from past conferences that can be displayed at CMS events and future CUMCs.

MITACS Liaison

With the joint summer meeting in Winnipeg between the CMS and MITACS, the role of MITACS liaison has taken on even greater importance in coordinating student programming at the joint meetings. Both of our committees share many common goals in fostering participation in the student mathematical community and our continued communication and joint activities is very important to both groups. Our liaison is a member of both committees and reports back and forth to find opportunities for collaboration and make sure that all students are aware of pertinent information from both sides. This summer at the second joint meeting the liaison will play a vital role in executing the student programming and ensuring success as we integrate the needs of both organizations in the planning.

Stude Poster

Our Studc poster has now been printed and sent to universities across the country to display to promote both our committee and the CMS in general. It displays information about our services as well as our webpage and listservs. The poster has both a French

and English version. In the future we will be making a large permanent poster that can be displayed for promotional purposes at CMS meetings as well as at the CUMC.

Attending A Conference Brochure

This past year, the Studc has developed a brochure for students with helpful advice for those who are attending their first conferences. The brochure is fully bilingual, with graphics designed by a committee member. The brochure is available through our website but we will also be including it for conference kits for participants at the CUMC and student participants at the CMS meetings.

Women in Mathematics Committee Report

Chair: Gerda de Vries (Alberta)

J. Brown (Dalhousie) to June 30

M. Frigon (Montréal)

B. Keyfitz (Fields/Houston)

R. Kuske (UBC)

Y. Saint-Aubin (Montreal) from July 1

P. Zhou (St. Francis Xavier)

The Committee on Women in Mathematics is charged with monitoring the status of women within the Canadian mathematical community, recommending actions that will help to ensure equitable treatment of women in the community, and encouraging the participation of women in mathematics at all levels.

Currently, the Committee is working with the CMS Executive Committee to establish guidelines for the purpose of increasing gender diversity among speakers (plenary and public speakers in particular) at CMS meetings.

In addition, the Committee is starting to make plans to host the fourth edition of the “Connecting Women in Mathematics Across Canada (CWIMAC)” workshop at the end of 2008. This workshop brings together women in mathematics from many different levels (undergraduate and graduate students, postdoctoral fellows, and women in junior and senior faculty positions), with the aim of supporting women in the early stages of their career in the mathematical sciences.

Editorial Boards

Canadian Journal of Mathematics (CJM)

Canadian Mathematical Bulletin (CMB)

N. Bergeron (York) **Editors-in-Chief CMB**
H. Kim (Toronto) **Editors-in-Chief CJM**
R. McCann (Toronto) **Editors-in-Chief CJM**
J. Wu (York) **Editors-in-Chief CMB**

K. Bezdek (Calgary)
S. Boyer (UQAM)
J. Colliander (Toronto)
W. Craig (McMaster)
L. Devroye (McGill)
A. Dow (UNC)
G. Elliott (Toronto)
P. Guan (McGill)
K. Hare (Waterloo)
V. Kac (MIT)
H. Kim (Toronto)
S. Kudla (Maryland)
T. Ransford (Laval)
R. Vakil (Stanford)

CRUX Mathematicorum with Mathematical MAYHEM

J. Totten (Thomson Rivers) **Editor-in-Chief**

R. Bilinski (Coll. Montmorency) Skoliad Editor
I. Bluskov (UNBC) Problems Editor
B. Crofoot (Thomson Rivers) Associate Editor
C. Fisher (Regina) Problems Editor

B. Gilligan (Regina) Articles
J. Grant McLoughlin (UNB Fred.) Book Reviews
J. Hooper (Acadia) Mayhem Assistant Editor

B. Shawyer (Memorial) Editor at Large
M. Torres (Regina) Problems Editor
I. VanderBurgh (Waterloo) Mayhem Assistant Editor
from February 1

E. Wang (Wilfrid Laurier) Problems Editor
R. Woodrow (Calgary) Olympiad Editor
G. P. Wright (Ottawa) Managing Editor

CMS Notes

R. Dawson (Saint Mary's) Editors-in-Chief
S. Swaminathan (Dalhousie) Editors-in-Chief

E. Barbeau (Toronto) Contributing Editor - Education
P. Fillmore (Dalhousie) Book Reviews
G. P. Wright (Ottawa) Managing Editor

CMS Books in Mathematics

K. Dilcher (Dalhousie) Editors-in-Chief
K. Taylor (Dalhousie) Editors-in-Chief

R. Kane (Western)
S. Shen (Alberta)

A Taste Of Math (ATOM)

B. Shawyer (Memorial) Editor-in-Chief

E. Barbeau (Toronto)
M. Dubiel (SFU)
J. Khoury (Ottawa)
A. Thompson (Dalhousie)
G. P. Wright (Ottawa) Managing Editor

CMS Treatises in Mathematics

J. Arthur (Toronto)
I. Ekeland (UBC)
A. Gupta (Simon Fraser)
B. Keyfitz (Fields/Houston)
F. Lalonde (Montréal)

Contributors

The Canadian Mathematical Society would like to acknowledge the following members, individuals, governments, foundations, institutes and corporations for their financial support and encouragement as well as those supporters who contributed anonymously to the Society's various activities.

Joy Abramson	Ronald Harrop	Samuel Beatty Fund
János D. Aczél	Bert L. Hartnell	Bill Sands
Elahe Aminifar	James P. Henniger	Saskatchewan Learning
Banff International Research Station	Laurence G. Hoye	Howard Schneider
William D. Banks	Cyrus Chen Hsia	Bruce L.R. Shawyer
Edward J. Barbeau	Jiaxiong Hu	F. Arthur Sherk
Margherita Barile	Imperial Oil Foundation	Anna Sierpiska
Christopher P. Barrington-Leigh	Janet Karp	Thomas Siraki
Charles Barrow	Alan W. Kelm	Simon Fraser University
Richard F. Basener	David Kerr	Sir Wilfred Grenfell College
Margaret A. Beattie	Joseph Khoury	Springer-Verlag
Howard E. Bell	Hiroshi Kinoshita	Steven Soneff
Dieter Bennewitz	Eustratius G. Koutrouvidas	Eckard Specht
J.A. Rod Blais	Chikaya Kuniyiko	Olaf P. Stackelberg
Ilya E. Blum	Anthony To-Ming Lau	Statistical Society of Canada
George W. Bluman	C. Peter Lawes	Catherine Sulem
Mark Bowman	Victor G. LeBlanc	Heqian Sun
Fred G. Brauer	David J. Leeming	Sun Life Financial
Brock University	Martin Légaré	Srinivasa Swaminathan
W.D. Burgess	Kathy Lewis	Anatoliy Swishchuk
Hernando Burgos Soto	Ping Li	Cathleen Synge Morawetz
Calgary Board of Education	David Lindo	Adrian L. Tang
Hilary A. Carteret	Andy C.F. Liu	Keith F. Taylor
Centre de recherches mathématiques (CRM)	Hernandez Victor Luevanos	TD Asset Management Inc.
Ertugrul E. Celik	Trueman MacHenry	Antony C. Thompson
Imin Chen	Odile Marcotte	Thompson Rivers University
Ross W. Churchley	Math Resources Inc.	Toronto District School Board
Helen F. Cullen	Maplesoft	Elmer M. Tory
Paolo Custodi	McGraw Hill Ryerson	Letteris Tsakanikas
Galia D. Dafni	Samuel Melamed	Rémi Vaillancourt
Dalhousie University	Memorial University of Newfoundland	Université du Québec à Rimouski-UQAR
Matt Davison	Paul Milnes	University of Calgary
Dominick J. DelCasale	MITACS	University of Lethbridge
Apostolos Demis	Robert P. Morewood	University of Manitoba
Hasan Denker	Monica Nevins	University of New Brunswick - Fredericton
Charles R. Diminnie	Nelson Education Ltd.	University of Ottawa / Université d'Ottawa
John D. Dixon	Nelson Thomson Learning	University of Prince Edward Island
Dragomir Z. Djokovic	NSERC	University of Regina
Roy Dowling	Nova Scotia Department of Education	University of Saskatchewan
Dr. Norman Bethune Collegiate Institute	Kristianto Nugroho	University of Waterloo
Fields Institute	Jagdish N. Pandey	University of Waterloo - Centre for Education in Mathematics and Computing (CEMC)
Peter A. Fillmore	Pearson Education	University of Western Ontario
J. Chris Fisher	Yun Xia Peng	University of Toronto
Tatyana E. Foth	Edwin A. Perkins	University of Toronto Schools
Alexandra R. Gall	Daniel G. Piché	Jean-Eudes J.E.V. Villeneuve
Keith O. Geddes	PIMS-Pacific Institute for the Mathematical Sciences	Walter Stewart & Associates Inc.
Allan A. Gibb	Dorette A. Pronk	Howard Weiner
Edgar G. Goodaire	Bernardo Recaman	Western Canada High School
Julia Gordon	Anna Remorova	J. Harley Weston
Government of Alberta	Bruce L.B. Richmond	John H.M. Whitfield
Government of New Brunswick	Carl R. Riehm	William Lyon Mackenzie Collegiate Institute
Government of Newfoundland & Labrador	Sherman D. Riemenschneider	Robert E. Woodrow
Government of the Northwest Territories	Francisco Luis Rocha Pimentel	Graham P. Wright
Government of Nova Scotia	David L. Rodgers	York University
Government of Ontario	Christiane Rousseau	York University, Dean of Arts
Government of Saskatchewan	Patrick J. Ryan	Oleksiy Yevdokimov
Gouvernement du Québec	David Ryeburn	Peter D. Zvengrowski
Josep Grane Manlleu	Gert O. Sabidussi	
Zeljko Hanjcs	Thomas S. Salisbury	

CMS Executive Committee

President

Thomas Salisbury (York)

President-Elect

Anthony To-Ming Lau (Alberta) from July 1

Past President

H.E.A. Eddy Campbell (Memorial) Past President to June 30

Vice-Presidents

Michael Bennett (UBC) from July 1

Jason Brown (Dalhousie) to June 30

Gordon MacDonald (UPEI) from July 1

M. Ram Murty (Queen's) to June 30

Edwin Perkins (UBC) to June 30

Bruno Rémillard (HEC Montréal) to June 30

Yvan Saint-Aubin (Montréal) from July 1

Catherine Sulem (Toronto) from July 1

Treasurer

David Rodgers

Executive Director and Secretary

Graham P. Wright (Ottawa)

CMS Board of Directors

Joy Abramson (Toronto)

Student Delegate

David Bates

Michael Bennett (UBC) from July 1

Nantel Bergeron (York) from July 1

Christopher Bose (Victoria) from July 1

Murray Bremner (Saskatchewan) to June 30

Jason Brown (Dalhousie) to June 30

H.E.A. Eddy Campbell (Memorial) to June 30

Imin Chen (Simon Fraser)

Olivier Collin (UQAM)

Octav Cornea (Montréal) from July 1

Clifton Cunningham (Calgary) from July 1

Matt Davison (Western) to June 30

Alan Dow (North Carolina) from July 1

Douglas Farenick (Regina) from July 1

Marlène Frigon (Montréal) to June 30

Terry Gannon (Alberta) to June 30

Jennifer Hyndman (UNBC)

Vojkan Jaksic (McGill) from July 1

Jeannette Janssen (Dalhousie) to June 30

Antoine Khalil (Concordia) to June 30

Dan Kucerovsky (UNB Fred.) to June 30

Anthony To-Ming Lau (Alberta)

Anna Lawniczak (Guelph) from July 1

Victor LeBlanc (Ottawa)

Gordon MacDonald (UPEI) from July 1

Javad Mashreghi (Laval)

Robert McCann (Toronto)

Franklin Mendivil (Acadia)

Michele Mosca (Waterloo) to June 30

M. Ram Murty (Queen's) to June 30

Matthias Neufang (Carleton)

Edwin Perkins (UBC) to June 30

Klaus Peters (A.K. Peters)

David Pike (Memorial)

David Rodgers - *Observer*

Volker Runde (Alberta)

Yvan Saint-Aubin (Montréal) from July 1

Thomas Salisbury (York)

Roman Smirnov (Dalhousie) from July 1

Gregory Smith (Queen's) from July 1

Juris Steprans (York) to June 30

Walter Stewart

Catherine Sulem (Toronto) from July 1

Jenna Tichon (Winnipeg) from July 1

John Toth (McGill) to June 30

Ravi Vakil (Stanford)

Stan Wagon (Macalester College) to June 30

Hugh Williams (Calgary) to June 30

Graham P. Wright (CMS) - *Observer*

Xiaoqiang Zhao (Memorial) from July 1

CMS Executive Office

Canadian Mathematical Society
577 King Edward
Ottawa, Ontario K1N 6N5
Telephone: (613) 562-5702
Fax: (613) 565-1539
office@cms.math.ca
www.cms.math.ca

CMS Executive Office

Laura Alyea	Assistant to Membership and Publications Agent from October 1
Jonathan Borwein	Associate Publisher
Mark Bowman	Development Coordinator
Denise Charron	Membership and Publications Agent from November 1
Rachel Cunningham	Administrative Clerk
Gertrud Jeewanjee	Meetings Coordinator
Raju Kallumkal	Web Services Consultant
Alan Kelm	Web Services Manager
David Langstroth	Assistant to the Associate Publisher
Tina LaPage	Assistant to Membership and Publications Agent to October
Susan Latreille	Assistant to the Executive Director
Yvette Roberts	Accountant
Liliane Sousa	Membership and Publications Agent to October
Graham Wright	Executive Director and Secretary

Publications Office

Craig Platt (Manitoba)	Technical Editor
Srinivasa Swaminathan (Dalhousie)	Associate Technical Editor
Michael Doob (Manitoba)	Technical Consultant
Judith D. Borwein	Digital Assistant
Penny Gilbert (Manitoba)	Administrative Assistant
Laura Kirkland (Manitoba)	Technical Assistant

