



2006

Annual Report to Members

Rapport annuel aux membres

February 27th, 2008

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The 2006 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 2006 du président, du Comité pour l'avancement des mathématiques, du directeur administratif et le 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)

Mathematics in Canada

Canada is home to a vibrant and flourishing mathematical community, in which the CMS plays a central role. Our meetings and publications form a key part of the fabric of Canadian mathematical research. As the national organization that represents our profession, the CMS speaks on behalf of mathematics to industry and government. Our Math Camps program for students and our outreach to teachers of mathematics make an important contribution to mathematics education in Canada. Our endowment grants program makes possible various mathematically based projects that would not exist otherwise. We are active in mathematics competitions at both the national and international level. Our prestigious prizes celebrate excellence in both research and teaching. The community is tied together through our newsletters and electronic services – for an example, just think of the reliance of the community on the Society’s electronic infrastructure to publicize conferences, job ads, etc. Our success in all these arenas is due to the active engagement of a broad segment of Canadian mathematicians, and to the generosity of our supporters. The Society owes a debt of gratitude to all its 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 this annual report, attest to the health of our discipline and to the energy of our members.

2006 was an exciting and eventful year for mathematics. The quadrennial *International Congress of Mathematicians* took place in Madrid, amidst the announcement of the Fields medals and the attention attracted by the solution of the Poincaré conjecture. As is well known, the Fields medals were originally a Canadian initiative, and the medals themselves continue to be fabricated here at the Royal Canadian Mint. Canada’s efforts to bring a future ICM to Montreal were highlighted at a reception held in Madrid with the cooperation of the Canadian embassy there.

In 2011 Canada looks forward to hosting the *International Congress of Applied and Industrial Mathematics*, in Vancouver. 2006 also saw extended discussions between the Canadian mathematical community and the *Natural Sciences and Engineering Research Council*, over the future funding for Canada’s three internationally renowned mathematics research institutes. The CMS participated actively in an NSERC liaison committee (Chaired by former CMS President Richard Kane) that weighed the alternatives and advocated for the stable and enhanced infrastructure needed to raise Canada’s mathematical research to new heights. The attention and effort NSERC devoted to this whole process is a testament to the excellence of Canada’s mathematics research institutes and of NSERC’s recognition of their importance for our discipline.

Meetings and conferences

The reports of the Executive Director and research committees contain details about the two excellent society meetings held in 2006, in Calgary in June, and in Toronto in December. We look forward to visiting Winnipeg for the June 2007 meeting and London in December 2007. The Winnipeg meeting will be joint with MITACS, reflecting the Society’s policy of fostering exchanges and collaborations with other societies and groups. In 2008, the CMS summer meeting will in fact be subsumed in a very large Canada-France congress, to be held in Montreal. Through this and other initiatives, we continue to showcase Canadian mathematics to the world.

The CMS has now established a relationship with the *Sociedad Matemática Mexicana (SMM)*, with SMM Vice-president Fernando Brambilla signing a formal agreement between the two societies at the December 2006 CMS meeting. In September 2006, the SMM had welcomed Canadian mathematicians to the *Centro de Investigación en Matemáticas (CIMAT)* in Guanajuato, for an extremely successful first joint meeting between the CMS and SMM. We look forward to reciprocating at a special meeting in 2009, to be organized at PIMS in Vancouver. Thanks are due to the SMM, and especially to UBC’s Alejandro Adem for spearheading this initiative. In 2009 Vancouver will also play host to the next *Canadian Mathematics Education Forum*, organized by France Caron, Malgorzata Dubiel, and Peter Taylor.

Math in Moscow

This 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 2006 two scholarships were awarded, with a combined value of \$18,000.

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 important aspect 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 (*G. de B. Robinson award*).

This year the CMS inaugurated a new prize, the *David Borwein Distinguished Career award*. The first winner was Richard Kane (Western Ontario), who at the same time received the *CMS Distinguished Service Award*. We were pleased that David and Bessie Borwein were present at the presentation during

the December 2006 CMS meeting, to unveil the beautiful bronze sculpture by Helaman Ferguson that goes to the winner.

President's and AMC Report - Continued

This work of art is inspired by a surface of negative curvature related to a conditionally convergent sequence arising from the work of David Borwein and his sons and colleagues.

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

Since CMS journals are denominated (outside Canada) in US dollars, the current US exchange rate has had a noticeable impact on the Society's revenue. Fortunately, prudent management and active fundraising have managed to keep our deficit for 2006 under \$20,000. But it is clear that to continue to support the wide range of our educational programs, a professional fundraising capacity is essential. With the help of *Queen's Advancement External Services*, we have been building that capacity. In 2006, as part of that effort, the CMS hired Mark Bowman as Development Coordinator. An on-line donations site was constructed. The accounting for our endowed funds has been made more transparent, and responsibility for them given to an arms-length Invested Funds committee, to provide greater accountability to our donors. Already these efforts have borne some fruit, in the form of generous donations by individual members of the Society, new sponsors, and through renewed or enhanced support from some of the society's existing donors.

Both CMS meetings in 2006 were occasions at which we were able to recognize the commitment of long-time supporters of CMS educational activities. In June we acknowledged the significant role of the *Imperial Oil Foundation* in helping sustain our Math Camps program. In December we marked the 60th year of *Sun Life Financial's* support, a relation almost as old as the CMS itself. Sun Life helps ensure the continued health of our mathematics competitions, and awards the *Sun Life Financial Cup* annually to the first prize winner of the CMO. Both our competitions and Math Camps programs make an important contribution to Canadian society, and we greatly appreciate the help of our donors in making them possible.

Milestones

The Calgary CMS meeting (and John Conway's talk in particular) was an occasion for celebrating the 90th birthday of Richard Guy. At the Toronto CMS meeting we marked the 80th birthday of long-time CMS Notes Editor-in-Chief S. Swaminathan.

A remarkable term of service ended when Arthur Sherk (Toronto) stepped down after 13 years as CMS Treasurer. Arthur served the society with integrity, care, and devotion. His reports - whether they consisted of good news or bad - were delivered with fairness and polite good humour. The Toronto CMS meeting offered a suitable occasion to celebrate his many contributions to the CMS. Arthur is succeeded by David Rodgers, who is by training a chemist, but has provided excellent leadership for the Society in the area of electronic services and publishing. In his new capacity

as Treasurer, we will draw on that experience as well as his background in private business.

Challenges

As usual, the Executive Committee met four times in 2006; at the meetings of the Society, and again in April and October, at the Fields Institute. Among the issues considered were a move by the UK-based teachers' organization NATFHE to boycott Israeli academics. In response, the CMS posted a statement generally opposing such boycotts, and supporting "the principle that academic freedom of individuals should not be sacrificed in the pursuit of political agendas."

The Executive also considered the important issue of the recruitment of new members. The ability of the CMS to sustain its many initiatives relies on the efforts and commitment of a high fraction of the country's mathematical scientists. Efforts continue to be made to engage young mathematicians and new faculty in the work of the society.

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 his dedicated work on behalf of the Society, and for the generous help he gave both this year's presidents during 2006.

Finally I'd like to thank Eddy Campbell, whose term as CMS President ended in June 2006. His fairness, good sense, vision, and enthusiasm have served the CMS well for a long time, but especially over the last two years as President. Among his many successes, I'll single out his response to falling publications revenue. While implementing cost savings, Eddy also realized that the real solution was to build an effective fundraising capacity within the CMS, and he led us promptly and effectively towards that goal. It was a great personal pleasure working with Eddy in 2006, and I'd like to express the Society's thanks to him for the superb job he has done.

Advancement of Mathematics Committee (AMC)

T.S. Salisbury (York) Chair from July 1

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

R. Caron (Windsor)

E. Goodaire (Memorial)

B. Jessup (Ottawa)

R. Woodrow (Calgary)

H.E.A. Campbell (Memorial) Past President from July 1

T.S. Salisbury (York), President-Elect to June 30

F.A. Sherk (Toronto) Treasurer to June 30

D.L. Rodgers (Michigan) Treasurer from July 1

G.P. Wright (CMS) Executive Director

President's and AMC Report - *Continued*

Fundraising Committee

T.S. Salisbury (York), Chair from July 1

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

H.E.A. Campbell (Memorial) Past President from July 1

D.L. Rodgers (Michigan) Treasurer from July 1

T.S. Salisbury (York) President-Elect to June 30

F.A. Sherk (Toronto) Treasurer to June 30

R. Woodrow (Calgary) AMC

G.P. Wright (CMS) Executive Director

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

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

Thomas Salisbury (Université York)

Les mathématiques en 2006

Le Canada est l'hôte d'une communauté mathématique dynamique et florissante, où la SMC joue un rôle central. Nos congrès et publications sont une composante essentielle du milieu de la recherche mathématique au pays. 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 mathématiques pour les élèves et nos activités à l'intention des enseignants de mathématiques contribuent grandement à l'essor de l'éducation mathématique au Canada. Notre programme de bourses du fonds de dotation permet la réalisation de projets mathématiques qui ne verraient pas le jour autrement. Nous organisons des concours mathématiques et y participons, tant sur la scène nationale qu'internationale. Nos prestigieux prix soulignent l'excellence en recherche et en enseignement. Nos bulletins et nos services électroniques assurent le maintien des liens au sein de la communauté – songez par exemple à l'importance de l'infrastructure électronique de la SMC pour publier des annonces de conférences ou de congrès ou des annonces d'emploi. Notre réussite dans tous ces domaines est attribuable à la participation active d'un grand nombre de mathématiciens canadiens 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.

L'année 2006 a été une année intense pour la communauté mathématique. Le Congrès international des mathématiciens (CIM), qui se tient tous les quatre ans, a eu lieu à Madrid cette année, au beau milieu de l'annonce des médailles Fields et de l'attention qu'a reçue la solution de la conjecture de Poincaré. Les médailles Fields, il est bien connu, étaient à l'origine une initiative canadienne, et les médailles sont toujours fabriquées ici à la Monnaie royale canadienne. Les efforts du Canada pour attirer un futur CIM à Montréal ont été soulignés lors d'une réception organisée à Madrid avec la collaboration de l'ambassade canadienne en Espagne.

En 2011, le Canada accueillera le Congrès international de mathématiques appliquées et industrielles, à Vancouver. En 2006, la communauté mathématique canadienne et le Conseil de recherches en sciences naturelles et en génie (CRSNG) ont beaucoup discuté du financement futur des trois instituts de recherche canadiens, qui jouissent d'une solide réputation internationale. La SMC a participé activement au comité de liaison du CRSNG (présidé par Richard Kane, ancien président

de la SMC) qui a étudié les options et a fait la promotion d'une infrastructure stable, mais améliorée, dont le Canada a besoin pour porter le niveau de la recherche mathématique canadienne vers de nouveaux sommets. L'attention et les efforts que le CRSNG a consacrés au processus prouvent l'excellence des instituts de recherche mathématique du Canada, et la reconnaissance de leur importance pour notre discipline par le CRSNG.

Congrès et conférences

Le rapport du directeur administratif et ceux des comités de la recherche décrivent avec force détails les deux excellents congrès de la Société tenus en 2006, l'un à Calgary en juin, l'autre à Toronto en décembre. Nous nous réjouissons à l'idée de nous retrouver à Winnipeg pour le congrès de juin et à London pour celui de décembre 2007. Le congrès de Winnipeg sera organisé en collaboration avec le Réseau MITACS, conformément à la politique de la Société de favoriser les échanges et la collaboration avec d'autres sociétés ou groupes. En 2008, notre rendez-vous estival prendra la forme d'un très important congrès franco-canadien qui se tiendra à Montréal. Grâce à cette initiative et à bien d'autres, nous poursuivons nos efforts de promotion des mathématiques canadiennes à l'échelle mondiale.

La SMC a tissé des liens avec la Société mexicaine de mathématiques (SMM) grâce à une entente entre la SMC et la SMM, signée par le vice-président de la SMM, Fernando Brambilla, à la Réunion de la SMC de décembre 2006. En septembre 2006, la SMM avait accueilli les mathématiciens canadiens au Centro de Investigación en Matemáticas (CIMAT) à Guanajuato, à l'occasion d'un premier congrès conjoint très réussi entre la SMC et la SMM. Nous espérons accueillir les Mexicains à notre tour lors d'un congrès extraordinaire en 2009, qui sera organisé par le PIMS à Vancouver. Nous remercions sincèrement la SMM, et en particulier Alejandro Adem (UBC) d'avoir mené de front cette initiative. En 2009, Vancouver sera aussi l'hôte du prochain Forum canadien sur l'enseignement des mathématiques, qui sera organisé par France Caron, Malgorzata Dubiel et Peter Taylor.

Math à Moscou

Ce programme offre une occasion exceptionnelle à des étudiants doués du premier cycle universitaire d'étudier pendant un semestre à l'Université indépendante de Moscou, grâce au soutien financier de la SMC et du CRSNG. En 2006, deux bourses d'une valeur combinée de 18 000 \$ ont été attribuées.

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-*

Rapport du président et du CAM- suite

Pouliot, Excellence en enseignement) attirent l'attention sur la scène nationale vers cet important 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*).

Cette année, la SMC a inauguré le *prix David-Borwein de mathématicien émérite pour l'ensemble d'une carrière*. Le premier lauréat de ce prix est Richard Kane (Western Ontario), qui a reçu par la même occasion le *Prix de la SMC pour service méritoire*. Nous sommes très heureux que David et Bessie Borwein aient pu assister à la remise du prix à la Réunion de décembre 2006 et dévoiler la magnifique sculpture de bronze réalisée par Helaman Ferguson attribuée au lauréat du prix David-Borwein. Cette œuvre d'art, inspirée des travaux de David Borwein, de ses fils et de ses collègues, représente une surface de courbure négative liée à une suite conditionnellement convergente.

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.

Avancement des mathématiques

Comme les revues de la SMC se vendent en dollars US à l'extérieur du Canada, la faiblesse actuelle de la devise américaine a eu un effet marqué sur les revenus de la Société. Heureusement, une gestion prudente et des campagnes de financement dynamiques nous ont permis de conserver notre déficit sous les 20 000 \$ en 2006. Mais il est clair que pour continuer à soutenir notre vaste gamme de programmes éducatifs, nous avons besoin d'aide externe. Avec l'aide du service d'avancement externe de l'Université Queen's, nous nous sommes donné ces moyens. Dans cette optique, la SMC a embauché en 2006 Mark Bowman à titre de coordonnateur du développement. Nous avons en outre créé un site de don en ligne. Nous avons accru la transparence de la gestion financière de nos fonds de dotation et en avons confié la gestion à un Comité des investissements autonome, afin d'offrir à nos donateurs une imputabilité supérieure. Ces efforts ont déjà porté leurs fruits, sous la forme de dons généreux offerts par des membres individuels de la Société, de nouveaux commanditaires et du soutien renouvelé ou accru de certains de nos donateurs actuels.

Les deux congrès de la SMC de 2006 nous ont permis de rendre hommage à l'engagement soutenu d'organisations qui appuient les activités éducatives de la SMC. En juin, nous avons souligné le rôle primordial de la Fondation Pétrolière Impériale dans le financement de notre programme de camps mathématiques. En décembre, nous avons souligné la 60^e année de soutien de la Sun Life envers la SMC, une relation presque aussi ancienne que

la SMC elle-même. La Sun Life contribue à la vitalité de nos concours mathématiques et décerne tous les ans la Coupe Sun Life au grand gagnant de l'Olympiade mathématique du Canada. Nos programmes de concours et de camps mathématiques apportent beaucoup à la société canadienne, et nous apprécions énormément le soutien de nos donateurs à la réalisation de ces programmes.

Événements marquants

Le congrès de la SMC tenu à Calgary (et la conférence de John Conway en particulier) nous a permis de souligner le 90^e anniversaire de Richard Guy. Au congrès de Toronto, nous avons célébré le 80^e anniversaire de S. Swaminathan, rédacteur en chef des *Notes de la SMC* depuis de nombreuses années.

Après 13 années de loyaux services, Arthur Sherk (Toronto) a quitté la trésorerie de la SMC. Arthur a offert ses services à la Société avec intégrité, attention et dévouement. Qu'ils contiennent de bonnes ou de mauvaises nouvelles, ses rapports ont toujours été justes et empreints d'un humour poli. Nous avons souligné ses nombreuses contributions à la SMC au congrès de Toronto. Arthur laisse la place à David Rodgers, chimiste de formation, qui a guidé la SMC avec brio dans les dossiers des services et de la publication électroniques. À titre de trésorier, il bénéficiera sans doute de cette expérience, tout comme de ses années de travail dans le secteur privé.

Dossiers chauds

Comme d'habitude, le Comité exécutif s'est réuni à quatre reprises en 2006, soit à l'occasion des deux congrès de la Société ainsi qu'en avril et en octobre, à l'Institut Fields. Au nombre des dossiers sur lesquels le comité s'est penché, mentionnons le mouvement de boycottage des scientifiques israéliens lancé par une association d'enseignants du Royaume-Uni (NATFHE). En réaction à ce mouvement, la SMC a résolu de s'opposer de façon générale à de tels boycottages et « d'appuyer le principe selon lequel la liberté des scientifiques ne doit pas être sacrifiée au profit de visées politiques ».

Le Comité exécutif a aussi étudié l'importante question du recrutement de nouveaux membres. La capacité de la SMC de poursuivre ses nombreuses activités repose sur le travail et l'engagement d'une forte proportion des mathématiciens du pays. Nous poursuivons nos efforts pour intéresser les jeunes mathématiciens et les nouveaux professeurs au travail de la Société.

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

Rapport du président et du CAM- suite

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 dévouement envers la Société ainsi que de son aide précieuse et de sa grande générosité envers les deux présidents en 2006.

Enfin, j'adresse mes sincères remerciements à Eddy Campbell, qui a terminé son mandat de président de la SMC en juin 2006. Si la SMC bénéficie de son souci d'équité, de son bon jugement, de sa vision et de son enthousiasme depuis plusieurs années, elle en a profité encore davantage durant ses deux années à la présidence. Parmi ses nombreux bons coups, je soulignerai en particulier sa réaction à la baisse de revenus tirés de nos publications. Tout en s'efforçant de réduire les coûts, Eddy a compris que la véritable solution consistait à doter la SMC d'une structure de financement efficace et il nous a guidés rapidement et efficacement vers cet objectif. Ce fut pour moi un grand plaisir de travailler avec Eddy en 2006, et j'aimerais le remercier, au nom de la Société, de son excellent travail.

Comité pour l' avancement des mathématiques (CAM)

T.S. Salisbury (York), président

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

R. Caron (Windsor)

E. Goodaire (Memorial)

B. Jessup (Ottawa)

R. Woodrow (Calgary)

H.E.A. Campbell (Memorial) président-élu du 1 juillet

T.S. Salisbury (York) président-élu au 30 juin

F.A. Sherk (Toronto) trésorier au 30 juin

D.L. Rodgers (Michigan) trésorier du 1 juillet

G.P. Wright (CMS) directeur administratif

Comité de la collecte de fonds

T.S. Salisbury (York), président du 1 juillet

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

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

D.L. Rodgers (Michigan) du 1 juillet

T.S. Salisbury (York) président-élu du 1 juillet

F.A. Sherk (Toronto) trésorier au 30 juin

R. Woodrow (Calgary) CAM

G.P. Wright (CMS) directeur administratif

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

Executive Director's Report

Graham P. Wright (University of Ottawa)

General:

In 2006 there were a number of staff changes at the Executive Office in Ottawa. Following approval by the Board of Directors, the Society is devoting more resources to fund raising activities. In March 2006, Mark Bowman was hired under a two-year contract as the CMS Development Coordinator and Queen's Advancement External Services (QAES) have been engaged on a consultative basis.

Nathalie Blanchard, Assistant to the Executive Director, left the CMS in June 2006 to become a Graphics Design Consultant. Although Nathalie is no-longer a full-time member of the Executive Office staff, she continues to provide assistance, on a contract basis, for the design of the Society's meeting posters and programs, brochures, and other materials. Nathalie is also involved with the re-design of the Society's web site and some of the newly-designed web pages will be released during 2007. Susan Latreille took over as Assistant to the Executive Director in June 2006. In addition to performing the duties required of the Assistant, Susan is also responsible for assisting with the production of each issue of the CMS Notes, the administrative aspects of the Canadian Mathematical Olympiad, Canada's participation at the annual International Mathematical Olympiad, the CMS elections, and assisting with the various award and media events.

In November 2006, Susan Duncan, the Administrative Clerk, left the CMS and Rachael Cunningham was hired to fill the position, effective January 2007. The list of the Executive Office staff is given on page 38 and I would like to acknowledge and thank all of the staff for their help and support.

Since late 2004, the CMS Executive Office has been providing membership and related services for the Statistical Society of Canada (SSC). The current arrangements will be reviewed and a new agreement negotiated in 2007. In September 2006, the SSC approached the CMS to create and administer an On-line Registration System for the SSC annual meetings. A special agreement was developed and approved in December 2006. Thanks to the important efforts of Alan Kelm, CMS Web Services Manager, the new system has been developed and, even though there were a number of unforeseen factors that impacted the implementation, the new system was launched in February 2007.

I am happy to report that the campaign to attract new members and to retain existing members continues to be successful. This is due to the efforts of the membership and publications staff

(Liliane Sousa and Tina LaPage) who have also been focusing on providing more direct contact with the subscribers and agents for the Society's periodicals. It is hoped that this approach will help to retain subscribers and to reduce the natural decline in periodical subscriptions.

Effective June 30, 2006, Eddy Campbell (Memorial) ended his term as President and Thomas Salisbury (York) took over. I wish to acknowledge the valuable leadership and support of Eddy during his two-year term as President, particularly for spear-heading the Society's enhanced fund raising strategy. Also in June 2006, Arthur Sherk ended his thirteen-year term as CMS Treasurer. The CMS was pleased that David Rodgers agreed to assume the role of Treasurer, effective July 1, 2006. I have been very grateful to Arthur for his counsel and superior service as Treasurer throughout his term and the Society was privileged to honour Arthur at the CMS Winter Meeting Banquet in Toronto in December.

Finances and Fund Raising:

At the Board of Directors Meeting in December 2005, the Terms of Reference for the CMS Endowed Funds including the Principles for the Preservation of Capital were approved. In 2006, the Board approved the creation of a CMS Contingency Fund and the terms of reference for this Fund, as well as the amounts to be allocated to the CMS Endowment Fund and CMS Contingency Fund. The terms of reference for a new standing committee, the Invested Funds Committee, were approved as were revisions to the terms of reference and membership of the Finance Committee. The Invested Funds Committee will be responsible for the Society's invested funds and for determining the annual allocations of the annual income from the CMS Endowed Funds. In the short-term, the strategy for the CMS Contingency Funds will be the same as that for the Endowed Funds. The creation of a Contingency Fund and an Invested Funds Committee will allow the Endowed Funds to be managed transparently as true endowments, thereby providing greater accountability to donors.

At request of the auditors, a review of the annual allocations and costs of life-time memberships has been conducted. An Ad-hoc Committee of the Finance Committee was formed comprised of David Bates (Chair), Jamie Mingo, Yvette Roberts, the Treasurer, and the Executive Director and with the responsibility to consider proper accounting methods and pricing for lifetime memberships. In December 2006, the Board of Directors accepted the recommendations of the Ad-hoc Committee. The Balance Sheet will now include a liability for life-time memberships which will be re-calculated annually. Also, the fees for life-time

Executive Director's Report - *Continued*

memberships have been revised and, effective 2007 will range from \$3,000 for members under 35 years old to \$1,500 for those members over 65 years old. Thanks are due to David Bates for his excellent work with this review of life-time memberships.

At the end of 2007, the CMS changed its financial software and I wish to commend Yvette Roberts, CMS Accountant, for her work with this significant change and in implementing all of the changes to the accounting operations resulting from the changes mentioned above, as well as those necessary for the financial services to the SSC.

The 2006 fund raising campaign was quite successful. The CMS is grateful for all those members who donated to one of our activities, many making significant increases in their annual contribution. Also a number of special donations were received for the Society's competitions programs. For 2007, NSERC PromoScience has decided not to renew its support for the CMS Math Camps Program and the CMS is also looking for a new Title Sponsor for this program. These and other factors will result in significant efforts being needed to meet the 2007 fund raising targets.

Publishing Activities:

As has been the case for many years, all of the Society's periodicals appeared on-time or well ahead of schedule. This could not be accomplished without the significant efforts of all of the editors-in-chief, the members of the various editorial boards and particularly the staff of the CMS Publications Office in Winnipeg, under the direction of Craig Platt (Manitoba). The change in Executive Office personnel mentioned previously did not cause any delays in the production of the CMS Notes and I wish to thank Susan Latreille S. Swaminathan (Dalhousie) and Robert Dawson (St. Mary's) for their help with the transfer. Henri Darmon and Niky Kamran (McGill) ended their five-year terms as Editors-in-Chief of the Canadian Journal of Mathematics and the Society is indebted to them for their excellent leadership during the past five years. The new Editors-in-Chief are Robert McCann and Henry Kim (Toronto).

The past year has seen significant expansion of the Society's publications activities.

The CMS Book Series with Springer continues to be very successful. A total of 26 books have been released with several volumes having sales of over 1000 copies to-date. At least two volumes are scheduled to appear in 2007 and three other volumes are under contract.

Volume VI (*Problems for Mathematics Leagues – II*) in the ATOM (A Taste of Mathematics) Series was published in 2006 and volume VII should be released in early 2007.

The Agreement with A.K. Peters for a new series, the CMS Treatises in Mathematics, has been approved and two contracts have been signed. The CMS will act as the publisher and be responsible for the production of each volume in the series with A.K. Peters responsible for marketing and promotion. The first book in this series will be published in 2007. The Editorial Board for the CMS Treatises in Mathematics consists of James Arthur (Toronto), Ivar Ekeland (UBC), Arvind Gupta (Simon Fraser), Barbara Keyfitz (Fields/Houston), and François Lalonde (Montréal).

The CMS has also entered into a co-publishing agreement with the Mathematical Association of America for a series of books in *problem solving*. The initial books in this series will feature the wealth of problems posed by Murray Klamkin and some of will feature a collection from some of the ATOM books. The first volume in this series should appear in 2007.

Meetings:

The 2006 Summer Meeting was hosted by the University of Calgary, and the 2006 Winter Meeting, by the University of Toronto. Thanks go to the Meeting Directors: Claude Laflamme (Calgary) and Ian Graham (Toronto), the Chair of Local Arrangements: Tony Ware (Calgary) and Erich Ellers (Toronto), and to the many session organizers for all their efforts in making both meeting very successful.

The First Joint Meeting between the Canadian Mathematical Society and the Sociedad Matemática Mexicana (SMM) took place from September 21-23, 2006 in Guanajuato, Mexico. There were more than 225 participants and work of the Scientific Committee consisting of Alejandro Adem (Chair), Andrew Granville, and Walter Craig representing the CMS, and J.C. Gómez Larrañaga (Chair), Lourdes Palacios, and Fernando Brambila representing the SMM contributed to a most successful first joint meeting. The second Joint CMS/SMM Meeting is scheduled to take place in Vancouver in August 2009.

Although the CMS Executive Office, particularly Gertrud Jeewanjee, Meeting Coordinator, provides considerable level of assistance, all of 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 2006 meetings extremely successful.

Thanks:

The Society's continues to expand its activities on many levels and this would not be possible without the significant help and support of the members, especially those and others who volunteer on CMS committees and editorial boards. All have helped make 2006 a very productive and successful year.

Rapport annuel 2005 du directeur administratif

Graham P. Wright (Ottawa)

Généralités

En 2006, nous avons eu beaucoup de roulement au bureau administratif à Ottawa. Avec l'approbation du Conseil d'administration, la Société se consacre davantage à ses activités de financement. En mars 2006, nous avons recruté Mark Bowman à titre de coordonnateur du développement pour un contrat de deux ans et fait appel au service d'avancement externe (QAES) de l'Université Queen's sur une base consultative.

Nathalie Blanchard a quitté son poste d'adjointe du directeur administratif en juin 2006 pour s'installer en tant que graphiste-conseil. Même si elle ne fait plus partie de la permanence du bureau administratif, Nathalie continue de nous aider à contrat (affiches et programmes de Réunions, brochures, etc.). Elle participe aussi à la réfection de notre site internet, dont les nouvelles pages seront en partie dévoilées durant l'année en cours. Susan Latreille est entrée en fonction comme adjointe du directeur administratif en juin 2006. En plus des tâches dévolues à ce poste, elle s'occupe du soutien à la production des *Notes de la SMC*, des aspects administratifs de l'Olympiade mathématique du Canada, de la participation annuelle du Canada à l'Olympiade internationale de mathématiques et de l'organisation de nos élections. Elle intervient aussi dans l'organisation de nos remises de prix et de nos activités médiatiques.

En novembre 2006, Susan Duncan, a quitté son poste de commis à l'administration, repris par Rachael Cunningham en janvier 2007. J'aimerais remercier tous les membres du personnel du bureau administratif (liste en page 38) de leur aide et de leur soutien.

Depuis la fin 2004, notre bureau offre des services administratifs à la Société statistique du Canada (SSC). L'entente actuelle sera renégociée dans le courant de l'année. En septembre 2006, la SSC a confié à la SMC le mandat de créer et d'administrer un système d'inscription en ligne pour ses congrès annuels. Une entente spéciale a été négociée et approuvée en décembre 2006. Le nouveau système a été développé sous la houlette d'Alan Kelm, responsable des services web de la SMC. Malgré tous les impondérables venus compliquer sa mise en service, le système a été lancé en février 2007.

À ma grande joie, nos efforts pour recruter de nouveaux membres et maintenir nos effectifs continuent de porter leurs fruits. Merci au personnel des services aux membres et des publications (Liliane Sousa et Tina LaPage), qui s'efforcent en outre d'entretenir des liens plus étroits avec les abonnés et les distributeurs de nos publications. Espérons que cette stratégie nous aidera à garder nos abonnés et à freiner la baisse naturelle des abonnements à nos publications.

En date du 30 juin 2006, Eddy Campbell (Memorial) a terminé son mandat à la présidence et Thomas Salisbury (York) a pris le relais. Je tiens à remercier Eddy pour son leadership et son soutien précieux durant ses deux années de mandat, et notamment pour son rôle de premier plan dans notre nouvelle stratégie de financement. Juin 2006 marque aussi le départ d'Arthur Sherk après 13 années de service à la trésorerie. La SMC se réjouit que David Rodgers accepte de prendre le relais à compter du 1^{er} juillet 2006. Je suis très reconnaissant à Arthur de ses judicieux conseils et de ses bons services tout au long de son mandat. La Société a eu l'honneur de lui rendre hommage au banquet de la Réunion d'hiver de Toronto, en décembre.

Finances et collecte de fonds

En décembre 2005, le Conseil d'administration a approuvé les modalités du fonds de dotation de la SMC et les principes de conservation du capital. En 2006, le Conseil a approuvé la création d'un fonds de prévoyance et les modalités de ce fonds, ainsi que les sommes à affecter au fonds de la SMC et au fonds de prévoyance. Le Conseil a également approuvé le mandat d'un nouveau comité permanent, le Comité des investissements, ainsi que le mandat révisé et la composition du Comité des finances. Le Comité des investissements s'occupera des investissements de la SMC et de la répartition annuelle des revenus du fonds de dotation. À court terme, la stratégie pour le fonds de prévoyance sera la même que pour le fonds de dotation. La création d'un fonds de prévoyance et d'un Comité des investissements garantira la gestion transparente du fonds de dotation et témoigne d'une responsabilité accrue envers les donateurs.

À la demande des vérificateurs, nous avons reconsidéré la répartition annuelle et les cotisations à vie. Un comité spécial du Comité des finances – David Bates (président), Jamie Mingo, Yvette Roberts, le trésorier et le directeur administratif – a été chargé de proposer des méthodes comptables appropriées et de réviser les cotisations à vie. En décembre 2006, le Conseil d'administration a accepté les recommandations du comité spécial. Le bilan comportera désormais un élément de passif pour les cotisations à vie, qui sera recalculé annuellement. De même, les cotisations à vie ont été révisées : à compter de 2007, elles varieront de 3 000 \$ pour les membres de moins de 35 ans à 1 500 \$ pour les membres de plus de 65 ans. Merci à David Bates pour son excellent travail dans le dossier de la révision des cotisations à vie.

À la fin de 2007, nous avons adopté un nouveau logiciel de gestion financière, et je tiens à féliciter Yvette Roberts, notre comptable, qui a piloté cette importante transition et apporté les changements nécessaires au niveau de notre comptabilité et de nos services financiers à la SSC.

Rapport du directeur administratif - suite

La campagne de financement 2006 a donné d'assez bons résultats. De nombreux membres ont augmenté sensiblement leur contribution annuelle, et nous remercions tous ceux et celles qui ont fait un don à l'une ou l'autre de nos activités. De plus, nous avons reçu de nombreuses contributions spéciales pour les concours de la SMC. Étant donné que le programme PromoScience du CRSNG a décidé de ne pas renouveler son soutien aux camps mathématiques de la SMC en 2007, nous sommes à la recherche d'un nouveau commanditaire en titre pour ce programme. Pour cette raison et pour d'autres, nous devons travailler très fort pour atteindre nos objectifs de financement en 2007.

Activités de publication

Comme c'est le cas depuis plusieurs années, tous les périodiques de la Société ont paru à la date prévue ou même bien avant. Une telle promptitude n'aurait pas été possible sans le travail considérable de tous les rédacteurs en chef, des membres des comités de rédaction et, en particulier, du personnel du bureau des publications de la SMC à Winnipeg, sous la direction de Craig Platt (Manitoba). Le roulement de personnel au bureau administratif n'a jamais retardé la production des *Notes de la SMC*, et je tiens à remercier Susan Latreille, S. Swaminathan (Dalhousie) et Robert Dawson (St. Mary's) de leur aide durant la transition. Henri Darmon et Niky Kamran (McGill) ont terminé leur mandat de cinq ans comme rédacteurs en chef du *Journal canadien de mathématiques*, et la Société tient à souligner la qualité de leur leadership durant toutes ces années. Les nouveaux rédacteurs en chef sont Robert McCann et Henry Kim (Toronto).

Les activités de publications de la SMC ont été très intenses dans la dernière année.

La collection « Ouvrages de mathématiques de la SMC », en collaboration avec Springer, demeure un franc succès : 26 ouvrages publiés, dont plusieurs titres vendus à plus de 1 000 exemplaires. Au moins deux autres titres paraîtront en 2007 et trois autres sont en préparation.

Le sixième volume de la collection ATOM (Aime-t-on les mathématiques), intitulé *Problems for Mathematics Leagues – II* a paru en 2006, et le septième volume devrait paraître début 2007.

L'entente avec A.K. Peters pour la nouvelle collection « Traités mathématiques de la SMC » a été ratifiée, et deux contrats ont été signés. La SMC sera l'éditeur de la collection et se chargera de la production de chaque volume, et A.K. Peters s'occupera du marketing et de la promotion. Le premier titre de cette collection paraîtra en 2007. La SMC est ravie de la composition du comité de rédaction de cette nouvelle collection : James Arthur (Toronto), Ivar Ekeland (UBC), Arvind Gupta (Simon Fraser), Barbara Keyfitz (Fields/Houston) et François Lalonde (Montréal).

La SMC a également signé une entente de publication en partenariat avec la MAA (Mathematical Association of America) pour une collection d'ouvrages sur la résolution de problèmes. Les premiers livres de cette collection porteront sur le grand nombre de problèmes posés par Murray Klamkin, et certains présenteront un regroupement de quelques-uns des ouvrages de la collection ATOM. Le premier titre de cette collection devrait paraître en 2007.

Réunions

La Réunion d'été 2006 s'est tenue à l'Université de Calgary, et la Réunion d'hiver 2006, à l'Université de Toronto. Merci aux directeurs de ces Réunions, Claude Laflamme (Calgary) et Ian Graham (Toronto); aux présidents des comités de logistique, Tony Ware (Calgary) et Erich Ellers (Toronto); et aux nombreux organisateurs de sessions. Grâce à leurs valeureux efforts, ces Réunions ont été toutes deux couronnées de succès.

Notre premier congrès conjoint avec la Société mexicaine de mathématiques (SMM) a eu lieu du 21 au 23 septembre 2006 à Guanajuato, au Mexique. Il y avait plus de 225 participants, et le travail du comité scientifique – pour la SMC : Alejandro Adem (président), Andrew Granville et Walter Craig; pour la SMM : J.C. Gómez Larrañaga (président), Lourdes Palacios et Fernando Brambila – a contribué au grand succès de ce premier congrès conjoint. Le deuxième congrès conjoint SMC-SMM aura lieu à Vancouver en août 2009.

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 2006.

Remerciements

La Société ne saurait continuer de diversifier autant ses activités sans l'appui de ses membres, en particulier ceux et celles qui siègent aux différents comités de la SMC et aux comités de rédaction. Grâce à vous toutes et tous, 2006 aura été une année très fructueuse.

Treasurer's Report

David Rodgers

In the Operations Fund (General, Education, Research, and Publishing), there was an overall deficit of \$19,732, down from the end-of-year forecast of \$44,391. A significant component of the reduced deficit is due, in large part, to unanticipated donations and lower than projected committee expenses. In addition, there was a \$94,000 charge (\$104,000 had been budgeted) against the Contingency Fund to defray first-year start-up costs for the CMS fund-raising initiative. For 2007, on-going fundraising costs will become part of the operating budget. Numbers of subscription losses were slightly higher than the historical 5% year-to-year reported by most journal publishers but book series sales are beginning to see traction. Although the income from registration fees for the 2006 Summer meeting was significantly lower than projected, subscription and membership revenue was up over 2005, largely due to increased rates.

On balance, the CMS has seemingly stemmed the significant losses incurred in the Operations Fund for 2003 and 2004 with "close to" break-even years in 2005 and 2006. The most significant component of recent deficits has been the impact of Canada-US exchange rates on publishing revenue. Going forward, the CMS fund-raising effort is expected to begin producing more revenue than it costs, thereby pushing our Operations once again

into the black. Subsidy reports have been designed which reflect the level of support for all CMS activities and serve as a guide in setting priorities for fund-raising and budgeting.

The Society's Restricted Investments have been separated into Endowed Funds and a Contingency Fund and the newly formed Invested Funds Committee is responsible to the Board of Directors for the Society's restricted investments. An analysis of the costs of lifetime memberships has been completed, and the fee model adjusted. In 2007, the financial statements will reflect the liability associated with lifetime memberships.

Many members have been of assistance to me in a variety of ways this year as I learned the role of Treasurer, but I am especially indebted to Arthur Sherk, Yvette Roberts, Tom Salisbury, and Graham Wright for their contributions to my education.

Rapport du trésorier

David Rodgers

Le budget de fonctionnement (général, éducation, recherche et publications) affiche un déficit global de 19 732 \$, en baisse par rapport à la prévision de fin d'année de 44 391 \$. Un facteur qui a grandement contribué à la réduction de ce déficit est l'arrivée de dons inattendus et les dépenses des comités, qui ont été moins élevées que prévu. En outre, un montant de 94 000 \$ (comparativement aux 104 000 \$ budgétés) a été versé au fonds de prévoyance pour couvrir le coût de la première année des activités de financement de la SMC. À partir de 2007, le coût de ces activités sera intégré au budget de fonctionnement. Les pertes attribuables aux abonnements ont été un peu plus élevées que le niveau habituel signalé par la plupart des éditeurs (5 %), mais les ventes de livres commencent à monter. Même si les recettes provenant des droits d'inscription à la Réunion d'été 2006 ont été très inférieures aux prévisions, les recettes tirées des abonnements et des adhésions étaient supérieures à celles de 2005, en grande partie en raison de l'augmentation des tarifs.

Dans l'ensemble, la SMC semble avoir contenu les importantes pertes essuyées au budget de fonctionnement en 2003 et 2004 en arrivant presque à un équilibre en 2005 et 2006. Le facteur qui a eu la plus grande incidence sur les déficits des dernières années est l'effet du taux de change entre le dollar canadien et le dollar

américain sur les recettes des publications. En regardant vers l'avant, on constate que le travail de collecte de financement de la SMC devrait commencer à produire plus de recettes que de coûts, ce qui ramènera à nouveau le budget de fonctionnement vers un surplus. De tout nouveaux rapports de subvention montrant le niveau de financement de la SMC à toutes les activités et orientant les priorités de financement et de budget ont été formés.

Le fonds d'investissement affecté de la Société a été séparé en un fonds de dotation et un fonds de prévoyance. Le nouveau Comité des investissements relève du Conseil d'administration en ce qui concerne les investissements affectés de la Société. Une analyse du coût de l'adhésion à vie a été réalisée, et la tarification a été révisée. En 2007, le coût associé aux adhésions à vie se reflétera dans les états financiers.

De nombreux membres m'ont prêté main-forte de diverses façons pendant mon apprentissage du rôle de trésorier, mais je tiens à remercier particulièrement Arthur Sherk, Yvette Roberts, Tom Salisbury et Graham Wright de leur précieuse collaboration.

Balance Sheet as of December 31, 2006

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 \$	2006 Total \$	2005 Total \$
Current Assets										
Cash	146,690								146,690	124,318
Short-term Investments	16,682								16,682	183,568
Accounts receivable and accrued interest	289,838	29,084							318,922	309,387
Budget advances	968								968	9,845
Prepaid expenses	58,781								58,781	46,704
Due from (to) specified fund	71,808	(79,722)	(1,419)	6,484	1,557		11	1,281		
	584,767	(50,638)	(1,419)	6,484	1,557		11	1,281	542,043	673,822
Investments	1,935	933,615	393,283		192,104		51,209		1,572,146	1,596,961
Capital assets	44,809								44,809	22,423
	<u>631,511</u>	<u>882,977</u>	<u>391,864</u>	<u>6,484</u>	<u>193,661</u>		<u>51,220</u>	<u>1,281</u>	<u>2,158,998</u>	<u>2,293,206</u>
Liabilities										
Current liabilities										
Accounts payable and accrued liabilities	196,057								196,057	208,176
Deferred contributions	390,645								390,645	459,687
	586,702								586,702	667,863
Fund Balances										
Invested in capital assets	44,809								44,809	22,423
Restricted		882,977	391,864	6,484	193,661		51,220	1,281	1,527,487	1,602,920
	44,809	882,977	391,864	6,484	193,661		51,220	1,281	1,572,296	1,625,343
	<u>631,511</u>	<u>882,977</u>	<u>391,864</u>	<u>6,484</u>	<u>193,661</u>		<u>51,220</u>	<u>1,281</u>	<u>2,158,998</u>	<u>2,293,206</u>

Statement of Revenue and Expenditures year ended December 31, 2006

	GENERAL DIVISION		PUBLISHING DIVISION		RESEARCH DIVISION		EDUCATION DIVISION		TOTAL	
	2006 \$	2005 \$	2006 \$	2005 \$	2006 \$	2005 \$	2006 \$	2005 \$	2006 \$	2005 \$
Revenue										
Grants	17,000	29,000		2,500	37,100	25,753	85,364	129,100	139,464	186,353
Donations	33,023	18,898	717	1,744	631	1,376	85,977	65,119	120,348	87,137
Membership fees	124,375	112,844							124,375	112,844
Registration fees and other sales					140,481	184,419	100,680	101,940	241,161	286,359
Subscriptions and publications	5	110	723,528	692,065	80	80			723,613	692,255
Services, advertising and sales	49,948	49,959	16,379	27,305	5,597	4,718		11,160	71,924	93,142
Sundry	2,535	1,161	2,522	1,144	(750)	1,213	(775)	1,144	3,532	4,662
	<u>226,886</u>	<u>211,972</u>	<u>743,146</u>	<u>724,758</u>	<u>183,139</u>	<u>217,559</u>	<u>271,246</u>	<u>308,463</u>	<u>1,424,417</u>	<u>1,462,752</u>
Expenditures										
National projects	16,741	41,532					191,559	174,874	208,300	216,406
Speakers and prizes			106	106	54,308	51,919	21,533	49,820	75,947	101,845
Production			122,021	125,850	4,833	6,015			126,854	131,865
Promotional material	3,827	837	2,594	922	5,109	2,016	6,542	6,016	18,072	9,791
Salaries and benefits	169,805	102,337	230,747	286,457	137,364	103,982	80,674	103,743	618,590	596,519
Boards and committees	44,121	29,126	69,689	68,950	109	161	3,352	2,851	117,271	101,088
Legal and audit	4,871	2,801	5,013	2,800	3,247	2,800	1,624	2,800	14,755	11,201
General administration	44,533	38,149	65,377	70,011	123,358	121,629	18,371	70,867	251,639	300,656
Amortization of capital assets	2,800	1,601	2,334	1,602	5,253	1,602	2,334	1,602	12,721	6,407
	<u>286,698</u>	<u>216,383</u>	<u>497,881</u>	<u>556,698</u>	<u>333,581</u>	<u>290,124</u>	<u>325,989</u>	<u>412,573</u>	<u>1,444,149</u>	<u>1,475,778</u>
Excess (deficiency) of revenue over expenditures	<u>(59,812)</u>	<u>(4,411)</u>	<u>245,265</u>	<u>168,060</u>	<u>(150,442)</u>	<u>(72,565)</u>	<u>(54,743)</u>	<u>(104,110)</u>	<u>(19,732)</u>	<u>(13,026)</u>

Statement of Revenue, Expenditures and changes in Fund Balances, Restricted Funds year end December 31, 2006

	Contingency Fund	Designated Activities 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	Total 2006	Total 2005
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Revenue										
Donations			1,961		3,746		352		6,059	3,521
Membership fees	22,000								22,000	21,000
Dividend, interest and other income	33,798		14,215		6,660		1,800		56,473	56,021
Gain (loss) on disposal of investments	11,932		5,051		2,367		640		19,990	13,228
	<u>67,730</u>		<u>21,227</u>		<u>12,773</u>		<u>2,792</u>		<u>104,522</u>	<u>93,770</u>
Expenditures										
Lifetime membership fees annual transfer	25,760								25,760	21,164
Projects	74,371			16,549					90,920	31,698
Mathematical Olympiad annual transfer						5,000			5,000	5,000
Service Fees	7,471		3,165	3,167	1,484		401		15,688	10,000
Promotional material										6,483
Speakers and prizes								469	469	1,530
	<u>107,602</u>		<u>3,165</u>	<u>19,716</u>	<u>1,484</u>	<u>5,000</u>	<u>401</u>	<u>469</u>	<u>137,837</u>	<u>75,875</u>
Contribution to operations from capital			(26,200)	26,200	(5,000)	5,000	(1,750)	1,750		
Excess (deficiency) of revenue over expenditures	(39,872)		(8,138)	6,484	6,289	0	641	(1,281)	(33,315)	17,895
Fund balances, beginning of year		4,202	1,360,767		187,372		50,579		1,602,920	1,597,727
Reallocation of fund balances	964,967	(4,202)	(960,765)							
Transfer to Operations Fund	(42,118)								(42,118)	(12,702)
Fund balances, end of year	<u>882,977</u>		<u>391,864</u>	<u>(6,484)</u>	<u>193,661</u>	<u>0</u>	<u>51,220</u>	<u>(1,281)</u>	<u>1,527,487</u>	<u>1,602,920</u>

Budgets - Operations Fund Summary

GRAND DIVISION SUMMARY	2005 Year-end	Budget 2006	Actuals year end	BUDGET 2007
GENERAL				
Total Revenue	211,961	220,788	226,886	234,636
Total Expenditure	216,385	309,962	286,698	335,154
NET REVENUE/EXPENDITURE	<u>(4,423)</u>	<u>(89,174)</u>	<u>(59,812)</u>	<u>(100,518)</u>
EDUCATION				
Total Revenue	308,467	237,933	271,246	352,700
Total Expenditure	412,573	302,190	325,989	371,532
NET REVENUE/EXPENDITURE	<u>(104,107)</u>	<u>(64,257)</u>	<u>(54,743)</u>	<u>(18,832)</u>
RESEARCH				
Total Revenue	217,564	234,110	183,139	341,700
Total Expenditure	290,125	384,169	333,581	508,586
NET REVENUE/EXPENDITURE	<u>(72,561)</u>	<u>(150,059)</u>	<u>(150,442)</u>	<u>(166,886)</u>
PUBLISHING				
Total Revenue	724,762	821,685	743,146	818,735
Total Expenditure	556,698	503,568	497,881	527,698
NET REVENUE/EXPENDITURE	<u>168,064</u>	<u>318,117</u>	<u>245,265</u>	<u>291,037</u>
OPERATIONS FUND				
Total Revenue	1,462,753	1,514,515	1,424,417	1,747,771
Total Expenditure	1,475,781	1,499,889	1,444,149	1,742,970
NET REVENUE/EXPENDITURE	<u>(13,027)</u>	<u>14,626</u>	<u>(19,732)</u>	<u>4,801</u>

Budgets - General and Education Divisions

GENERAL SUMMARY	2005 Year-end	Budget 2006	Actuals year end	BUDGET 2007
REVENUE				
Administration	69,590	62,558	85,417	71,095
Members	112,844	130,230	124,375	131,541
Projects	29,527	28,000	17,094	32,000
TOTAL REVENUE	211,961	220,788	226,885	234,636
EXPENDITURE				
Administration	173,244	210,118	213,348	226,920
Members	1,608	59,694	56,609	68,304
Projects	41,533	40,150	16,741	39,930
TOTAL EXPENDITURE	216,385	309,962	286,698	335,154
NET REVENUE/EXPENDITURE	(4,423)	(89,174)	(59,812)	(100,518)

EDUCATION SUMMARY	2005 Year-end	Budget 2005	Actuals year end	BUDGET 2007
REVENUE				
Administration	17,907	12,400	13,511	18,500
Competitions	121,293	123,350	179,470	202,000
Forum	76,750	0	0	0
Math Camps	69,100	71,850	74,932	107,200
Projects	23,417	30,333	3,333	25,000
TOTAL REVENUE	308,467	237,933	271,246	352,700
EXPENDITURE				
Administration	144,247	90,241	90,375	97,145
Competitions	113,200	136,643	162,152	170,509
Forum	67,058	0	0	0
Math Camps	43,813	57,379	54,324	76,368
Projects	44,255	17,927	19,138	27,510
TOTAL EXPENDITURE	412,573	302,190	325,989	371,532
NET REVENUE/EXPENDITURE	(104,107)	(64,257)	(54,743)	(18,832)

Budgets - Research and Publications Divisions

RESEARCH SUMMARY	2005 Year-end	Budget 2006	Actuals year end	BUDGET 2007
REVENUE				
Administration	(303)	1,000	2,537	6,000
Meetings	217,866	233,110	180,602	335,700
Projects	0	0	0	0
TOTAL REVENUE	217,564	234,110	183,139	341,700
EXPENDITURE				
Administration	143,663	5,743	6,515	11,175
Meetings	144,307	376,726	324,772	491,596
Projects	2,155	1,700	2,294	5,815
TOTAL EXPENDITURE	290,125	384,169	333,581	508,586
NET REVENUE/EXPENDITURE	(72,561)	(150,059)	(150,442)	(166,886)

PUBLISHING SUMMARY	2005 Year-end	Budget 2006	Actuals year end	BUDGET 2007
REVENUE				
Administration	11,511	9,333	7,408	5,870
Journal	441,105	548,444	509,600	549,805
Bulletin	151,294	188,357	167,475	183,495
Notes	10,566	19,096	10,692	15,651
Electronic Services	63,053	0	0	0
Crux	38,978	45,865	41,108	50,239
Other Publications	8,255	10,590	6,863	13,675
Projects	0	0	0	0
TOTAL REVENUE	724,762	821,685	743,146	818,735
EXPENDITURE				
Administration	251,402	42,691	51,285	44,328
Journal	68,630	160,652	156,691	172,677
Bulletin	40,759	107,229	109,580	106,627
Notes	32,278	69,183	74,066	69,248
Electronic Services	108,567	0	0	0
Crux	39,450	90,281	81,380	88,593
Other Publications	15,506	33,331	24,773	35,525
Projects	106	200	106	10,700
TOTAL EXPENDITURE	556,698	503,568	497,881	527,698
NET REVENUE/EXPENDITURE	168,064	318,117	245,265	291,037

Education Committee Report

Chair: J. Harley Weston (Regina)

E. Barbeau (Toronto)
 J. Borwein (Dalhousie) MAA Gov of Canada
 L. Charbonneau (UQAM)
 S. Craven (Toronto D.S.B.)
 M. Dubiel (SFU) CMESG Representative
 B. Hart (McMaster)
 J. Houry (Ottawa)
 O. Oellermann (Winnipeg)
 B. Rémillard (HEC)
 D. Tingley (UNB-Fredericton)

Sub-Committees:

Education Materials on Camel

J. H. Weston (Regina)
 J. Houry (Ottawa)

Grants for Provincial Competitions

E. Barbeau (Toronto)
 L. Charbonneau (UQAM)

At the summer meeting of the CMS Education Committee in Calgary the Committee discussed the Adrien Pouliot award and between the summer and winter meetings the committee used email to determine a winner of the 2006 award. At both the summer meeting in Calgary and winter meeting in Toronto there were discussions regarding CMS presence at provincial teachers' conferences. The Committee continues to deliberate on how best to accomplish this. At the summer meeting the Committee discussed a proposal by Jonathan Borwein to create a database of mathematics outreach activities across the country. At the winter meeting the Chair reported that the CMS and Math Central had partnered to produce such a database that can be accessed on the web page of the Education Committee. Moderation of additions and changes to the database are currently handled at Math Central but after a year of activity this moderation will be transferred to the education committee.

A summary of the major activities throughout the year include:

The education sessions at the 2006 Summer Meeting in Calgary were organized by Peter Taylor (Queen's). The theme was *Does a Math Education PhD program belong in a Math Dept?* The presenters were Pamela Hagen (UBC), Peter Liljedahl (SFU), Lily Moshe (York), and Peter Taylor.

The education sessions at the 2006 Winter Meeting in Victoria were organized by Walter Whiteley (York). The theme was *Programs in Mathematics for Future Teachers*. The presenters were Malgorzata Dubiel (SFU), Frédéric Gourdeau (Laval), Kathy Kubota-Zarivnij (Toronto District Catholic School Board; Ministry of Education), Louis Lim (York Region School Board), John Percy (Toronto), Kathryn Stewart (York Region School Board), Tara Taylor (St. Francis Xavier), and Walter Whiteley.

The 2006 CMS Teaching Award, sponsored by Nelson and Brooks/Cole, and Thomson Businesses was presented to Dr. Frédéric Gourdeau (Laval), at the Summer 2006 Meeting in Calgary where he gave an address titled *Mathematical*

education: a mathematician's perspective. The address was followed by the Participants' Social on Saturday evening.

The 2006 Adrien Pouliot Award was presented to Dr. Peter Taylor (Queens) at the Winter 2006 Meeting in Toronto where he gave an address titled *The structure of a mathematics curriculum*. The address was followed by the Participants' Social on Saturday evening.

Following the advice of its subcommittee on provincial competitions the Education Committee made 6 awards for a total of \$3,500. The awards were to Alberta, Manitoba, Newfoundland, Ontario, Prince Edward Island, and Quebec.

The CMS Chief Judge for the 2006 Canada Wide Science Fair was Stephan Whitney from the University of Quebec at Chicoutimi. The winners and their projects were profiled in the December 2006 issue of the CMS Notes. The winners of the CMS prizes were

Mate Bezdek from Calgary won the Junior Award of \$250 for his project titled *X-raying and Geometry*.

Daniel Bezdek from Calgary won the Intermediate Award of \$500 for his project titled *Set a Light Trap – the Penrose Puzzle*.

Nancy Nguyen from Vancouver won the Senior award of \$750 for her project titled *Elementary Proof for Blundon's Inequality*.

The Canadian Mathematical Society was a sponsor of the annual Halton-Peel Regional Data Fair that was held on March 3, 2006 at Sheridan College in Oakville. Our judge was Jock Mackay of the University of Waterloo. A report on the Data Fair appeared in the May issue of the CMS Notes.

The Education Committee Chair is one of the referees for the CMS Teaching Excellence award. The 2007 award will be presented at the 2007 CMS Summer Meeting in Winnipeg. The Chair is also on the selection committee for the Distinguished Service Award and the David Borwein Distinguished Career

Education Committee Report - *Continued*

Award. In 2006 both awards were presented to Dr. Richard Kane (Western) at the 2006 Winter Meeting in Toronto.

In June 2006, the Education Committee discussed a suggestion by Jonathan Borwein that the CMS create a catalogue of mathematics outreach activities across the country. In the summer of 2006 the CMS in partnership with Math Central developed a database of these activities that is available on the education page of the CMS web site and also on Math Central. This project was discussed again by the Education Committee at the December Meeting in Toronto. It was agreed that after a year of operation the moderation tasks associated with this database be transferred from Math Central to the CMS Education Committee.

In addition to the National Camp at John Abbott College (see Mathematics Competition Committee Report), thirteen Esso/CMS Regional Camps took place across Canada at: Sir Wilfred Grenfell College (Newfoundland), the University of New Brunswick, Dalhousie University, le Université du Québec à Rimouski, the University of Ottawa (two camps - one in English and one in French), Brock University, the University of Western Ontario, the University of Manitoba, the University of Regina, the University of Alberta, 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 350 students participated in the various 2006 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. The title sponsor for the Society's Math Camp Program is the Imperial Oil Foundation.

This is my last report as Chair of the Education Committee and I wish to thank the committee members and the staff at the CMS office for its support. The Chair of the Committee as of January 1, 2007 will be Dr. Joseph Khoury (Ottawa).

Electronic Services Committee Report

Chair: David L. Rodgers (Michigan)

J. Brown (Dalhousie)
 J. Carette (McMaster)
 G. Pechske (Alberta)
 D. Pike (Memorial)

J. Rostand (Laval)
 D. Wehlau (RMC)
 H. Wolkowicz (Waterloo)

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

- The linkage between the Publications page and *Books & Rich Media* maintained at Dalhousie University has been improved.

Web Services Office

- The *resource allocation scheme* continues to drive work assignments in four task categories: daily issues, web content, infrastructure, and projects. For 2006, allocation targets were essentially on track though the web content component has been somewhat squeezed.
- Significant new responsibilities were assumed for the Executive Office database and accounting systems as well as for contract work for the *Statistical Society of Canada*.
- The accounting system used by the Executive Office has been successfully replaced by *AccPac*, a product widely adopted by small and medium-sized organizations. It replaces what had become essentially an unsupported product.
- There is increased reliance on pre-built open-source and commercial software, judicious out-sourcing of projects, use of spot consultants for special expertise, and on pruning non-core service offerings readily available through other venues.
- Significant effort has been invested in database work that streamlines workflow in the Executive Office.
- The Meetings database and web registration form have been extended and integrated.
- The CMS has undertaken development of a completely electronic registration and payment system for SSC meetings that will possibly also enhance capabilities for CMS meetings.
- SSC support has focused on converting a wholly spreadsheet application to a database driven environment that preserves spreadsheet reporting. The current contract is up for renewal effective June 2007.
- The CMS website now has a PayPal-based online donation capability that takes credit card transactions.
- The CMS website now has a PayPal-based shopping cart that takes credit card transactions for books and Rich Media purchases.
- The Student Area has been integrated into the CMS website and content is maintained by the Student Webmaster.

Publications Office

- Issues of CMS journals continue to be produced on time with few problems.
- Progress was made on website redesign and a first-release version is scheduled as a 2007 deliverable.
- The CMS has signed an agreement with Google to put scanned and OCR converted issues of CMB/CJM prior to 1997 online for public access in an early 2007 timeframe.
- Working with ATOM series Editor-in-Chief, Bruce Shawyer, hyperlinked PDF versions of ATOM books Volumes I-VI have been produced.
- Arrangements were made with the editors of *Comptes rendus/Mathematical Reports* of the Royal Society to have the CMS host their website.

The Committee joins Graham Wright in complimenting the work of both the Ottawa and Winnipeg offices, with special mention of their ability and willingness to juggle complex, multiple tasks.

Endowment Grants Committee Report

Chair: Karl Dilcher (Dalhousie)

B. Hodgson (Laval)
J. Hyndman (UNBC)

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 2006 competition. Three applications were received; all were funded and the total allocated amount was awarded. One project received full funding as requested, while the others received partial funding. All applicants have been notified by the CMS Executive Office in Ottawa.

The successful applications were as follows:

- A high-school mathematics contest in Thunder Bay; the Endowment Grant will allow for an expansion to additional schools in Northwestern Ontario.
- Supporting the production of a high-quality French-language mathematical publication and its distribution to schools in Quebec.

- The Canadian version of an international contest-game; the Endowment Grant will help with the expansion to more cities.

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.

The very low number of applications in 2006 was of some concern to the Committee, but it was noted that all applications were of high quality. It is hoped that with some increased advertising to the CMS membership and to department heads and chairs the numbers of applications will return to their usual levels.

The Committee asked the CMS Executive to increase the allocation from the Endowment Fund for the 2007 Endowment Grants Competition.

Finance Committee Report

Chair: James A. Mingo (Queen's)

T. Appelt (Structured Analytics)
D. Bates
G. Cliff (Alberta)
M. Davison (Western)
H.E.A. Campbell (Memorial)

D.L. Rodgers (Michigan) Treasurer from July 1
T. Salisbury (York)
F.A. Sherk (Toronto) Treasurer to June 30
G. P. Wright (Ottawa)

The Finance Committee advises the Board of Directors on the financial matters of the Society. Continuing an initiative from previous years, the Committee approved the allocation of \$400,000 from the Society's investments to the newly created CMS Endowment Fund. This fund as well as the CMS Mathematical Olympiads Fund and the David Borwein Distinguished Career Award Fund will be managed at arm's length by the newly created Investment Funds Committee, with the aim of making donations to the Society more attractive. The remaining amounts from the Society's investments were transferred to the CMS Contingency Fund.

This year the Committee reviewed the Society's lifetime memberships. After a careful analysis it was determined that the income from lifetime memberships already sold was insufficient to service the cost to the Society of these memberships. Accordingly,

the Committee approved an increase in the price of lifetime memberships. I would like to thank David Bates for his help in this analysis.

At present non-Canadian subscribers to the Society's journals pay in US dollars. In 2006 the US dollar weakened against the Canadian dollar and thus there was a significant loss in revenue from foreign exchange. Nevertheless the Committee approved the 2007 budget with a projected surplus \$ 8,801.00. I would like to thank the new Treasurer, David Rodgers, for doing an excellent job in preparing the 2007 budget in these difficult circumstances.

International Affairs Committee Report

Chair: Christiane Rousseau (Montréal)

F. Gourdeau (Laval) CMESG Representative
N. Kamran (McGill)
R. Kane (Western)
W. Langford (Guelph) CAIMS Representative

E. Perkins (UBC)
E. Marchand (UNB) SSC Representative
K. Taylor (Dalhousie)

The 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.

During the year 2006 the Committee considered the following dossiers:

1. General Assembly of the IMU in Santiago de Compostella, August 2006

The five Canadian delegates representing the country at the General Assembly were; Donald Dawson, Nassif Ghossoub, Richard Kane, Barbara Keyfitz and Christiane Rousseau. The highlights of the General Assembly were the following. Bernard Hodgson (Laval) was elected General Secretary of ICMI (International Commission for Mathematical Instruction) for a third mandate. Jonathan Borwein is remaining Chair of the CEIC (Committee of Electronic Information and Communication) for two additional years. Nassif Ghossoub is chairing a new Committee of mathematical institutes. Unfortunately, once again, no Canadian member was elected to the IMU Executive. As Chair of the Canadian delegation, Christiane Rousseau reported to the Assembly that Canada was happy to support the Indian bid for ICM 2010 and announced that Canada would be bidding for ICM 2014.

2. Organization of the Canadian Reception in Madrid during ICM 2006

The Canadian reception took place on the second day of ICM 2006 at the Hotel Ritz. The five hosts were the CMS, the three institutes (CRM, Fields, PIMS), and MITACS (Mathematics of Information Technology and Complex Systems). The reception was a success. The atmosphere was warm and the venue very nice. Stuart Savage from the Canadian Embassy was the Master of Ceremonies for the event. We had the pleasure to honour the Fields medallists Andrei Okounkov and Wendelin Werner, as well as Jon Kleinberg, recipient of the Nevanlinna Prize. Kiyoshi Itô was the recipient of the new Gauss Prize. He was represented at ICM and at our reception by his daughter Junko Itô. John Ball (outgoing President of the IMU) and Martin Grötschel (incoming Secretary of the

IMU) were present, as well as Mrs. Mercedes Cabrera Calvo-Sotelo, Minister of Education and Science of Spain. Marc-André Varin from Palais des Congrès de Montréal noted, once again, Montreal's interest in hosting ICM 2014. Luis Seco (Toronto) put many efforts into ensuring participation of high-ranking Spanish dignitaries at the event.

3. Strategy to increase the number of Canadian speakers at ICM 2010

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 Committee decided on a strategy to prepare a dossier on Canadians having made significant contributions in the 5 years ending in 2007. In particular the following actions will be taken:

- An announcement in the CMS Notes and on the electronic distribution list *cmath*: winter 2007
- A call to department chairs: winter 2007
- A call to the Directors of the Institutes for consultation of their scientific panels: 2007

Nomination of small subcommittees (2-3 persons) in each discipline covered by a session at ICM 2006. These subcommittees would be in charge of identifying the deserving Canadians in their discipline and write a short rationale. Consultation of the Research Committee for the preparation of the final submission.

Mathematical Competitions Committee Report

Chair: E. Barbeau (Toronto) from September 1 and George Bluman (UBC) to August 31

S. Craven (Toronto D.S.B.)
 R. Dawson (Saint Mary's)
 K. Kopotun (Manitoba)
 N. Madras (York)
 B. Rémillard (HEC)
 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)
 G. Bluman (UBC)
 R. Morewood (Burnaby South S.S.)
 F. Recio (Toronto) to August 31
 C. Small (Waterloo)
 L. Yen (Capilano College)

Canadian Open Mathematics Challenge (COMC) Sub-Committee

Chair: I. VanderBurgh (Waterloo) from September 1
 Chair: P. Crippin (Waterloo) to August 31
 G. Bluman (UBC)
 M. Eden (Preston High School)

Mathematical Olympiads Correspondence Program

E. Barbeau (Toronto)

Canadian Mathematical Olympiad (CMO)

Chair: E. Barbeau (Toronto)
 R. Barrington Leigh (Toronto)
 M. Choi (Toronto)
 J.C. Fisher (Regina)
 R. Hoshino (Dalhousie)
 K. Kopotun (Manitoba)
 R. Mong (Toronto)
 O. Oellermann (Winnipeg)
 I. Poliakov (York)
 F. Recio (Toronto)
 N. Sato (Art of Problem Solving)
 D. Tingley (UNB Fred.)
 J. Tsimerman (Toronto)
 T. Visentin (Wilfred Laurier)
 E. Wang (Wilfred Laurier)

Introduction:

The Mathematical Competitions Committee (MCC) oversees the Society's involvement in mathematics contests. The Canadian Open Mathematics Challenge (COMC) and the Canadian Mathematical Olympiad (CMO) are sponsored and run by the Society. The MCC is responsible for Canada's participation in the Asian Pacific Mathematics Olympiad (APMO) and the International Mathematical Olympiad, and supervises the Mathematical Olympiad Correspondence Program (Olymon) and the Esso/CMS National Math Camp.

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

The Canadian Mathematical Olympiad:

The 38th Canadian Mathematical Olympiad (CMO) was written on March 29, 2006. A total of 79 competitors from over 50 schools wrote the 2006 CMO. The top winners in the 2006 Canadian Mathematical Olympiad were:

FIRST PRIZE and the Sun Life Financial Cup: Dong Uk (David) Rhee, McNally Composite High School Edmonton, AB; **SECOND PRIZE: Yufei Zhao**, Don Mills Collegiate Institute, Toronto, ON; **THIRD PRIZE: Shawn Eastwood**,

Canadian International School, Singapore. **HONOURABLE MENTIONS** were awarded to: **Alan Guo**, O'Neill Collegiate and Vocational Institute, Oshawa, ON, **Kent Huynh**, University of Toronto Schools, Toronto, ON, **Viktoriya Krakovna**, Vaughan Road Academy, Toronto, ON, **Alexander Remorov**, Waterloo Collegiate Institute, Waterloo ON, and **Thomas Tang**, A.Y. Jackson Secondary School, North York, ON. A detailed report on the 2006 CMO, including the contest paper, solutions to the problems, and graders' reports is available at: www.cms.math.ca/Competitions/CMO. The Society is indebted to many sponsors for the success of the CMO, but particularly to its dedicated and long-term major sponsor, Sun Life Financial.

The Asian Pacific Mathematics Olympiad:

The 18th Asian Pacific Mathematics Olympiad (APMO) was written on March 13, 2006. A total of 45 Canadian students wrote the exam. The top students were Yufei Zhao with a perfect score and Jeffrey Mo, who took second place but was not an official candidate. Our official team consisted of the top ten official students; it won a maximum set of awards, one gold, two silver, four bronze medals and 3 honourable mentions. Further details regarding the 2005 APMO are available at: www.cms.math.ca/Competitions/APMO/.

International Mathematical Olympiad:

The 47th International Mathematical Olympiad (IMO) took place in Ljubljana, Slovenia from July 6 to July 18, 2006. The Team Leader was Robert Morewood of the Crofton House School in

Mathematical Competitions Committee Report - *continued*

Vancouver and the Deputy Team Leader was Naoki Sato of the Art of Problem Solving Inc. The team of six high school students ranked 15 out of 90 countries. Five team members, **Farzin Barekat** (Sutherland Secondary School, North Vancouver, British Columbia), **Viktoriya Krakovna** (Vaughan Road Academy, Toronto, Ontario), **Dong Uk (David) Rhee** (McNally High School, Edmonton, Alberta), **Peng Shi** (Sir John A. MacDonald Collegiate Institute, Agincourt, Ontario) and **Yufei Zhao** (Don Mills Collegiate Institute, Toronto, Ontario), won silver medals and **Yang (Richard) Peng** (Vaughan Road Academy, Toronto, Ontario) won a bronze medal.

Robert Morewood's Report on the 2006 IMO was published in the October 2006 issue of the CMS Notes. Yufei Zhao was named the 2006 Samuel Beatty Contestant to the IMO and his report can be found in the November 2006 issue of the CMS Notes.

We are grateful to York University for hosting the Winter Training Seminar, January 3 - 8, 2006. Fifteen students from across Canada attended this seminar. Thanks are due to York University, Department of Mathematics, for their hospitality and particularly to Neal Madras, Local Organizer, the Canadian Team Leader and Deputy Team Leader, the assistant trainers, Bill Sands (Calgary), Edward Barbeau (Toronto) and Adrian Tang (Calgary) and also to Hongmei Zhu and Alfred Pietrowski, both from York University, who took care of many little tasks that were crucial to ensure a successful seminar. Thanks are also due to Bethune College, and its Master Byron Wall and his wife Martha who served as "chaperones" during the Winter Training Seminar.

The Summer Training Seminar for the six Team members took place at Dalhousie University from June 24 to July 2. Five local students from Nova Scotia and New Brunswick also attended the training seminar from June 24 to June 27. On July 2, the team traveled to Slovenia to train with the Swedish and Luxembourg teams until July 10. The CMS is grateful for the hospitality and support from the Faculty of Science and the Department of Mathematics and Statistics, Dalhousie University and to Roman Smirnov, Dorette Pronk, Shannon Fitzpatrick, and J.P. Grossman for all their help with the 2006 Summer Training Seminar.

The Send-off Reception for the 2006 Canadian IMO team took place at Dalhousie University on July 27, 2006. Those present at the Send-off Reception included: Donna Kirsten, Nova Scotia Department of Education, Sam Scully, Academic Vice-President, Dalhousie University, Jonathan Borwein, Director, Atlantic Association for Research in the Mathematical Sciences, Patrick Keast, Chair, Department of Mathematics and Statistics, Dalhousie University, and Graham Wright, Executive Director, Canadian Mathematical Society. A significant level of local and national media coverage was obtained for the 2006 Canadian IMO team.

More information regarding the 2006 IMO can be found at: www.cms.math.ca/MediaReleases/ and www.cms.math.ca/Competitions/IMO.

Mathematical Olympiads Correspondence Program:

This program (Olymon) is a program whereby secondary students submit solutions to problems for marking. This year there were ten problem sets: five were constructed and marked by Edward Barbeau (University of Toronto), two by Valeria Pandelieva of Ottawa, two by Lily Yen of Burnaby, BC and one by Rosu Mihai of Toronto. The number of respondents for each set was normally in the 10-15 range. All the Olymon problems with their solutions are posted at: www.cma.math.ca/Competitions/MOCP.

Esso/CMS National Math Camp:

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

The 2006 Esso/CMS National Math Camp took place at John Abbott College, (Québec) from July 2 – 8. Twenty two students attended the Camp, 12 from Ontario, three from Québec, three from British Columbia, two from Alberta, one from New Brunswick and one from Newfoundland. We are grateful to the organizer Daniel Gatien (John Abbott College) and Mathieu Dufour (UQAM) for all their work in making this a most successful camp. See the Education Committee report for information about other Math Camp activities.

The Canadian Open Mathematics Challenge:

November 2006 marked the eleventh writing of the COMC. 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 attend, among other events, the Winter Training Seminar and the National Math Camp.

The 2006 COMC had a record number of over 6900 participants. The average mark on the paper was 31/80. The **top five students** were: *Bo Cheng Cui* (West Vancouver Secondary School, British Columbia), *Jia Guo* (O'Neill Collegiate Vocational Institute, Ontario), *Yan Li* (Dr. Norman Berthune Collegiate Institute, Ontario), *Jeremy Pham*, (The Advanced Academy of Georgia, Georgia, U.S.A.), and *Danny Shi* (Sir Winston Churchill Secondary School, Alberta).

Mathematical Competitions Committee Report - *continued*

For outstanding performance in the 2006 COMC, the **provincial winners** are:

Alberta – *Danny Shi*, Sir Winston Churchill High School, Calgary; **British Columbia** – *Bo Cheng Cui*, West Vancouver Secondary School, West Vancouver; **Manitoba** – *Kedi Wang*, Fort Richmond Collegiate Institute; **New Brunswick** – *Joe Kileel*, Fredericton High School, Fredericton; **Newfoundland and Labrador** – *Mark Yang*, Prince of Wales Collegiate Institute, St. John's; **Nova Scotia** – *Linhe Li*, Queen Elizabeth High School, Halifax; **Ontario Central** – *Sina Makaremi*, John Fraser Secondary School, Mississauga; **Ontario East** – *Jia Guo*, O'Neill Collegiate Vocational Institute, Oshawa; **Ontario Metro** – *Yan Li*, Dr. Norman Bethune Collegiate Institute, Scarborough; **Ontario North** – *Xinyang Zhang*, Orillia District Collegiate Vocational Institute, Orillia; **Ontario West** – *Andy Kong*, Vincent Massey Secondary School, Windsor; **Prince Edward Island** – *Yufeng Chen*, Colonel Gray Secondary High School, Charlottetown; **Québec** – *Ran Li*, E.S. Honore-Mercier, Montreal;

Saskatchewan – *Bobby Xiao*, Walter Murray Collegiate Institute, Saskatoon; **Northwest Territories** – *Nicholas Coffin*, F.H. Collins School, Whitehorse.

Thanks are due to the hard-working Problems Committee who annually ensures that the paper meets its varying goals. Further details are available at:

www.cms.math.ca/Competitions/COMC/.

The Mathematical Competitions Committee (particularly its sub-committees) is very active. I would like to thank all members for their enthusiasm and hard work in making everything run so smoothly. No small measure of thanks is due to the staff at the CMS Executive Office and, in particular to the Executive Director Graham Wright, for their dedication.

Nominating Committee Report

Chair: Edgar Goodaire (Memorial)

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

K. Taylor (Dalhousie)
T.S. Salisbury (York)

Most of the work of the Canadian Mathematical Society is carried out by more than 140 people who serve as officers or members of thirteen standing committees and subcommittees. As the year 2006 drew to a close, the Nominating Committee completed the arduous task of replacing about 25 of these volunteers whose terms ended on December 31. In addition, since 2007 is an election year, we had also to find people to serve on a new executive and as candidates for the CMS Executive Committee and Board of Directors.

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”, a goal which has been uppermost in the minds of the present Nominating Committee, though one not always easy to achieve. We have also made a concerted effort to enlist the support of people not directly involved in academia because of the special expertise and fresh view points such individuals can provide.

Our current Treasurer and Chair of the Electronic Services Committee for several years, David Rodgers, continues to bring to the Society a vast knowledge of technology and publishing. The Society is deeply grateful to Messieurs Klaus Peters and Walter

Stewart, who regularly offer the Board of Directors comments and frank opinions based upon their intimate knowledge of the publishing and consulting industries.

In December, we were extremely pleased to welcome David Oakden to the Society’s newly formed Invested Funds Committee. With a Ph.D. in mathematics, David has spent his career in the actuarial industry, is a past president of the Canadian Institute of Actuaries and is now employed with the Canadian Government’s Office of the Superintendent of Financial Institutions. His perspective in the areas of finance and risk management is both broad and deep.

If you know of anyone within or outside academic circles whom you believe could help the Society, or if you yourself can see an opportunity for service, I urge you to contact chair-nomc@cms.math.ca.

It remains only to thank my colleagues on the 2006 Nominating Committee for their outstanding support and advice throughout the year.

Publications Committee Report

Chair: Juris Steprans (York)

F. Bergeron (UQAM)

D. Farenick (Regina)

R. Murty (Queen's)

M. Neufang (Carleton)

C. Sulem (Toronto)

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 editorial duties of the Canadian Journal of Mathematics (CJM) will be changing in January 2007. Robert McCann and Henry Kim of the University of Toronto will be taking over the duties from Henri Darmon and Niki Kamran of McGill University whose mandate ended on December 31, 2006. Considerable thanks are due to Henri and Niki for their excellent work as Editors-in-Chief of the CJM for the past five years. The list of associate editors for the CJM and the Canadian Mathematical Bulletin (CMB) is changing with Henry Kim moving from an Associate Editor to one of the Editors-in-Chief of the CJM and the terms of A. Geramita (Queen's) V. Kac (MIT), R. Murty (Queen's) and M. Zworski (California – Berkeley) ending in 2006. They have been replaced by Kathryn Hare (Waterloo), Jim Colliander (Toronto) and Karoly Bezdek (Calgary).

An ad-hoc Electronic Submissions Sub-committee of the Publications Committee was formed at the Calgary meeting in June 2006 and is headed by David Rodgers. The mandate of this

sub-committee is to select an electronic system for handling the acceptance and evaluation of articles submitted to the CMB and CJM. The sub-committee has already considered several systems, but its work will continue into 2007.

Jim Totten's term as the Editor-in-Chief of CRUX will end in December, 2007 and the Committee is currently seeking a replacement. John Grant McLoughlin's term as Book Reviews Editor has been extended to the end of 2007.

According to the established tradition of alternating between the Bulletin and the Journal, the G. de B. Robinson Prize for 2006 was awarded for the best article (or series of articles) in the CJM. The prize was awarded to Malcolm Harper for his paper: $Z[\sqrt{14}]$ is Euclidean. *Canad. J. Math.* 56 (2004), no. 1, 55--70.

Research Committee Report

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

A. Granville (Montréal)
L. Jeffrey (Toronto)
F. Larusson (University of Adelaide)
E. Perkins (UBC)
B. Reed (McGill)
N. Tomczak-Jaegermann (Alberta)

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. 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.

At its meeting in December, 2006, the Research Committee selected Martin Barlow for the 2008 Jeffery-Williams Prize, Izabella Laba for the 2008 Krieger-Nelson Prize, and Vinayak Vatsal for the 2007 Coxeter-James Prize. All three of these mathematicians are from the University of British Columbia.

A summary of the meetings held in 2006 follows.

1) Summer Meeting of the CMS, Calgary, June 3-5, 2006

Meeting Director: Claude Laflamme (Calgary)
Local Arrangements Chair: Tony Ware (Calgary)

There were 285 participants.

Plenary Speakers:

Steve Awodney (Carnegie Mellon)
John Conway (Princeton)
Nicole El Karoui (Ecole Polytechnique, Paris)
Nigel Kalton (Missouri)
Alexander S. Kechris (Caltech)
László Lovász (Microsoft)
Dave Marker (UIC)

The Coxeter-James Lecture was given by Jim Geelen (Waterloo), and the Krieger-Nelson Lecture was given by Penny Haxell (Waterloo).

The sessions and organizers were as follows:

Category Theory

R. Cockett (Calgary)

Sub-Committee:

Doctoral Prize Selection Committee

B. Reed (McGill) Chair

K. Dilcher (Dalhousie)
I. Laba (UBC)
J. Wu (York)

Differential Equations and Dynamical Systems

E. Braverman (Calgary) and M. Li (Alberta)

Discrete and Complex Geometry

K. Bezdek (Calgary) and J. Solymosi (UBC)

Game Theory/Number Theory

R. Nowakowski (Dalhousie), B. Sands (Calgary), H. Williams (Calgary) and R. Woodrow (Calgary)

Joint CMS/CMESG Education Session

P. Taylor (Queen's)

L-functions, Automorphic Forms and Representation Theory

A. Akbary (Lethbridge) and C. Cunningham (Calgary)

Mathematical Finance

L. Bos (Calgary) and A. Swishchuk (Calgary)

Model Theory

P. Speissegger (McMaster)

Positivity in Functional Analysis

C. Aliprantis (Purdue) and V. Troitsky (Alberta)

Recent Work in History of Mathematics

T. Archibald (SFU)

Set Theory and Infinitary Combinatorics

S. Todorcevic (Toronto)

Symmetry in Geometry

T. Bosztriczky (Calgary), F. Fodor (Szeged, Hungary/Calgary), R. Guy (Calgary) and A. Weiss (York)

Contributed Papers

A. Brudnyi (Calgary).

2) First Joint CMS/SMM Meeting, Guanajuato, Mexico, September 21-23, 2006

CMS Scientific Committee:

Alejandro Adem (Chair), W. Craig, A. Granville

SMM Scientific Committee

J-C. Gómez Larrañaga (Chair), F. Brambila, L. Palacios

Plenary Speakers:

D. Brydges (UBC)
G. Contreras (CIMAT)

Research Committee Report - *continued*

F. González Acuña (UNAM and CIMAT)
 P. Guan (McGill)
 J. Urrutia (UNAM)
 M. Zworski (Berkeley)

Sessions (with organizers):

Algebra

R. Buchweitz (Toronto), J.A. de la Peña (UNAM), R. Piazola (Alberta)

Differential Geometry

P. Guan (McGill), L. Hernández (CIMAT), M. Wang (McMaster)

Functional Analysis

H. Arizmendi (UNAM), A. Lau (Alberta), L. Palacios (UAM)

Graph Theory and Combinatorics

I. Gitler (CINVESTAV), L. Goddyn (SFU), B. Reed (McGill)

Localization and Partial Differential Equations

T. Minzoni (IIMAS-UNAM), M. Ward (UBC)

Low Dimensional Topology

V. Núñez (CIMAT), D. Rolfsen (UBC)

Mathematical Physics

D. Brydges (UBC), S. Sontz (CIMAT), C. Villegas (UNAM-Cuernevaca)

Mathematics Education

C. Kieran (UQAM), M. Santillán (UPN)

Probability

M-E. Caballero (UNAM), V. Pérez-Abreu (UAM-Cuajimalpa), T. Salisbury (York)

Topology

A. Adem (UBC), J. González (CINVESTAV), I. Hambleton (McMaster), D. Juan (UNAM-Morelia)

Variational Methods in Partial Differential Equations

L. Bronsard (McMaster), P. Padilla (IIMAS-UNAM)

3) Winter Meeting of the CMS, Toronto, December 9-11, 2006

Meeting Director: Ian Graham (Toronto)
 Local Arrangements Chair: Erich Ellers (Toronto)

There were 430 participants.

Plenary Speakers:

B. Davis (UBC)
 D. Dolgopyat (Maryland)
 D. Shlyakhtenko (UCLA)
 K. Smith (Michigan)
 S. Tolman (UIUC)
 S. Weinberger (Chicago)

The Jeffrey-Williams Lecture was given by Andrew Granville (Montréal), and the Doctoral Prize Lecture was given by Michael Newman (Waterloo).

Sessions, with Organizers:

Algebraic Combinatorics

N. Bergeron (York), C. Hohlweg (Fields Institute), M. Zabrocki (York)

Calabi-Yau Varieties and Mirror Symmetry

J. Lewis (Alberta), N. Yui (Queen's)

Commutative Algebra and Algebraic Geometry

R. Buchweitz (Toronto), G. Leuschke (Syracuse), G. Smith (Queen's)

Complexity and Computability in Analysis Geometry, and Dynamics

A. Nambutovsky (Toronto), M. Yampolsky (Toronto)

Differentiable Dynamics and Smooth Ergodic Theory

G. Forni (Toronto), K. Kanin (Toronto)

Functional Analysis

R. Fry (Thompson Rivers), S. Swaminathan (Dalhousie)

Harmonic Analysis

I. Laba (UBC), M. Pramanik (Caltech, UBC)

History of Mathematics

T. Archibald (SFU)

Knot Homologies

D. Bar-Natan (Toronto)

Mathematical Aspects of Continuum Physics: Analysis, Computation and Modelling

R. Choksi (SFU), M. Pugh (Toronto)

Mathematical Biology

G. Wolkowicz (McMaster)

Mathematics Education

W. Whiteley (York)

Nonlinear Schrodinger Equations

J. Colliander (Toronto), R. Jerrard (Toronto)

Poisson Geometry and Mathematical Physics

E. Meinrenken (Toronto)

Probabilistic Methods in Analysis and Algebra

M. Neufang (Carleton), B. Virag (Toronto)

Representations of Algebras

I. Assem (Sherbrooke), T. Brustle (Sherbrooke), S. Liu (Sherbrooke)

Contributed Papers

B. Weiss (Toronto)

Student Committee Report

Co-Chairs: Joy Abramson (York) and Antoine Khalil (Concordia)

M. E. Barnes (Simon Fraser)
M. Fortin-Boisvert (McGill) from July 1
L. Chindelevitch (McGill) to June 30
A. Erickson (Simon Fraser) from July 1
L. Gauthier (Concordia) from July 1
P. Gladki from October 1
S. Gregov (McMaster) to June 30
D. Leung (Simon Fraser)

J. McDonald (Waterloo)
T. Nieuwpoort to June 30
D. Pollock (Victoria) to June 30
N. Thain (Queen's) to June 30
J. Tichon (Winnipeg)
R. Woodrow (Calgary)
G. P. Wright (Ottawa)

2006 was a very exciting year for the CMS Student Committee (often referred to as "Stude"). Along with a faculty supervisor, Stude is comprised of ten students, both undergraduate and graduate, whose mission is to foster the development of a vibrant and highly interactive community of Canadian post-secondary mathematics students that leads to the continued creation of important long-term bonds between individuals. More information on the goals of Stude and its membership can be found on the CMS web site: www.cms.math.ca/Students.

Change of Membership

We thank all our past members, in particular Desmond Leung and Dan Pollock who left over the past year, for their contributions to Stude. We also welcome our six new members this year: Mélisande Fortin Boisvert, Alejandro Erickson, Laura Gauthier, Pawel Gladki, Jessica McDonald, and Jenna Tichon. You can read about each of them on the newly updated biographies page on our website.

Student Newsletter

One way in which Stude promotes the interaction between Canadian post-secondary mathematics students is through our semiannual newsletter "The Student Mathematical Communicator" which is distributed to all mathematics departments in Canada. The newsletter communicates information of interest to students about Stude and the CMS. Stude publishes and distributes two student newsletters a year, one in each of the fall and winter semesters. This newsletter is being improved and reworked with every issue, with the most recent issue featuring a substantial increase in content, now filling four pages instead of two. We look forward to further improving the newsletter over the upcoming year.

Operations Manual for the Student Committee

Stude maintains an operations manual that describes the ongoing activities of the committee and improves the transitions when new students join. Over the past year, we moved the manual to an online private wiki format so that it can be updated more frequently and easily by all members of Stude.

CMS Meetings

As in past years, Stude organized a social event for graduate

students at each of the CMS meetings in 2006. The events are always greatly enjoyed by the students in attendance. Stude plans to continue organizing these events at which Stude and the CMS are promoted to students attending the meeting as well as to local mathematics students. The next graduate student event will be held in Winnipeg during the CMS 2007 Summer Meeting. We wish to thank the local organizers of the CMS meetings for their enthusiastic co-operation in planning these socials.

Stude wishes to encourage more students to attend CMS meeting, and to enrich the experience for those who do attend. At the 2006 Winter meeting, we organized a well-attended panel discussion which focused on what students can do to prepare for a career in academia. At the 2007 Summer Meeting, Stude will coordinate a session for students on dealing with stress.

Stude Web Site

Over the past year, the Stude website has been vastly improved. Work was done to make maintenance of the site much easier. Content on the site has been updated and is continually being improved with the help of everyone on the Committee. One exciting development is that a French language version of the site is in the works, with one page already translated (the listserv page) and others to appear during the winter and spring as translations and other French content becomes available. The site also features a new guide to attending math conferences that we believe will be very helpful to students. We encourage you to visit the site at: www.cms.math.ca/Students and forward us your comments and suggestions.

Student Email Lists

The Stude webmaster moderates listservs that distribute announcements to math students across the country. There are separate lists for graduate and undergraduate students. There are currently approximately 160 members of the graduate list and 270 members of the undergraduate list. We are working to increase the frequency of postings to this list.

Canadian Undergraduate Mathematics Conference

CUMC 2006, the 13th annual Canadian Undergraduate Mathematics Conference, was held at McGill University from July 5 to July 9. The CUMC 2006 team did a fantastic job! The conference was

Student Committee Report - *continued*

a huge success and very well attended. Studc, on behalf of the CMS, once again gave \$1,000 towards the conference. We are now looking forward to CUMC 2007 which will be held July 18 to July 21 at Simon Fraser University in Vancouver. For more details, see www.cumc.math.ca.

A CUMC operations manual has been maintained for several years by Studc. This manual has proved very helpful to aid in the continuity of the CUMC. This year, it was converted to a wiki format. This allows all members of the CUMC organizing committee to access vital information at any time. As well, all persons involved at any stage of the CUMC organizing can add their input to the manual. This ensures the manual is kept up-to-date and allows for a smooth transition from year to year.

Web Forum

In July 2006, the undergraduate liaison on the Studc attended the CUMC at McGill University representing the Studc and had the opportunity to speak to fellow undergraduates and inform them of the committee and ask what sorts of activities they would like to see. There we identified that a major concern of students was a lack of understanding of the committee's activity and a feeling of disconnect amongst student groups across the country. To address this we set up a web forum at www.studc.com/forum that was launched nationally on October 15th as a meeting place for math students across the country and currently has over 50 members. The topics range from discussions about graduate school, to marking philosophies, conferences, recreational mathematics and

much more. In preparing for the web launch we also contacted student leaders at 26 universities to inform them of the committee in general and of the web page. We are also using the forum as a central point to inform them of CMS activities, membership and conferences. We are now working on increasing membership and awareness of the forum.

MITACS Liaison

Through the role of the CMS-MITACS liaison, both the CMS and MITACS student committees have been able to utilize each others resources such as newsletters, listservs, forums, etc., allowing both committees to reach a greater number of Canadian mathematics students. We are currently collaborating with the Student Advisory Committee of MITACS to offer joint student sessions and a joint student social at the upcoming conference.

Studc Poster

We continue to work on a design for a promotional poster. The purpose of these posters is to increase awareness among the Canadian mathematical community regarding the activities of the Student Committee. Our goal is to distribute the poster within math departments and have on display at events sponsored by the Student Committee. We hope to have promotional posters in distribution at the 2007 CMS Summer meeting.

Women in Mathematics Committee Report

Chair: Gerda de Vries (Alberta)

J. Brown (Dalhousie)

M. Frigon (Montréal)

B. Keyfitz (Fields/Houston)

R. Kuske (UBC)

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.

The main activity of the Committee in 2006 was to host the third edition of the Connecting Women in Mathematics Across Canada (CWIMAC) workshop (held earlier in 2003 and 2005). 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. The third CWIMAC workshop was held December 7-8, 2006, at the Fields Institute, in conjunction with the CMS Winter Meeting in Toronto. Approximately 50 women participated in this workshop. The opening speaker was journalist and author Siobhan Roberts, who presented an overview of Donald Coxeter's relations with the women in his life. Mentorship was facilitated through informal pairings of junior and senior women at both dinner and lunch discussions.

The dinner and lunch discussions were preceded by presentations by Margaret Beattie (Mount Allison) and Wendy MacCaul (St. Francis Xavier). Postdoctoral fellows presented their research in 30-minute speaker sessions, and graduate students spoke about their research in a lively poster session. These research presentations showcased a broad range of mathematical topics, ranging from pure to applied mathematics and statistics. Last but not least, a panel discussion tackled issues affecting new researchers from a woman's point of view. Financial support for the workshop was provided by the Fields Institute, the CMS, and a generous anonymous individual. The money provided partial funding for travel and registration.

In addition, the Committee updated its terms of reference to reflect its current activities, and is in the process of revamping the Directory of Canadian Women in the Mathematical Sciences. It is anticipated that the new directory will be a valuable source of information about Canadian women in mathematics (the Committee receives requests for this information from time to time for speaker invitations, award nominations, etc.).

Editorial Boards

Canadian Journal of Mathematics (CJM)

Canadian Mathematical Bulletin (CMB)

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 N. Kamran (McGill) Editors-in-Chief CJM
 J. Wu (York) Editors-in-Chief CMB

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CRUX Mathematicorum with Mathematical MAYHEM

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J. Hooper (Acadia)	Mayhem Assistant Editor
B. Shawyer (Memorial)	Editor at Large
M. Torres (Regina)	Problems Editor
E. Wang (Wilfrid Laurier)	Problems Editor
R. Woodrow (Calgary)	Olympiad Editor
G. P. Wright (Ottawa)	Managing Editor

CMS Notes

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 S. Swaminathan (Dalhousie) Editors-in-Chief

E. Barbeau (Toronto) Contributing Editor - Education
 P. Fillmore (Dalhousie) Book Reviews
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 K. Taylor (Dalhousie) Editors-in-Chief

P. Borwein (SFU)
 R. Kane (Western)
 S. Shen (Alberta)

A Taste Of Math (ATOM)

B. Shawyer (Memorial) Editor-in-Chief

E. Barbeau (Toronto)
 M. Dubiel (SFU)
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 A. Thompson (Dalhousie)
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CMS Treatises in Mathematics

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 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.

János D. Aczél	J Barrington Leigh in Trust for FindRobert	Saskatchewan Learning
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Ronald Harrop	Thomas S. Salisbury	Steven S. Viktora
James P. Henniger	Samuel Beatty Fund	Peter D. Zvengrowski
John G. Heuver	Saint Mary's University	
Jennifer Hyndman	Bill Sands	

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

Past President from July 1

H.E.A. Campbell (Memorial)

President-Elect to June 30

T.S. Salisbury (York)

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M. Ram Murty (Queen's)
E. Perkins (UBC)
B. Rémillard (HEC Montréal)

Treasurer

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D. Rodgers from July 1

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