

## Why join the CMS?

To answer this question I propose a short version and a more detailed one. The short version goes: You love math, the CMS is good for math, so you join the CMS! Just in case you aren't yet convinced, here goes the more detailed version:

The CMS's main goal is to promote mathematics in Canada. Among many other activities, the CMS publishes two journals, provides electronic support for research on its website, organizes and funds regional math camps and competitions including *The Canadian Open Mathematics Challenge*, and *The Canadian Mathematical Olympiad (CMO)*, and selects and trains the Canadian team to the annual *International Mathematical Olympiad (IMO)*. And yes, in case you're wondering, the CMS does have scholarships! One "famous" one would be the *Math in Moscow* scholarship where three students get to attend a semester at the small elite Moscow Independent University.

Now what if you don't read journals, you're not interested in mathematical competitions and you don't want to go to Europe; what's in it for you? Well, here's the deal: you get:

- reduced rates to all CMS meetings (which are grrreat, and include a student social!)
- a subscription to the CMS Notes
- a subscription to Crux Mathematicorum, the CMS's problem solving magazine
- substantial savings for membership in various other math societies
- discounts on books published by the CMS and those who have an agreement with the CMS.

So, in short, if you have any interest in mathematics, joining the CMS will make

your search for knowledge a lot cheaper and a lot more fun (those are the meetings!).

In addition, thanks to the generosity of Klaus Peters, the next 40 students who join the CMS will get a free copy of the fantastic book *The Education of a Mathematician*, by Philip J. Davis, worth \$43.95.

By now you're probably wondering how much all this costs. Student membership is only \$34 per year to get all the above. That works out to only \$2.83 a month or less than 10 cents a day.

So if you haven't left this article yet to go join on [www.cms.math.ca](http://www.cms.math.ca) what are you waiting for?

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## CMS bits and bites

Find out what is happening in the Canadian Mathematical world at [www.cms.math.ca](http://www.cms.math.ca)

News, awards, nominations, scholarships and much more are just a click away.

## Stay updated by joining the Student Listserv

Get news about scholarships, summer schools, and other opportunities straight to your email box. Just visit:

<http://www.cms.math.ca/Students/Listserv/>

## Report from the Chairs

2005 was another productive and exciting year for the CMS Student Committee (Stude).

This year Stude has had a change of membership. Thanks to our past members and welcome to our new team!

The operations manual describes Stude's operations is very helpful with easing the transition of membership. Continuously updating its entries is one of our projects.

Our semi annual student newsletter (what you are reading right now!) contains important information for Canadian mathematics students.

One of our successful projects is the student social at the CMS meetings. We thank all those who help make it a success and look forward to our next social event in Calgary.

Each year Stude supports 4 student activities, one in each of the four regions across Canada. In 2005 we had a success that we'd like to repeat in 2006.

Our website has had a facelift! We plan to add French translations and increase the content very soon. We thank all those who established and maintained the website.

The 12th CUMC at Queen's University was a success. We look forward to the 13th one at McGill University. Stude considers the CUMC as a major event to promote mathematics in Canada.

Stude has created 2 email listservs to send announcements to mathematics students across Canada.

One of our newest projects is working to make student memberships in the CMS more attractive. This year we will advertise this idea in all our other projects. Another of our completed projects this year is a new poster for a better promotion.

Finally we would like to thank CMS for all their support and valuable help.

2005 était une année productive pour le comité des étudiants de la SMC (Stude).

Cette année nous avons changé de membres. Merci à tous nos anciens membres et bienvenu aux nouveaux! Stude recherche encore 4 nouveaux membres.

Le manuel d'opérations du Stude décrit nos activités courantes et est très important pour la transition des nouveaux membres. Stude remercie tous ceux et celles qui ont initié ce projet et continuent toujours à le remettre à jour.

Notre bulletin semi annuel contient des informations importantes pour les étudiants Canadiens en mathématique.

Un autre de nos projets est la rencontre des étudiants pendant la réunion de la SMC. Merci à ceux et celle qui l'ont rendu un grand succès. Nous attendons avec impatience notre prochaine à Calgary.

Chaque année le Stude supporte 4 activités pour étudiants, une dans chaque région du Canada. Ceci était un succès en 2005 nous espérons de même pour 2006.

Notre site Web a une nouvelle allure ! Nous travaillons sur la translation en Français et sur l'addition de nouveaux sujets. Merci pour ceux et celles qui ont initié et maintenu ce site.

Le 12ème CCEM à l'université Queen's était formidable. Le 13ème cette année sera à l'université McGill, nous y accordons de grands espoirs.

Stude a créé 2 listes d'emails pour envoyer des annonces mathématiques aux étudiants partout au Canada.

Notre projet le plus récent est d'encourager les étudiants à rejoindre la SMC. En 2006 nous passerons ce message dans tous nos autres projets. Une autre nouveauté est notre « poster » amélioré pour une meilleure publicité.

Enfin, nous voulons remercier la SMC pour leur support et leur aide très appréciés.

## Scientifique de l'année (Radio Canada 2005)

Jean-Marie De Koninck de l'Université Laval à Québec a été choisi scientifique de l'année par Radio Canada " pour avoir conçu et réalisé le projet Sciences et mathématiques en action (SMAC), dans le but d'éveiller et de renforcer chez les jeunes l'intérêt pour les mathématiques et pour les sciences ".

Pour plus d'informations SVP visitez <http://www.cms.math.ca/bulletins/2006/DeKoninck.html>

## 46<sup>th</sup> Mathematical Olympiad

Canada won 1 gold, 2 silver, and 2 bronze medals at the 46<sup>th</sup> Mathematical Olympiad. The competition was held from July 8 to the 19<sup>th</sup> in Merida, Mexico. Canada ranked 19<sup>th</sup> out of the 90 countries who participated. Congratulations!

For more details please visit <http://www.cms.math.ca/MediaReleases/2005/imores.html>

## Crux Mathematicorum

Problem solving is a fun experience! If you like to challenge yourself with new problems then getting your hands on a copy of the Crux Mathematicorum (with Mathematical Mayhem) is an excellent idea. Remember students who are members of the CMS get a copy of the Crux for free! To check out the Crux please visit <http://journals.cms.math.ca/CRUX/> To check the problems we post on our webpage go to <http://www.cms.math.ca/Students/en/Probblems/>

## Nominations/Awards

The CMS has opened the nominations for the following:

CMS Student Committee (Feb 28, 2006)

David Borwein Distinguished Career Award (Mar 31, 2006)

CMS Distinguished Service Award (Mar 31, 2006)

2006 Adrien Pouliot Award (Apr 30, 2006)

For more information please visit

<http://www.cms.math.ca>

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CMS Student Committee

It is distributed to all math departments in Canada. Please address correspondence to

[student-editor@cms.math.ca](mailto:student-editor@cms.math.ca)

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# The Student Mathematical Communicator

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## Happy New Year 2006!

Welcome back to all mathematics students. Studc would like to wish all of you a happy and very productive 2006!

## Who are we?

This newsletter is created and distributed by the Student Committee ("Studc") of the Canadian Mathematics Society. We're a group of undergraduate and graduate math students from across Canada, working to organize events and create services to help out Canadian math students. Read more about what we do in the Chair's Report later in this newsletter. If you have any questions or suggestions, please contact us at [chair-studc@cms.math.ca](mailto:chair-studc@cms.math.ca).

## Studc news

This past year the student committee of the CMS (Studc) has been very active. Learn about our projects and activities in the Chairs Report on page 3.

## CMS Summer Meeting

The CMS Summer Meeting will take place at the University of Calgary from the 3<sup>rd</sup> to the 5<sup>th</sup> of June 2006. You can benefit from a reduced registration fee if you register before April 30, 2006.

For more information check out <http://www.cms.math.ca/Events/summer06>

## Why join the CMS?

Have you ever thought of being a Canadian Mathematics Society member? There are numerous benefits to joining the CMS as a student. Turn to page 2 for more details!

## Math in Moscow

The application for the Math in Moscow Scholarship is now available. The deadline for presenting your application is March 30, 2006. This is a great chance to spend a semester at the University of Moscow and learn Russian and Mathematics. This is operated every year, so if you've missed the deadline, it's still worth checking out to plan for next year! For more details:

[http://www.cms.math.ca/bulletins/Moscow\\_web.html](http://www.cms.math.ca/bulletins/Moscow_web.html)

## CUMC news

The CUMC (Canadian Undergraduate Mathematics Conference) at Queen's University, Ontario was a great success! Students from all over Canada came together to participate in great talks and activities. This year's 13<sup>th</sup> CUMC is at McGill University, Montreal. It will take place on July 5 – 9, 2006. The CUMC is a wonderful experience that should not be missed if you are a math undergrad.

For more information go to <http://cumc.math.ca> or email us at [cumc@cumc.math.ca](mailto:cumc@cumc.math.ca).