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Application Form for the CMS 2018 Endowment Grants Competition

Deadline September 30

## Title of Proposal

Math Alumni Talks and Networking

## Contact information

*The one person and place to communicate with the applicant(s).*

Name

E-mail

Telephone

Fax

## Institution or department to administer grant funds

Name

Address

Contact

E-mail

Telephone

Fax

**Summary**

*Less than 100 words*

Total amount requested in this competition \$

We wish to invite graduates of the McGill Department of Mathematics and Statistics to engage our current undergraduate students with presentations about their career paths. In specific we will invite alumni who are female-identified or otherwise under-represented in Mathematics/Statistics. In addition to providing representation for marginalized groups, these events will give undergraduates the opportunity to be exposed to the various career paths of alumni, to gain advice, and to network. The goal is to give our students a better understanding of career opportunities that come with a math degree and to change the image of what a successful mathematician looks like.

**Applicants**

*Put any specific information on the relevant experience or expertise of an applicant in "Other".*

Name(s)	<input type="text" value="Megan Roda"/>	<input type="text" value="Louigi Addario-Berry"/>	<input type="text"/>
E-mail	<input type="text" value="megan.roda@mail.mcgill.ca"/>	<input type="text" value="louigi.addario@mcgill.ca"/>	<input type="text"/>
Position	<input type="text" value="Graduate Student"/>	<input type="text" value="Associate Professor"/>	<input type="text"/>
Employer	<input type="text" value="McGill University"/>	<input type="text" value="McGill University"/>	<input type="text"/>
Address	<input type="text" value="719-3463 Rue St. Famille,"/>	<input type="text" value="4588 Saint Urbain"/>	<input type="text"/>
	<input type="text" value="Montreal Quebec H2X2K7"/>	<input type="text" value="Montreal"/>	<input type="text"/>
	<input type="text"/>	<input type="text" value="Quebec"/>	<input type="text"/>
	<input type="text"/>	<input type="text" value="H2T2V8"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>
CMS Member #	<input type="text"/>	<input type="text" value="016167"/>	<input type="text"/>
Current grants	<input type="text"/>	<input type="text"/>	<input type="text"/>

## What you propose to do

at most 40 lines

STEM Support McGill is a group dedicated to providing support and opportunities for individuals who are female-identified or belong to other under-represented groups (marginalized with respect to race, orientation, disability, socio-economic status, or otherwise), studying in mathematics and related fields.

To date STEM Support McGill has organized round table discussions; networking brunches; presentations by McGill faculty in Mathematics, Statistics, Computer Science and Physics; informal discussions ("tea and talks") with researchers working on diversity and STEM; student-volunteer office hours; and collaborated with the McGill Women in Physics and Women in Computer science groups, and with the Department of Mathematics and Statistics on high-school/CEGEP outreach events. Further information can be found at the following URLs:

<http://www.mcgillstemsupport.org/>

<https://www.facebook.com/STEMSupportMcGill/>

Thus far, STEM Support McGill has operated with essentially zero budget, with speakers for all events drawn from within the McGill community. We are now proposing a sequence of events which will bring McGill graduates who are now professionals in mathematics and statistics, and other STEM subjects, to talk about their post-graduation experience: what sort of research (or other work) they are doing now, what aspects of their degree were more or less useful in retrospect, the challenges they've faced, and any advice they may have for current students.

These events, aimed at both undergraduate and graduate students, will be by mathematics and statistics alumni who are female-identified or belong to other under-represented groups. The visitors will be a mix of those who have stayed in research or academic environments, and those who pursued doctoral and postdoctoral work and subsequently moved to non-academic milieu.

There will be two 5-à-7 style events in a venue located on McGill campus, one geared more at undergraduates and one at graduate students. Students will be invited from every mathematical science discipline (e.g. math, computer science, physics, joint programs) to come and network with these alumni (we shall invite 5 at a time) and learn about potential career options and pitfalls. A major goal of these events is to provide representation of marginalized groups and create role models for students within our programs. There will be an emphasis on equity and diversity in these events and they will be co-organized by groups with this focus at McGill.

We already have many contacts throughout industry and academia in mind who have expressed interest in participating in and speaking at such an event.

# Budget

*Use Tab key to navigate*

Description	Revenue		
McGill Faculty of Science	2000		
McGill Department of Math + Stats	750		
McGill School of Computer Science	750		
McGill Department of Physics	500		
CMS Endowment Grant requested	2500		
Total Revenue \$	6500		
	Expenses		
Partial funding of travel and local expenses for 10 visi	5600		
Refreshments for events (2 events x 50 people x 5 dc	500		
Room bookings for events (2 events x 200 per event)	400		
Total Expenses \$	6000		

**Other** *Funding, partners, revenue potential, information on applicants such as publications or awards, at most 20 lines.*

The Department of Mathematics and Statistics, the Department of Physics, the School of Computer Science, and the Faculty of Science have expressed their enthusiasm for this sequence of events.

They have agreed to partner with STEM Support McGill to make these events occur, and have offered a total of \$4000 CAD in leveraged funding, if the CMS agrees to support these events.

The breakdown of the leveraged funding we have managed to secure thus far is as follows.

Faculty of Science : \$2000  
Department of Mathematics and Statistics : \$750  
Department of Physics : \$500  
School of Computer Science : \$750

We will aim to draw 2-3 of the ten speakers from within or near to Montreal, to keep travel costs minimal. We expect we will need to cover the costs of 7-8 of the speakers, at an average cost of \$600 travel plus \$200 for two nights accommodation.

Project start date

Finish date