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Application Form for the CMS 2023 Endowment Grants Competition

Deadline September 30

Title of Proposal

Canadian Mathematics Instructor Repository

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 \$

The Canadian Mathematics Instructor Repository will be an accessible online repository whose purpose is to better connect post-secondary mathematics instructors across Canada. It will be hosted on the existing First-year Math and Stats in Canada site. This centralized, password-protected repository will contain self-entered data about instructors, including professional contact information, courses taught, research interests, research projects, publications, and resources. Mathematics instructors on a national level will benefit by identifying potential collaborators and by sharing

Applicants

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

Name(s)

E-mail

Position

Employer

Address

	<input type="text" value="T2N 1N4"/>	<input type="text" value="V5A 1S6"/>	<input type="text" value="L8S 4L8"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>
CMS Member #	<input type="text" value="104313"/>	<input type="text"/>	<input type="text" value="005302"/>
Current grants	<input type="text"/>	<input type="text"/>	<input type="text"/>

What you propose to do

at most 40 lines

The main goal of this project is to further strengthen the existing FYMSiC website by building a repository of professional information about Canadian mathematics instructors. Our web developer, who designed the original FYMSiC site, will create an interface through which mathematics instructors will voluntarily enter their professional information (professional contact information, courses taught, research interests, research projects, publications, outreach initiatives, and resources), and which will allow the user to perform a variety of searches.

In the past decade, Canadian universities have employed an increased number of mathematics instructors, who often find themselves without adequate support and social or professional network. Although mathematics instructors can participate in existing communities of practice and various organizations, these spaces are limited in scope and are not able to promote all individuals and their professional achievements; as well, they might require money (for membership) and time commitment (attending a meeting, conference, etc.). On a more local level, personal websites and departmental faculty lists provide information about individual faculty members; as there is no search capability available, finding a specific individual or a group of individuals and their contributions is challenging.

We plan to address this situation by building this centralized, accessible, searchable Canadian Mathematics Instructors Repository. Mathematics instructors on a national level will benefit by identifying potential collaborators and by sharing information and resources about research, professional development, and pedagogical initiatives within mathematics and mathematics education.

Having such a repository will contribute to bringing together the members of the three national mathematics communities: First-year Math and Stats in Canada (FYMSiC) community, Canadian Mathematical Society (CMS), and the Canadian Mathematics Education Study Group (CMESG).

The FYMSiC site will continue to complement the education-related activities of the CMS, for instance by advertising job opportunities in Canada (and abroad), by sharing information about professional development events, publishing its newsletter, and maintaining a list of resources. To CMS and CMESG, FYMSiC can offer access to a large number of mathematics instructors who are not members of these two organizations to ensure further community building.

We plan to invite mathematics instructors through the three national mathematics communities to self-enter their information on the password-protected FYMSiC website, including professional contact information, courses taught, research interests,

Budget

Use Tab key to navigate

Description

Revenue

Creation of the repository interface - 30 hours	\$1,500.00		
Testing of the repository - 10 hours	\$500.00		
Maintenance of the repository - 5 hours	\$250.00		
Initial consultations and follow up meetings with applic	\$250.00		
CMS Endowment Grant requested	\$2,500.00		
Total Revenue \$	0.00		
	Expenses		
Total Expenses \$			

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

Other applicant:
 Andie Burazin
 Assistant Professor, Teaching Stream
 University of Toronto Mississauga
 Institute for the Study of University Pedagogy/Department of Mathematical and Computational Sciences
 3359 Mississauga Road
 Mississauga, ON
 L5L 1C6
 CMS Member #: 101618

Potential Partnerships: CMS, PIMS, CMESG, Fields

No revenue for this project.

Award:
 *Lauren DeDieu (Associate Professor, Teaching, University of Calgary) received the 2023 PIMS Education Award. Website: <https://www.pims.math.ca/pims-glance/prizes-awards>
 *Lauren DeDieu (Instructor, University of Calgary) received the 2022 University of Calgary Teaching Award for Full-time Academic Staff. Press release: <https://>

Project start date **Finish date**