

The Raymond L. Roberts Emergency Medicine Young Researcher's Grant (EMYRG)

INTRODUCTION

The QEII Foundation invites applications for grants from the QEII Foundation Ray Robert's Emergency Medicine Young Researcher's Grant (EMYRG). The grant program was established in 2023 to provide funding to support new researchers' contributions to emergency medicine in Canada. This grant will support new researchers on full-time staff at the Charles V. Keating Emergency and Trauma Centre, to establish their research programs and increase competitiveness for external funding. Eligible projects include Emergency Medicine discovery and quality improvement in the emergency department. Projects that have the potential to develop the careers of EM researchers, those supporting interdisciplinary research and those from applicants within their first 5 years on staff will be given special attention.

Up to four grants of \$5,000 will be awarded annually as funds allow.

Grants will be awarded for special project funding based on the following criteria.

- They support initiatives that enhance awareness and understanding and promote excellence in Emergency Medicine.
- Projects should demonstrate clear benefit or enhancement of care to patients and/or families
- The project's score according to the Evaluating Committee's rubric, and review recommendations.
- Funds are for one year and can be renewable with written notice.

The EMYRG may provide funding for the following, but not limited to:

1. Discovery

- a. Start-up research funds for new research proposals that have yet to receive peer-reviewed funding with the intent to establish proof of principle or pilot data in support of a peer-reviewed grant application.
- b. Independent funding for high priority research proposals.
- c. Multidisciplinary Team Grants: Funds for developing multidisciplinary research groups that cross divisions and departments to position researchers to be optimally competitive for peer review research funding.
- d. Research into educational initiatives that will enhance emergency care.

2. Clinical Care

- a. Support for innovative approaches to care through the development of:



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- i. New care models that create efficiencies and improve effectiveness for patients and providers.
- ii. Specific therapies, including applying novel therapeutic approaches that exceed the current standard of care in a sustainable fashion.

ELIGIBILITY

For a funding application to be accepted by the EMYRG, it must meet the following requirements:

- align with Emergency Medicine Research Grant mission.
- be complete concerning the submission requirements outlined in the EMYRG application process and have REB approval before funding can flow
- Be free from significant conflict of interest, as disclosed by applicants and in the opinion of grant reviewers.

APPLICATION PROCESS

- Applications can be obtained from and submitted electronically to megi.nallbani@nshealth.ca
- Applications must include all required supporting documents:
 - Manager/Division Head Approval
 - Co-applicants Contact Information
 - Names and Roles
 - Contact Information
 - CV of applicants and Co-applicants (in CV Module form)
 - Project Details
 - Protocol
 - Feasibility and Timelines Addressed
 - Lay Summary (250 words or less in grade 6 terminology)
 - Budget and Vendor Quote
 - Budget Justification (one page)
 - Knowledge Translation Plan



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➤ Letters of Support

Short-listed applicants may be asked for further information.
Competition results will be communicated by email.

APPLICATION DEADLINES

Applications for the EMRYG are opened and awarded twice a year.

Application Opens	Deadline
February 28	June 6
August 28	January 6

TERMS AND CONDITIONS

General

1. If you are awarded a grant, Financial Services will open a new account in your name for one (1) year once you have provided copies of ethics approval and other certifications, as required. After one (1) year, any remaining balance will be returned to the EMYRG fund.
2. If, for any reason, a study ceases before its completion, DEM Research Department must be made aware in writing immediately. A financial statement outlining funds' disbursements and all remaining funds is to be sent to the EMYRG fund within 30 days of the study being stopped.
3. A final research report by email to the Research Director, Research Manager and the QEII Foundation after the end date of the award describing:
 - a. Research products resulting from this grant (this may include traditional academic outputs such as peer-reviewed articles, books, conference presentations, etc., as well as other knowledge mobilization activities).
 - ii. The number of researchers and others (ex., research assistants) supported by this grant.
 - iii. Whether this grant led to or supported an application for an external grant in the social sciences and humanities.



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4. Publications, reports, and/or presentations from work supported by the EMYRG must acknowledge the Grant. A copy of all published work must be forwarded to the DEM Research Program and QEII Foundation.

Financial

1. You must submit a progress report and budget summary every six (6) months after a grant has been received. Original receipts or invoices must be included
2. Funds received are to be spent as per the submitted budget. Any variances will be subject to review. No more than \$5,000 will be awarded
3. At the termination of the project, all equipment purchased with grant funds will become the property of the DEM Research Department.
4. Equipment purchased must be directly related to the study, all items must include a budget justification and vendor quote
5. The DEM Research Department reserves the right, at any time, to examine the financial records of the study

SCORING RUBRIC

Applications will be reviewed by the Dalhousie Emergency Medicine Research Department using the following criteria:

- Innovation and creativity
- Project description
- Impact on patients and/or emergency medicine
- Evaluation of the project
- Budget
- Cost-effectiveness



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APPENDIX A: SCORING RUBRIC

CRITERIA	EXCELLENT Score of 3-4	GOOD Score of 2-3	AVERAGE Score of 1-2	POOR Score of 0-1
INNOVATION AND CREATIVITY	Idea distinguishes itself from others. It is original, innovative and creative. Demonstrates a new way of thinking and meets a current or emerging need within Emergency Medicine.	An engaging and interesting idea. Somewhat creative or innovative. Impact would be positive.	A good idea but could be more creative and innovative.	Not creative, innovative, and enriching to the discipline of emergency medicine.
CRITERIA	EXCELLENT Score of 3-4	GOOD Score of 2-3	AVERAGE Score of 1-2	POOR Score of 0-1
PROJECT DESCRIPTION	Project description is clear with strong evidence of careful planning, thought and research.	Project description is general, but it is still a good project/idea that can be understood.	Project description needs clarity and further planning. Still, it is possible to understand what the project/idea is.	Unclear project description or lacks planning and research.



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CRITERIA	EXCELLENT Score of 3-4	GOOD Score of 2-3	AVERAGE Score of 1-2	POOR Score of 0-1
IMPACT ON PATIENTS AND/OR EMERGENCY MEDICINE	Potential to profoundly impact the care of a significant number of patients and/or emergency medicine providers.	Potential for impact on patients and/or emergency medicine.	Potential for some impact on patients and/or emergency medicine.	Lacks potential to significantly impact patients and/or emergency medicine.
EVALUATION OF THE PROJECT	There is a detailed, clearly defined, and outlined the plan for documenting and evaluating the project's success.	There is an outlined plan for documenting and evaluating the project's success.	A plan for documenting and evaluating the project's success is present but needs to be more extensive.	No plans for documenting and/or evaluating the project's success, or plans are limited or unclear.
BUDGET	The budget outlines how the money will be spent, including where funds are going, prices, the number of materials purchased, titles of specific materials and shipping.	The budget gives information about what is purchased, from where and how much, but lacks specifics.	The budget is defined only in general terms and is missing specific information.	The budget needs to be included or aligned with the proposed project.



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CRITERIA	EXCELLENT Score of 3-4	GOOD Score of 2-3	AVERAGE Score of 1-2	POOR Score of 0-1
COST-EFFECTIVE	This grant seems like a good financial investment. Excellent benefit for the cost.	This grant seems like a solid financial investment. Very good benefit for the cost.	This grant seems like an OK financial investment. Average benefit for the cost.	This grant seems like a poor financial investment. Low benefit for the cost.

Total Score: /24

0-8 = Low

8-16 = Medium

16-24 = High

Apply = score of 14+

Do not apply = score of 14 or lower

Duration While a more prolonged lasting impact does not necessarily give a grant greater merit, looking at duration can be a valuable tool in measuring overall value. For discussion purposes, how would you categorize the duration of impact on patients and/or emergency medicine of this grant?

Please choose one:

- Short Term Impact (S) ~ one year or less
- Medium Term Impact (M) ~ 2-4 years
- Long Term Impact (L) ~ more than 4 years

Technology: Would you categorize this as a technology grant? **Yes/No/Maybe**

If so, has the applicant provided a satisfactory plan for repair and maintenance? **Yes/No**

Overall Rank/Recommendation for this grant:

- Fully Fund
- Do Not Fund

