

## **CAMRT Research Grant Application Guidelines**

### **1. Purpose of the Research Grant**

The CAMRT Research Grant Program supports discrete, investigator-led research projects related to the medical radiation sciences. The program is intended to foster research capacity development among early-career and emerging investigators by supporting focused studies, pilot projects and applied research initiatives.

The Research Grant is designed to:

- Support original research that advances MRT practice, education or innovation;
- Enable early-career investigators to develop research skills and experience;
- Facilitate feasible, one-year projects with clearly defined objectives; and
- Generate outcomes suitable for dissemination to the MRT community.

The Research Grant is distinct from the CAMRT Research Fellowship Grant, which supports larger-scale research initiatives with protected research time.

### **2. Grant Value and Duration**

- **Funding amount:** Up to \$5,000 CAD
- **Duration:** 1 year
- **Number of awards:** One grant per competition cycle

Funding is provided as a contribution toward the approved research project and may represent full or partial support of the total project costs.

### **3. Applicant Eligibility**

Applications must be submitted by a Principal Investigator (PI) who meets all of the following criteria at the time of application:

- Be certified by CAMRT or OTIMROEPMQ,
- Be a current CAMRT member in good standing and for the duration of the funding period, and
- Identifies as an early-career or emerging investigator.

Additional eligibility considerations:

- Collaborators may be non-members of CAMRT but must not be agents of commercial or industry entities.
- PIs may submit one Research Grant application per year.
- PIs may not hold concurrent CAMRT research grants.
- Previous Research Grant recipients are eligible to reapply.

Applications that do not meet the eligibility requirements will not be accepted.

#### 4. Proposal Eligibility and Scope

Research Grant proposals must meet the following criteria:

##### A. Scope of Practice and Disciplines

Proposals related to the medical radiation sciences are eligible, including research relevant to radiation therapy, dosimetry, and medical imaging disciplines (e.g., MRI, nuclear medicine, radiological technology, and advanced or emerging practice areas).

##### B. Alignment with CAMRT Priorities

Preference will be given to proposals that demonstrate clear alignment with CAMRT's [Strategic Direction](#) and priorities, and articulate relevance to the advancement of MRT practice, education or innovation.

##### C. Applied and Professional Research

Proposals focused on education, administration, workforce, quality improvement or other professional issues will be considered provided they include substantive research or investigative components, and extend beyond descriptive or purely operational activities.

Proposals should demonstrate feasibility within a one-year timeframe.

#### 5. Eligible and Ineligible Use of Funds

##### A. Eligible Expenses:

Grant funds may be used to support:

- Research personnel
- Equipment and supplies required to conduct the research

Up to \$500 may be used for dissemination of results at a conference.

##### B. Ineligible Expenses:

Grant funds may not be used for:

- Course or tuition fees
- Institutional or organizational overhead

Detailed budget justification must be provided as part of the application.

## 6. Other Sources of Funding

Where CAMRT funding represents only a portion of the total cost of a proposed project, applicants must:

- Clearly state the estimated total project cost; and
- Disclose all other sources of funding that have been received, approved, applied for, or are pending.

If the successful completion of the project depends on funding from other sources, CAMRT reserves the right to require confirmation that all required funding has been secured prior to releasing funds.

## 7. Application Requirements

The Research Grant Application is available as a fillable PDF.

Applicants must submit a complete application that includes a Research Proposal addressing each section below (word limits are specified within the application form).

### Required Proposal Sections

- **Literature Review**  
Description of the problem, its significance, and the gap in knowledge. A hypothesis may be included, where applicable.
- **Purpose/Objectives**  
A clear statement of the purpose and objectives of the proposed research, logically derived from the literature review.
- **Methods and Materials**  
Description of the study design, data collection methods, sample selection and relevant methodological considerations.
- **Proposed Data Analysis**  
A clear plan for analyzing data and drawing conclusions.
- **Timeline**  
A feasible project timeline demonstrating completion within one year.
- **Budget**  
A detailed budget with justification for proposed expenses.
- **References**  
Limited referencing is expected; extensive citation is not required.

Incomplete applications will not be reviewed.

## 8. Research Ethics and Institutional Oversight

Applicants are responsible for ensuring that:

- All applicable institutional policies are followed; and
- Research Ethics Board (REB) approval is obtained where required.

If REB approval is required, successful applicants must provide CAMRT with a copy of the approval letter and any subsequent amendments, upon request.

## 9. Review and Evaluation

Applications are peer-reviewed and ranked by the CAMRT Research Granting Committee. At the discretion of the Committee, external reviewers may be consulted when specialized expertise is required.

Applications are evaluated comparatively, and funding decisions are based on the relative strengths of proposals within the competition. All decisions of the Research Granting Committee are final.

Committee members and external reviewers are required to declare any real, potential or perceived conflicts of interest and will recuse themselves from the review of affected applications in accordance with CAMRT policy.

Proposals are evaluated based on:

### A. Applicant and Environment

- Experience, preparation and potential of the Principal Investigator, including alignment between the proposed project and the applicant's background or training stage;
- Appropriateness of the research environment to support the proposed project;
- Access to required resources, mentorship or collaborative support necessary for successful project completion.

*Note: Reviewers will consider the applicant's career stage when assessing experience and readiness.*

### B. Research Proposal

- Clarity of the research rationale, objectives and alignment with the scope of the Research Grant;
- Appropriateness and feasibility of the proposed research design and methods;
- Soundness and justification of the proposed budget and realism of the timeline;
- Identification and consideration of ethical requirements, where applicable.

### C. Significance and Impact

- Relevance to CAMRT priorities and contribution to the MRT profession;
- Potential to address a defined practice, education or professional gap or to generate preliminary evidence;
- Appropriateness of the proposed dissemination and knowledge-sharing plan for the scale of the project.

All decisions of the Research Granting Committee are final. Where possible, summary feedback may be provided to unsuccessful applicants; however, detailed reviewer comments are not guaranteed.

## 10. Conditions of Funding

Successful applicants will be required to sign a *Research Grant Conditions of Funding Agreement* prior to release of funds.

The Conditions of Funding outline:

- Funding release schedule;
- Reporting and financial accountability requirements;
- Requirements related to the return of unused or unspent funds; and
- Compliance expectations.

In the event of any inconsistency between the governing documents (the Conditions of Funding Agreement, Application Guidelines, or other CAMRT policies), the Conditions of Funding Agreement shall prevail.

## 11. Questions

For questions regarding eligibility, application requirements, or program fit, please contact: [professionalpractice@camrt.ca](mailto:professionalpractice@camrt.ca)