



# Children's Hospital Research Institute of Manitoba

## Grants & Awards Guide

2022

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## PART I: GENERAL INFORMATION

### 1. How to use this Guide

This Grants and Awards Guide (herein called the Guide) provides an overview of the Children's Hospital Research Institute of Manitoba Grants and Awards competitions. It outlines the competition timeline, requirements, review criteria and the competition process. In Part I, general requirements for funding are described and the timeline of each competition is provided.

This Guide should be read in conjunction with the Grants and Awards Policy (Policy Manual 5.3) describing the operations and responsibilities regarding Grants and Awards. The Grants and Awards Policy, Guide and supporting templates and forms are available at [www.chrim.ca](http://www.chrim.ca). For other competitions (i.e. **partnered awards**) please refer to the relevant website.

**Applicants and supervisors: It is important you read this guide carefully. The Institute strictly follows the guidelines provided. Missing or incomplete information will disqualify an application.**

### 2. Background

The mission of the Children's Hospital Research Institute of Manitoba (CHRIM, "the Institute") is to improve the health of infants, children, and youth, and to enhance maternal and societal health by creating an environment that attracts and retains the best scientists and clinicians in research. Improvement of child health through research is attained through the development and application of treatments and cures. Through the support of the donor community, as represented by the Children's Hospital Foundation of Manitoba (CHF, "the Foundation"), the Institute fulfills its role of promoting excellence in research by providing funding and essential services to support child health researchers who are dedicated to the cause of child health through an annually renewable CHRIM Membership. The Institute provides space and equipment to conduct research as well as funding and support for all levels of research and research training.

For inquiries regarding funding opportunities as described in this Guide, contact the Grants Administrator at [grantsadministrator@chrim.ca](mailto:grantsadministrator@chrim.ca).

### 3. Requirements for all Grants and Awards Funding

This section describes the general application requirements for all CHRIM Grants and Awards competitions. In addition to these general requirements, **there are specific requirements for each grant or award program; therefore we require that applicants review all information before filling out an application.**

#### 3.1 Eligibility

Grant and Award applications and matching requests for Research Manitoba, BSc Medicine, BSc Dentistry, and CCHCSP funding will only be considered from Members of the Institute or from trainees who are directly supervised by an **ACTIVE** Member. Members are required to:

- hold a faculty appointment at a college/university within the province of Manitoba

- be focused in child health research
- successfully apply or have been invited to become a CHRIM Member, and comply with membership requirements
- renew their membership on an annual basis

Individuals wishing to apply for Membership should review the membership policy and application process described at [www.chrim.ca](http://www.chrim.ca). Membership must be established before a Grant or Award application or request for matching of funds can be considered.

If a Member or their trainee applying for Grants and Awards is part of a Research Theme within the Institute, a Letter of Support from the Theme Leader **must** accompany the application to confirm there is no overlap with Theme funding.

By submitting an application to the Institute, the applicant and their academic institution agree to comply with all requirements of CHRIM and CHF and consent to any and all use and disclosure of information and materials supplied and/or to be supplied for purposes as may be required. These may include, without limitation: peer review, funding determination, administration, accounting, education, and publicity and marketing purposes.

## 3.2 Budget

### Summary of Funds Available

Type of Award	Intended for	Funding (Maximum)	Term
<b>CHRIM</b>			
Operating Grant	Member Projects to provide critical seed funding	\$50,000	1 year; extension up to 2 additional years
Small Grants	Funding for specific projects for Members or their trainees	\$5,000	1 year; extension up to 1 additional year
Pediatric Resident Small Grants	General Pediatric Residents (PGY 1, 2, 3, 4)	\$1,500	1 year; extension up to 1 additional year
Genetic/Metabolic Small Grants	Funding to support research involving hereditary and metabolic disorders.	\$7,500	1 year; extension up to 1 additional year
Travel Grants	Travel support of a student trainee	1,500 per calendar year	n/a
Undergraduate Summer Studentships (includes separate funding designated for Canadian Indigenous students)	College or university undergraduate's research during summer months.	\$7,000	12 weeks (max)

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Type of Award	Intended for	Funding
<b>PARTNERS/FUNDING</b>		
<b>Research Manitoba</b>		
Postdoctoral Fellowship	Postdoctoral trainees in child health research	See guideline: <a href="http://www.researchmanitoba.ca">www.researchmanitoba.ca</a>
Graduate Studentships	Master's and PhD trainees in child health research	See guideline: <a href="http://www.researchmanitoba.ca">www.researchmanitoba.ca</a>
<b>U of M</b>		
BSc Studentships	2 <sup>nd</sup> and 3 <sup>rd</sup> year medical/dental students' research during summer months	BSc (Dent) - See guideline: <a href="http://umanitoba.ca/faculties/health_sciences/dentistry/research/bsc-dent.html">http://umanitoba.ca/faculties/health_sciences/dentistry/research/bsc-dent.html</a> BSc (Med) - See guideline: <a href="https://umanitoba.ca/faculties/health_sciences/medicine/research/grad_undergrad/bsc_med.html">https://umanitoba.ca/faculties/health_sciences/medicine/research/grad_undergrad/bsc_med.html</a>
URA	Undergraduate students	<a href="https://umanitoba.ca/research/opportunities-support/undergraduate-research-awards">https://umanitoba.ca/research/opportunities-support/undergraduate-research-awards</a> See guideline:
Clinical Research Fellowships	Undergraduate (medical) degree trainees as clinician-researcher	See guideline: Clinical Investigator Program (CIP) <a href="http://umanitoba.ca/faculties/health_sciences/medicine/education/pgme/CIP.html">http://umanitoba.ca/faculties/health_sciences/medicine/education/pgme/CIP.html</a>
<b>CCHCSP</b>		
Predocutorial Award	PhD trainees in child health research	\$50,000 annually
Postdoctoral	Fellowship in child health research	\$70,000 annually
Career Development Award	New clinician scientists in child health research	\$70,000 annually

### 3.3 Ethics and Safety

All human, animal and basic science research funded by the Institute must comply with the ethical and safety conduct requirements expressed in the following guidelines:

- [Tri-Council Policy Statement: Ethical Conduct of Research Involving Humans](#);
- [Responsible Conduct of Research](#): a standard from the Tri-Agency Framework; [Responsible Conduct of Research](#): University of Manitoba Policy;
- [Canadian Biosafety Standards](#): Standards from the Public Health Agency of Canada;
- [Stem Cell Policy Guidelines](#): Guidelines from the Canadian Institutes of Health Research (CIHR);
- [Animal Care in Science](#): Guidelines from the CCAC;

- The [Environmental Health and Safety Office](#) of the University of Manitoba regulates Radiation, Biological and Chemical Safety, as well as Fire Safety, and researchers at CHRIM must comply with these regulations.

The signing of the application and the Funding Application Approval Form (FAAF) by the appropriate institutional authority constitutes a commitment on the part of the applicant and the administrators of the sponsoring institution that these guidelines will be adhered to.

### 3.4 Submission of research funding application to the Office of Research Services

All Principal Investigators and their trainees are responsible for submitting their funding application to regulatory bodies that may be involved in the funding process. This includes the Office of Research Services (ORS) at the U of M that authorizes the release of funds to Budget and Grants, after receiving the appropriate approval letters (e.g., from the applicable Research Ethics Board). Funds will not be released until all regulatory compliances are completed.

Within one month after the award has been announced, CHRIM and other granting agencies require letters of approval from the following regulatory bodies, as applicable:

- a University Committee on the Use of Human Subjects in Research;
- the Pediatric Research Coordinating Committee or equivalent;
- the Institutional Animal Care Committee;
- a Biosafety Project Approval Certificate;

### 3.5 Appeals

All decisions by the Institute respecting awards are final and binding.

## 4. Fund Management

### 4.1 Accounts

Awards will be administered through the academic institution of the grantee. When this concerns the U of M, a [Funding Application Approval Form \(FAAF\)](#) must be completed at the time of the application and sent to the Office of Research Services (ORS) with the proposal. A copy of the FAAF is to be sent to the CHRIM CEO and Scientific Director. Once signed by the Department Head the Principal Investigator (PI) will assemble and attach all required documents needed prior to submitting to the Associate Dean of Research.

After receiving all required approvals, ORS will review the applications for compliance before they are submitted and provides the signature thereafter. ORS releases the funds to the [Budgets and Grants](#) officer, and once Fund/Organization/Program (FOP) numbers have been assigned to the grants, grantees should ensure alternate signing authority is given and copies of all FOPs are sent to the CHRIM Finance Team.

Funding support awarded by the Institute will not be released until the applicable pre- or co-requisite conditions, set by the granting agency, have been met (e.g., written acceptance of the award or Letters of Approval from regulatory bodies involved in a study). Conditions should be met in a timely manner and we recognize this could take up to a year. The CHRIM Grants Administrator must be notified of any delays resulting in the inability to achieve timelines set out in the grant.

Grants and Awards are administered by the U of M Budgets and Grants. Funds awarded in any category are not transferable to

another category. **Funds are not transferable to another person or project.** Exceptions to this may apply for Operating Grants where the application was submitted by more than one co-principal investigator, and one investigator retires, falls ill or leaves the Institute. The remaining co-investigators will retain the funds to complete the project.

## 4.2 Accounting and Reporting Requirements

All support must be used according to the initial application as approved by CHRIM or funding partner (ie. Research Manitoba) and should not be otherwise proportioned, allocated, or used for any other purpose. It is the responsibility of the applicant to inform the granting agency of change(s) to any aspect of an application as presented and approved (e.g. any deviation in personnel, budget, or project scope, any revocation or non-renewal of any prior certification, approval, or consent, any additional or discontinuance of co-funding from another source, any required extension of the funding term, etc.), and to propose alternatives and/or corrective actions to the satisfaction of the granting agency.

The grantee is responsible for complying with regulations of the academic institution and the requirements of granting agencies regarding eligible expenses, accounting and financial statements.

Reporting requirements are in place for all types of funding; details are outlined in the specific sections of this Guide. It is the grantee's responsibility to be aware of the requirements of other granting agencies involved. Funds may be withheld if reports are not complete or not submitted on time.

At the conclusion of the funding period, recipients of any type of award must promptly complete the online annual report form detailing the achievements accomplished, challenges encountered, and summary of future plan(s) for the project and funding sources. A reminder will be sent to the grantee by the Grants Administrator.

A link with annual reporting and final reporting details will be sent to recipients.

## 4.3 Expenditures

All expenditures must be consistent with policies on eligible expenses. Research funds are to be spent according to budgets approved during the review and decision process of the grant application.

Occasionally, it may be necessary to reallocate grant funds between approved categories if the needs or circumstances of the research project have changed. **Grant holders require approval from the granting agency for such reallocation only if the change involves 25% or more of the grant's total.**

Grants and Awards may be used only for expenses incurred during the term of the award. In particular, please note the following:

- Funds must be used during the time period for which they are awarded. For Operating and Small Grants, if a grantee anticipates not spending the entire amount during the award term, they may apply for an extension in writing (see Section 4.4 below).
- Should the research program under which the grant was awarded be permanently suspended prior to all grant funds being exhausted, remaining funds must be returned to the granting agency no later than 90 days after the award was suspended.
- Funding is awarded for the support of research at the specified institution where the recipient is located. If the grantee moves from one institution to another, the grant is terminated on the last day of the appointment and the remaining funds returned to the granting agency (not including, if applicable, confirmed exceptions through Research Manitoba).
- Equipment purchased with CHRIM funding remains the property of the CHFM, which may consider sale to another institution in the event that an investigator moves their research operation and there is no pressing local need for the

equipment. CHF and CHRIM staff will negotiate the sale of any equipment to another institution.

- Any commitment incurred by a grantee in excess of the grant funds is not the responsibility of the granting agency and will be billed to the grantee.
- CHRIM grants cannot be used for institutional overhead or other surcharges.

## 4.4 Leaves of Absence and Extensions

The general policies of the employer relating to ordinary vacation, extended illness, maternity, parental, family or other types of leave of absence shall be applied to holders of a salary award and be utilized in the determination of eligibility for a grant or award. The Head of the Department and the Dean or Director of Research for the College or Faculty are required to notify the Institute of any leave to be taken by an award holder, apart from ordinary vacation leave, in order for adjustments to be made to the dates of tenure of the salary award. The award is held in abeyance for the duration of all leaves taken. The term of the award will be extended by the duration of the leave, to a maximum of two years.

For Operating and Small Grants, the grantee may ask for an extension of the term of the award in writing, submitted to the Grants Administrator ([grantsadministrator@chrим.ca](mailto:grantsadministrator@chrим.ca)) one month prior to the end of the original funding term. This request must include justification for funds not spent in the original time allowed, goals met/problems encountered, and plans made to complete the research with timelines and deliverables proposed. The online annual report form must be completed before the extension is requested.

## 4.5 Acknowledgement

The Children's Hospital Research Institute of Manitoba (CHRIM) is the research arm of The Children's Hospital Foundation of Manitoba Inc (CHFM). All recipients of funding from the Institute must acknowledge support from both the Institute and the Foundation. Support from the Institute **of any type** (whether monetary or in-kind) must be acknowledged in presentations, publications and media contacts. The acknowledgement should specifically identify the type of support (e.g. personnel award, studentship, operating grant, equipment grant, laboratory facilities), and the Children's Hospital Foundation of Manitoba.

Poster and slide presentations and other materials should include the Institute's logo, available at [www.chrim.ca](http://www.chrim.ca). Publication or presentations of work conducted within the Institute's facilities should acknowledge the Institute's support of the research environment, even when operating funds come from other sources. Publications or presentations involving trainees supported by the Institute must acknowledge that support.

Finally, any publication of research by Members and their trainees, including but not limited to research funded by the Institute, should be sent to the Director of Marketing and Communications at [communications@chrим.ca](mailto:communications@chrим.ca) upon publishing.

## 5. Deadlines

CHRIM Competitions	
Date	Milestone
<b>Operating Grants</b>	
March 4, 3:00 PM	Letter of Intent Submission Deadline
March 18, 3:00 PM	LOI Results
April 29, 3:00 PM	Application Deadline



5 working days prior to application deadline	Office of Research Services
7 working days prior to application deadline	Funding Application Approval Form (to the Dean of Research)
Mid-July	Notification and Public Announcement
<b>Spring &amp; Fall Submission: Pediatric Residents Small Grants</b>	
15 February, 3:00 PM	Application Deadline
Mid-April	Notification
First Friday in October 3:00 PM	Application Deadline
Mid-December	Notification
<b>Fall Submission: Small Grants and Metabolic Grants</b>	
First Friday in October 3:00 PM	Application Deadline
Mid-December	Notification
<b>Travel Grants</b>	
First business day of every month, 3:00 PM	Application Deadline
Within three weeks of deadline	Notification
<b>Undergraduate Summer Studentships</b>	
15 February, 3:00 PM	Application Deadline
Mid-April	Notification

## PART II: THE COMPETITIONS

### 6. Operating Grants

#### 6.1 Purpose

Operating Grants are intended for **CHRM Member** projects that will provide critical funding needed for new study objectives to enhance opportunities to obtain national peer-reviewed or industry research support. Occasionally, extra funds become available in the form of endowment funds or other special donations, for a specific use or area of research designated by the donor. Monies not awarded under operating grants are put into a miscellaneous discretionary fund to be used at the discretion of the CEO and Scientific Director. Application for these special funds will be administered as a separate category of an Operating Grant. Special funding is announced as it becomes available. This funding opportunity is not meant to represent the sole or major funding source of an investigator's research program.

**Be familiar with your institutions rules and regulations on Office of Research Services requirements.**

Awards are intended to support direct research costs not institutional indirect costs of research.

#### 6.2 Requirements

Operating Grants are not intended to provide continuous support for Members.

- **CHRM Principal Investigators may only apply once every two years (provided the applicant does not hold an active CHRM operating grant at the time of the application). This includes CHRM Co-Principal Investigators (those who have equal overall responsibilities for the project). For example, if successful in 2021 the applicant cannot apply again until 2023.**
- **Co-investigators are not excluded.**

Applicants **must** indicate in their summary whether their research will be based at the Institute's facilities on the 5<sup>th</sup> and 6<sup>th</sup> floors of the John Buhler Research Centre (JBRC), or elsewhere. The Institute has a responsibility to make its facilities sustainable by prioritizing applicants based in the facility.

The documents necessary for the review of the project or candidate must be submitted with the application (information submitted in a previous application is not available to the Grants and Awards Committee or reviewers). If the proposal was submitted previously, applicants must discuss how they incorporated past review comments in their current application.

**The Institute requires Members who wish to apply to the Operating Grant competition to submit a Letter of Intent prior to the full application deadline (deadlines as per above).**

Any application received without a prior submission of a Letter of Intent will not be processed or reviewed. Upon receipt of a Letter of Intent, the Scientific Officer(s) will review and contact the applicant to indicate whether they may submit a full application.

Annual and final reports are required as a condition of the grant award. Report links are available on the CHRM website. A reminder will be sent out by the Grants Administrator indicating submission deadlines.

## 6.3 Funding

Grants will not exceed **\$50,000** in value. Operating Grants are designed to provide support for direct operating costs such as \*but not limited to) salary for research support, supplies, and small equipment items (no more than \$5,000 in total). Operating Grants consist of a single one-year award that may be extended up to a total of three years in duration. **A new application for an Operating Grant will not be accepted during the extension of a current award.**

Operating Grant funds may be used for any of the following:

- Indigenous ceremonial and cultural offerings
- Participant engagement activities
- Publication costs related to the funded project
- Biostatistical services
- Salary for research staff support (lab techs, managers, research assistants)
- Services (non-salary)
- Facility access fees
- Computer software
- Supplies related to the conduct of research

Operating Grant funds may **not** be used for any of the following:

- institution overhead or other surcharges;
- support for travel or accommodation unrelated to performance of project (e.g. to conferences);
- salary support for students, fellows, or other trainees (trainees are encouraged apply to other competitions for this – eg. Research Manitoba Partnership, CHRM Undergraduate Studentships, etc.);
- any other items covered by another CHRM competition;
- equipment charges (e.g. service contracts);

- support for publication or otherwise dissemination of results not related to the funded project;
- membership or other subscription fees or charges;
- computer hardware (covered elsewhere within the institution by CHRIM);
- patient charts retrieval or reproduction (if clinical trainee is involved in the project);
- consulting and other professional fees or charges;
- Salary support for PI and co-investigators.

Members should make every effort to minimize expenses by using core technologies and resources directly available from the Institute. If this is not possible, the budget justification should explain why these technologies cannot meet the needs of the experimental program. Researchers are encouraged to consider efficiencies through linked projects.

## 6.4 Assessment Criteria

The Grants and Awards Committee will assess all applications that meet the submission requirements. Applications will be reviewed and scored by at least two internal reviewers. Major criteria used for evaluation include:

- compliance with policies and guidelines as stated in Section 3 of this Guide;
- relevance to CHRIM and Child Health Research;
- merits of the project design;
- merits of the project scope of work;
- credentials of the applicant and investigators involved;
- reasonableness of resources and budget;
- future direction and impact;
- future funding of the research.

**Any modifications to the scope of work outlined in the application after a grant has been awarded must be reviewed by the committee before proceeding further with the project. Depending on review results the project may be terminated and unspent funds must be returned to the Institute.**

## 6.5 Application Materials

Applications must be made using the link available on [www.chrim.ca](http://www.chrim.ca) and must be accompanied by a copy of the applicant's current CV, using the CIHR Academic Canadian Common CV template (draft form is acceptable). Incomplete applications or those that do not meet all CHRIM requirements will not be processed. It is the responsibility of the applicant to provide clear and concise answers to all questions on the form, and to submit all supporting documents.

All documents necessary for the evaluation of the project or candidate must be submitted with the online application (information submitted in a previous application is not available to the committee or reviewers).

The applicant must clearly detail the scope of work to be done for the one-year duration of the project, together with an itemized budget that supports the funds requested. Expense for any chargeable internal resource(s) (e.g. clinical research unit resources) that may be required must be included in the budget. Any regulatory bodies the research was submitted to should be described in the application.

Applications will be sent to two CHRIM Members for review. Confidential comments will be provided to the applicants once the results of the competition have been determined.

Applicants must submit an annual report which includes your lay summary to be used by the Director of Marketing and Communication. As a guideline, CHRIM must be able to take the lay summary and put it directly into a lay publication (newspaper, magazine) with **no** revisions. Lay reviewers read and comment on each summary. The summary should address the project's successes and challenges and its meaning to the general public. This communication is an important part of the Institute's relationship with its stakeholders.

The Gunning Fog Index is a tool writers use to measure the 'readability index' of their writing. The higher the score, the more difficult the passage is to read. CHRIM's aim for the Lay Summary is an index of 9. The following link outlines how to calculate your writing score using the [Gunning Fog Index](#).

### The Letter of Intent PROCESS:

**The online submission form MUST be completed. Applicants DO NOT need to email an electronic version to [grantsadministrator@chrим.ca](mailto:grantsadministrator@chrим.ca). However, all attachments should be uploaded and signature pages must be signed.**

Each category will receive a score between 1-5, for a maximum score of 25 where:

The applicant will receive feedback on their application and their score by March 18, 2022. The top applicants in the both the Basic Science and the Clinical/Population Science categories will be invited to submit a full proposal due by April 29, 2022 at 3:00pm. Applicants should write their Letter of Intent using scientific or technical terms making sure to include the following sections:

1. **Background and Importance:** Provide a brief overview of relevant background information, relevance to child health, and, rationale for the proposed research.
2. **Goal(s)/Research Aims:** Indicate the broad goal(s) and specific research aims of the proposed research.
3. **Methods:** Provide a brief overview of the methodology and population that will be used to address each of the research aims. Information may include important collaborations, within or outside of the research community that will be accessed to achieve the outlined research goals.
4. **Expected Outcomes:** Describe the expected outcomes of the proposed research highlighting the significance of the proposed research and how it will advance knowledge and/or its application to child health care, health systems and/or health outcomes.
5. **Team and Environment:** Include the nature of the core expertise being brought together to address the proposed research.

At least two committee members will evaluate and score Letters of Intent. The Letter of Intent will be evaluated on:

- a) Relevance to child health
- b) Novel research goals and objectives
- c) Scientific rigor of the proposed methodology
- d) How the anticipated results will advance the field
- e) The proposed team and expertise to conduct the research

## Grant Submission Process:

The fillable PDF form **MUST** be completed. Applicants **MUST** email an electronic version of the complete application to [grantsadministrator@chrim.ca](mailto:grantsadministrator@chrim.ca) by the deadline. All attachments must be included and signature pages must be signed.

The Application for Operating Grants should include the following:

- a completed Operating Grant Checklist and Application Form with required signatures;
- a current CV, using Canadian Common CV CIHR Academic template, of each applicant;
- if applicable, any of the following supporting documents:
  - Letters of Collaboration;
  - Letters of Support; Quotes; and
  - Regulatory Approval Letters.

If an LOI is accepted but the PI does not submit application (eg. study no longer viable, etc.) they must notify [grantsadministrator@chrim.ca](mailto:grantsadministrator@chrim.ca) before the deadline indicating their withdrawal from the competition.

Applicants will be notified of the results of the competition. The start date for each award will be announced each year. **Written acknowledgement of your acceptance of the award must be received within 14 days (sent via email to [grantsadministrator@chrim.ca](mailto:grantsadministrator@chrim.ca)).**

Failure to comply with the requirements of CHRIM and ORS will result in your application not being reviewed.

## 7. Small Grants

### 7.1 Purpose

**CHRIM Members and their trainees** may use Small Grants to support research. If applicable, the supervising member must sponsor and co-sign the application. Occasionally, extra funds become available in the form of endowment funds or other special donations, for a specific use or area of research designated by the donor. Application for these special funds will be administered as a separate category of a Small Grant. Special funding is announced as it becomes available.

#### Small Grants

The Children's Hospital Research Institute of Manitoba (CHRIM) is pleased to announce that the Grants and Awards Committee will consider yearly applications for Small Grants of \$5,000 for projects on disorders affecting the lives of infants, children, youth and their families. For further information on Small Grants contact [grantsadministrator@chrim.ca](mailto:grantsadministrator@chrim.ca).

#### General Pediatric Residents

General Pediatric residents (PGY1 through 4) may apply for small grants up to \$1,500. The competitions will be held twice a year in February and October. We anticipate that two to three grants will be funded per competition. Applicants must be general pediatric residents; typically only one grant will be provided per trainee over the course of their residency. If a supervisor has multiple trainees, each trainee may be considered eligible for each competition (i.e. a supervisor may supervise more than one resident who has successfully applied to this category of grants). The Resident Scholarly Activity Committee (RSAC) form outlining the resident protocol is almost identical to the information required for this category of CHRIM Small Grants competition.

Most resident projects typically do not require funding. However, CHRIM has generously allowed certain eligible expenses, please see the detailed budget template with suggested ranges for expenses.

This special category of Small Grants will follow the same process as for all Small Grants (see this Guide) and will be evaluated by the Resident Scholarly Activity Committee (RSAC) using the established criteria.

### **Genetic/Metabolic Disorders**

This special category will consider applications for funds to support any aspect of research involving hereditary genetic and metabolic disorders, both qualitative and quantitative in nature (salary support for Principal Investigator is NOT an eligible request). Awards will be for one year up to a value of \$7,500 and will follow the same process as for all Small Grants (see this Guide). The Small Grants Committee, using the established criteria, will evaluate these applications. This special category will be over and above the regular annual Small Grant Competition.

This special Small Grants category has been made possible through endowments established from the generous donations by the late Dr. James C Haworth and Dr. Irene Uchida as well as contributions from existing endowments.

For further information or questions on the New Small Grant hereditary metabolic and genetic disorder competition contact Dr. Cheryl Rockman-Greenberg at [cgreenberg@hsc.mb.ca](mailto:cgreenberg@hsc.mb.ca).

## 7.2 Requirements

Monetary support is available to initiate new research projects that are clearly related to child health. If the application is written by the trainee or research support staff it should be under the mentorship of the supervising CHRIM member.

Applications to Grants and Awards competitions that are submitted late, incomplete, or that are not directly relevant to child health or otherwise not meeting the Institute's requirements, will be returned to the applicant without being processed or reviewed. The Institute stresses the importance of having all applicants review the appropriate application checklist prior to submitting their applications.

**CHRIM Principal Investigators and/or their trainees may only apply once every two years (provided the applicant does not hold an active CHRIM operating grant at the time of the application). This includes CHRIM Co-Principal Investigators (those who have equal overall responsibilities for the project). For example, if successful in 2021 the applicant cannot apply again until 2023.**

## 7.3 Funding

Small Grants is an open competition for a well-developed comprehensive study (maximum amount \$5,000 in value). The competition includes genetic/metabolic diseases for a maximum of \$7,500.

A separate competition is in place for General Pediatric Resident projects that focus on a targeted area of direct and immediate relevance to CHRIM, supervised by an **ACTIVE** Member of the Institute (maximum amount \$1,500 in value).

Small Grants are awarded for a period of one year. Small Grants may be used to fund research staff provided they are not a student or trainee. Successful applicants cannot apply for a second Small Grant the following year, however they are eligible to apply for an Operating Grant the following year.

Small Grant funds **may be** used for any of the following:

- Indigenous ceremonial and cultural offerings
- Participant engagement activities
- Publication costs related to the funded project
- Printing, photocopying, office supplies, telephone
- Biostatistical services (does not apply to Pediatric Resident Small Grants)
- Salary for research support staff
- Services (non-salary)
- Facility access fees
- Computer software (does not apply to Pediatric Resident Small Grants)
- Supplies related to the conduct of research

Small Grant funds **may not** be used for any of the following:

- institution overhead or other surcharges;
- support for travel or accommodation unrelated to performance of project (e.g. to conferences);
- support for students, fellows, or other trainees (or any other items covered by another CHRIM competition);
- equipment charges (e.g. service contracts);
- support for publication or otherwise dissemination of results not related to the funded project;
- membership or other subscription fees or charges;
- computer hardware (covered elsewhere within the institution by CHRIM);
- patient charts retrieval or reproduction (if clinical trainee is involved in the project);
- consulting and other professional fees or charges;
- Salary support for PI and co-investigators.

Members should make every effort to minimize expenses by using core technologies and resources directly funded by the Institute. If this is not possible, the budget justification should explain why these technologies cannot meet the needs of the experimental program. Researchers are encouraged to consider efficiencies through linked projects.

## 7.4 Assessment Criteria

The Grants and Awards Committee will review and score all applications that answer the submission requirements. Major criteria used for evaluation include:

- compliance with policies and guidelines as stated in Section 3 of this Guide;
- relevance to CHRIM and child health;
- merits of the project design;
- merits of the project scope of work;
- credentials of the investigators;
- reasonableness of resources and budget;
- future direction and impact;
- funding focus and future funding of the research.

## 7.5 Application Materials

Applications must be made using the link available on [www.chrim.ca](http://www.chrim.ca) and must be accompanied by a copy of the applicant's current CV, using the CIHR Academic Canadian Common CV template (draft form is acceptable). Incomplete applications or those that do



not meet all CHRIM requirements will not be processed. It is the responsibility of the applicant to provide clear and concise answers to all questions on the form, and to submit all supporting documents.

All documents necessary for the evaluation of the project or candidate must be submitted with the online application (information submitted in a previous application is not available to the committee or reviewers).

The applicant must clearly detail the exact scope of work to be done for the one-year duration of the project, together with an itemized budget that supports the funds requested. Expense for any chargeable internal resource(s) (e.g. clinical research unit resources) that may be required must be included in the budget. Any regulatory bodies the research was submitted to should be described in the application.

Applications will be sent to the Grants and Awards Committee which is made up of five researchers and three lay reviewers for review. Confidential comments will be provided to the applicants once the results of the competition have been determined.

Applicants must submit an annual report which includes your lay summary to be used by the Director of Marketing and Communication. As a guideline, CHRIM must be able to take the lay summary and put it directly into a lay publication (newspaper, magazine) with **no** revisions. Lay reviewers read and comment on each summary. The summary should address the project's successes and challenges and its meaning to the general public. This communication is an important part of the Institute's relationship with its stakeholders.

The Gunning Fog Index is a tool writers use to measure the 'readability index' of their writing. The higher the score, the more difficult the passage is to read. CHRIM's aim for the Lay Summary is an index of 9. The following link outlines how to calculate your writing score using the [Gunning Fog Index](#).

## Submission Process:

The fillable PDF form **MUST** be completed. Applicants **MUST** email an electronic version of the complete application in one PDF to [grantsadministrator@chrim.ca](mailto:grantsadministrator@chrim.ca) by the deadline. All attachments must be included and signature pages must be signed.

Applicants will be notified of the results of the competition. The start date for each award will be announced each year. **Written acknowledgement of your acceptance of the award must be received within 14 days (sent via email to [grantsadministrator@chrim.ca](mailto:grantsadministrator@chrim.ca)).**

Failure to comply with the requirements of CHRIM and ORS will result in your application not being reviewed.

## 8. Travel Grants

### 8.1 Purpose

The Travel Grant is intended for travel support of research trainees of CHRIM Members, specifically: graduate students (Masters or PhD program), post-doctoral fellows, and post-graduate medical trainees (residents from any department), who are primarily supervised by a Member of the Institute and will present their research related to child health at a conference or symposium.

Members, undergraduate students (including professional degree programs), research assistants, research associates and technicians are not eligible.

If an applicant holds other studentship funding (eg. Research Manitoba Award, CIHR, etc.) that funding must be used before applying for a CHRIM travel grant.



## 8.2 Requirements

All applications can be made to the Travel Grant Committee at the time of abstract submission, at least one full review cycle prior to departure. For example, if departure is February 15<sup>th</sup>, applications must be submitted January 1<sup>st</sup> and NOT February 1<sup>st</sup>.

The Travel Grant can only be submitted once a trainee can provide confirmation of an oral talk or poster presentation at the conference or symposium they will attend. **Applications to Grants and Awards competitions which are submitted late, incomplete, or otherwise not meeting the Institute's requirements, will be returned to the applicant without being processed or reviewed.** CHRIM requires all applicants to review and complete the appropriate application checklist prior to submitting their application.

Applicants and their supervisors must indicate other sources of travel funding on the application. Priority will be given to applicants who do not have other sources of funding. The applicant may not claim expenses for income tax purposes if those expenses are paid by the Institute. Receipts will not be returned. If it is necessary to split expenses with another organization, the applicant must discuss this in advance by contacting the Grants Administrator.

## 8.3 Funding

Members may receive one \$1,500 award per calendar year to use for one trainee whom they primarily supervise; however, two trainees who are supervised by the same CHRIM member and are presenting at the same conference can share the \$1,500 award (\$750 will be awarded to each trainee). The award is granted prior to travel, and expenses are claimed afterwards by submitting original receipts with a travel expense claim form.

Expenses which qualify for reimbursement include:

- return economy airfare;
- flight cancellation insurance;
- hotel or AirBnB accommodation;
- abstract review fee;
- meeting registration fee;
- meals (if not included in meeting registration), to a maximum of \$40 per day (with original receipts); and
- ground transportation, to a maximum of \$100 per meeting.

The Institute reserves the right to review individual expenses and adjust claims if deemed excessive. Applicants are strongly encouraged to minimize expenses by utilizing advance fares, and sharing accommodations and ground transportation. Original receipts must be provided or the expense will not be reimbursed.

Expenses which will **not** be reimbursed include:

- alcoholic beverages;
- items identified as mini-bar expenses;
- telephone or FAX charges;
- personal items, gifts and entertainment;
- companion's expenses.

## 8.4 Application Materials

The application must be completed on the appropriate form, available through [www.chrim.ca](http://www.chrim.ca).

It is the responsibility of the applicant to provide clear and concise answers to all questions on the form, and to submit the required supporting documents.

A complete application consists of:

- the Travel Grant Checklist and Application form including the CHRIM Member/Supervisor's signature;
- a brief paragraph (included in the application) explicitly outlining the relevance of research to child health and outlining how this conference will enhance the trainee's professional development;
- the meeting abstract; and
- the letter of acceptance for poster or oral presentation.

**Due to the online submission form, applicants DO NOT need to email an electronic version of the complete application, to [grantsadministrator@chrim.ca](mailto:grantsadministrator@chrim.ca). However, all attachments should be uploaded and signature pages must be signed.**

## 8.5 Deadline and Notification

Applications, including attachments, are due the first of every month and at least 6 weeks before departure date. If the timing is a problem, you will need to discuss this with the Grants Administrator prior to applying.

If there is difficulty in meeting the deadline, the applicant must contact [grantsadministrator@chrim.ca](mailto:grantsadministrator@chrim.ca).

Following review, the Chair of the Travel Committee will provide feedback to all applicants, along with the decision letter. All decisions respecting applications for support are final and binding and not subject to appeal. Applicants will be notified of the results within 1 month after submission.

## 9. Undergraduate Summer Studentships

### 9.1 Purpose

Funding is available for undergraduate university or college students conducting research in Manitoba, supervised by a CHRIM member. Summer Studentship Awards are designed to provide exposure to career opportunities in child health research early in post-secondary education. NOTE: CHRIM offers additional funding for BSc Med and BSc Dent students. Students who qualify must apply to those competitions.

Funding for **Canadian** Indigenous (First Nations, Inuit, and Metis) students, is available for Undergraduate Summer Studentship applications.

### 9.2 Requirements

At the time of application, the applicant must be a full time student enrolled in a program at a postsecondary educational institution or have graduated from an undergraduate program within the last 6 months. Applicants with prior degree(s) or diploma(s) will be considered if they are enrolled in another undergraduate program at the time of application. Students who are in graduate school at the time of application are ineligible for a CHRIM Undergraduate Studentship.

It is the responsibility of the student to find a supervising CHRIM Member. Students are encouraged to start their search no later than six months before the application deadline, to allow adequate time to meet potential supervisors and discuss projects. A partial list of supervisors is available at [www.chrim.ca](http://www.chrim.ca). Supervisors are encouraged to identify distinct child health related projects for the student, with clear and attainable research training objectives for the supported timeframe.

Members should give careful consideration to submissions that are to be supported with Small Grant or Operating Grant applications submitted in the same season. Funding for the research to be conducted should be secured when applying for a Studentship Award. In the interest of the student, the Institute reserves the right to refuse studentship funding if evidence of adequate resources to conduct the research cannot be provided.

OFFICIAL university transcripts are required to be sent directly to the Institute. Two Letters of Reference must be confidentially emailed directly to [grantsadministrator@chrim.ca](mailto:grantsadministrator@chrim.ca) by the references (limited to 2 pages each); **supervisors cannot act as references**, but they DO need to send a separate letter of support (limited to 2 pages). Applicants should request that their supervisor include in this letter such issues as the viability of the project, how the student presented during the meeting with the supervisor, why the student would be an asset to the lab and the supervisor's expectations of the student – in other words, **information about the applicant** and not just the project. The applicant is responsible for following up with the Grants Administrator to confirm that the documentation has been received on time. Other Letters of Support are required, at a minimum, from the supervising Member as well as the Leader of the Research Theme, if applicable.

## 9.3 Funding

The current stipend for each award is \$7,000 (paid directly to the summer student), for a minimum of 12 weeks of full time (35 hours/week) summer employment. Due to the popularity of this program, **supervisors may nominate only one student per competition**. Students may apply for a maximum of two studentships during their undergraduate studies.

Should successful CHRIM summer studentship recipients obtain a concurrent non-CHIRM award at the same time and the amount is less than \$7,000, CHRIM will top up this funding to reach the maximum amount of \$7,000. Students must notify CHRIM as soon as possible of any other awards received.

## 9.4 Assessment Criteria

The Grants and Awards Committee will assess all applications that answer to the submission requirements. The chief criteria used by the Committee for these awards are:

- academic achievement, taking into account course load and course difficulty among applicants;
- the quality of the research training environment;
- identification of a specific project or projects on which the trainee will be working;
- detailing of mentoring plans; and
- Related volunteer and/or work experience in research.

Students can only apply to one supervisor. Supervisors may only have one student apply for a studentship. Students cannot hold employment with the supervisor listed on the application.

## 9.5 Application Materials

Applications must be typed using letter-quality print, single-spaced type with font-size no smaller than 11 point, Arial. Unopened OFFICIAL University transcripts must be sent directly to the Institute. These will be scanned by the Grants Administrator and kept with the final PDF application.

### Applications must include:

- the Summer Studentship Application form;
- OFFICIAL university transcripts (sent directly to CHRIM – \*see below);
- two Letters of Reference (must be confidentially emailed directly to [grantsadministrator@chrim.ca](mailto:grantsadministrator@chrim.ca) by the references);
- a letter of support from the applicant's potential supervisor;

- Theme Letter (if applicable);
- the Summer Studentship Checklist, signed by both the applicant and the supervisor.

**Due to the online submission process ALL materials that CAN be uploaded should be. Exceptions will be Letters of Reference (must be emailed directly to [grantsadministrator@chrim.ca](mailto:grantsadministrator@chrim.ca) by the references) and Official Transcripts.**

\*Official Transcripts may be confidentially emailed to [grantsadministrator@chrim.ca](mailto:grantsadministrator@chrim.ca) directly from the post-secondary institution ~ OR ~ SEALED hard copies can be sent by mail to the Grants Administrator:

Children's Hospital Research Institute of Manitoba  
ATTN: Grants Administrator  
Room 513 John Buhler Research Centre  
715 McDermot Avenue Winnipeg, Manitoba R3E 3P4

## 9.6 Deadline and Notification

Applications must be submitted by 3:00 PM CST/CDT on the deadline date or the application will not be reviewed. Exact deadlines can be found in Section 5 of this Guide. Applicants must make sure their submission is complete. Incomplete applications will not be processed.

Following review of the rankings and funding decisions, the Grants and Awards Committee will provide feedback to all applicants, along with the decision letter. All decisions respecting applications for support are final and binding and not subject to appeal.

Applicants and supervisors will be notified of the results of the competition by mid-April. Successful applicants are expected to commence in May of the year of application.

**Students must indicate acceptance of the award by returning the requested paperwork outlined in their award letters within 14 days.**

## 9.7 Reporting Requirements

Summer Students are expected to present their research at Research Rounds by the end of the season. If projects are delayed students are expected to present work in progress.