Arthur B. McDonald
Canadian Astroparticle Physics Research Institute

Application Form for HQP Pooled Resources Round 3 (ALL Students)

Section A:

Supervisor (Applicant) Details

Supervisor Name:	
Supervisor Position Title:	
Co-Applicant(s):	
Institution(s):	

Position Details Being Proposed

Position Type:
☐ Ph.D. Student ☐ Master's Student ☐ Undergraduate Student

Anticipated (Annual) Salary: *(expected to be higher than the requested support)*	

Expected Other Sources of Funding and Value (e.g., Teaching Assistant position, NSERC funds): Briefly describe the expected source(s) of the funds (or lack thereof) used to top up the annual salary above the requested amount in this proposal. ***Note: even if there are no other sources of funding, please provide clarity on the circumstances at your institute regarding a lack of e.g., teaching assistant position support.***

Total (Annual) Funds Requested from the McDonald Institute **(Please enter the total amount requested per year e.g. $xx/year)**:	

Length of Position (max 24 months):	

Name of Candidate (if known):	

Anticipated Start Date:	

Position Focus (select all that apply from the McDonald Institute thematic areas):
☐Astrophysics ☐Cosmology ☐Dark Matter Physics ☐Detector Development ☐Low-Background Techniques ☐Multi-Messenger Physics ☐Neutrino Physics ☐Underground Engineering OTHER:

Research Stream (select as appropriate):
☐Theoretical ☐Experimental

Send completed application to admin@mcdonaldinstitute.ca with the subject line "HQP Pooled Resources Round 3 – {Supervisor Last Name}".

Section B has a 2-page limit.

Section B: You may change the formatting of this section; however, it must stay within **2-page limit** (size 12 Times New Roman font, single-spaced) and be organized into the bolded headers in the order presented below.

1. **Scientific case**
   Provide a scientific overview for the proposed position.

   Describe how the proposed position is well aligned with the research goals of the McDonald Institute; refer to the document entitled "Alignment with McDonald Institute Research Strategy (*Version 2026-10-01*)", available on the website.

   Explain how this position will fill an essential role in the pursuit of your scientific goals and help affect the scientific progress of the McDonald Institute research areas (e.g., describe the student's project and the need for this work to be completed).

2. **Research group**
   Explain how the position fits within your research focus area and is necessary for your research group. Include details on the size and focus of your current group. *Do not catalogue your research members beyond academic program (e.g. do not include demographic descriptors, rather use current academic level).*

3. **Equitable and inclusive research community and environment**
   Describe how you will create and sustain an equitable, diverse, and inclusive research environment that supports meaningful participation, development, and success of all research team members, including those from equity-deserving groups. Using relevant indicators from the Diversity and Equity Assessment Planning DEAP Tool for Researchers (or an equivalent tool or framework), please describe in detail practices or approaches you will or have implemented within your research environment. Depending on your research context, these may include equitable recruitment and hiring; training, mentorship, and professional development for HQP; inclusive research culture and team practices; accessibility and accommodation; caregiver supports; equitable access to opportunities and resources; retention and sustainment strategies; or other relevant equity tool indicators. Focus on the concrete actions you will take, why they are appropriate for your research environment, and how they will contribute to equitable participation and success of HQP.

4. **Training and mentoring**
   Describe the training/mentorship opportunities that will be available to the candidate.

   How will the candidate engage with the McDonald Institute researchers and research areas (e.g. they will attend seminar series, participate in professional development and learning opportunities, engage in outreach events, etc.)?

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Review Matrix for HQP Pooled Resources: Graduate Students
Reviewer Name:
Application Number:
Applicant Name:

Criteria	Score: 0–5	Weight	Notes
The focus area of the position is relevant to the McDonald Institute and fills a gap in the available expertise. Refer to Alignment with McDonald Institute Research Strategy.	[0-2]	3	Only applications with alignment (score >0) will be considered.
Measure of scientific importance and feasibility of proposed research.		3	
The position is needed to enhance the capability of the research group.		2	
The position will offer unique training/mentorship opportunities for the incumbent.		2	
The applicant describes how the incumbent will be linked to the McDonald Institute community to share results and link their findings to the McDonald Institute.		1	
Measure (see below) of applicant's efforts to foster an equitable research environment, strategies for attracting diverse candidates, inclusive training opportunities, and approaches to providing necessary accommodations.		1	Pass/Fail (0 = Fail), otherwise only used for tie-breaking.
The proposed funding request and consideration of other sources of funding is reasonable.		0.4	
Total Weighted Score		**/48+5**	

General Scoring [0-5]
0 Did not address the criteria
1 Provided partial information, but it was minimal and the case being made was weak.
2 Provided adequate information, but the case being made was weak.
3 Provided partial information, but the case being made seems strong.
4 Provided adequate information and the case being made is strong
5 Provided adequate information and the case being made is excellent.

Alignment score [0-2]
0 – No alignment
1 – Some alignment
2 – Clear alignment

I-EDI Criteria:
0 Does not address the criteria: No relevant information provided.
1 Minimal response with weak justification: Provides limited information, lacking detail or a compelling case.
2 Adequate response with weak justification: Addresses the criteria but does not effectively demonstrate impact or commitment.
3 Partial response with strong justification: Some aspects are well-developed, and the rationale is strong, but key details are missing.
4 Adequate response with strong justification: Clearly addresses all aspects, demonstrating a solid commitment with well-supported reasoning.
5 Comprehensive response with excellent justification: Provides a thorough, well-articulated case with clear evidence of impact, commitment, & wise practices.

The applicant stayed within the page limit: (yes/no)

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