

Faculty of Science Interdisciplinary Research Grant

This is a call for “Faculty of Science Interdisciplinary Research Grant” proposals. The purpose of these grants is to stimulate **interdisciplinary research collaborations that initiate research in new directions**. Collaborations can be between two or more faculty members within the Faculty of Science at University of Manitoba (UM), or across Faculties at the UM as long as the PI is a Faculty of Science faculty member. “Interdisciplinary” is broadly defined and may be found within departments, across departments, and across faculties.

A proposal will typically request between \$3K and \$12K. Budget/funds requested must be well justified. Any unspent funds will be returned to the Faculty of Science at the end of the grant. Extensions will be granted only in exceptional circumstances.

Student Support: Should the proposers wish to support an undergraduate summer research student who would be *jointly* supervised on the project, they can ask for up to \$3,750 in funding to support the student through their proposal, with top up coming from their own funding (employment period and funding levels commensurate with the FoS USRA program). Similarly, should the proposers wish to support a Graduate student *jointly* co-advised by two or more interdisciplinary faculty, up to \$7,000 in graduate student support can be requested through this proposal, with the top up coming from their own funding.

Collaborations with other Faculties: For co-applicants with appointments in Faculties other than Science, please share the application with the respective Associate Dean-Research, as some Faculties have kindly offered to contribute up to 1/3 of the funding for projects involving their researchers.

SUBMISSION GUIDELINES AND CRITERIA

The intended goal of these grants is to stimulate new interdisciplinary research collaborations. Funds can directly support research designed to explore a new area of interdisciplinary research with the goal of developing cohesion between researchers who are considering forming enduring interdisciplinary collaborations/research groups/centers. These funds *can be used* in conjunction with the University Collaborative Research Program. Criteria for selection include:

1. Strength (impact and originality) of the new research,
2. Interdisciplinary nature of the team and evidence that new collaborations are initiated or strengthened through this proposal,
3. Strength of project plan,
4. Appropriateness of budget request, and
5. Potential for future external funding to support future research in this area.

Applications will be reviewed by a panel of departmental representatives. Proposed collaborations with other Faculties will also be reviewed by the Associate Dean (Research) from those Faculties.

Proposals will be submitted to Ryan Sestric (Ryan.Sestric@umanitoba.ca). The deadline for submission is December 16th, 2024 at 4:30 PM.

APPLICATION FORMAT

COVER PAGE

Title of Proposal:

PI Name, PI Dept, PI position:

Co-I Names, Depts, positions

Abstract of Proposal (15 line maximum)

Dollar Request:

LETTER OF SUPPORT - REQUIRED if the proposed project involves collaborators from other faculties: Co-applicants from other faculties must provide a letter of support from their Associate Dean of Research.

PROPOSAL – All elements below are REQUIRED. Font size 11 minimum.

Scientific Background/Project Plan – maximum 2.5 pages – Provide an outline of the proposed research including background, rationale, objectives, milestones and outcomes (page limit includes figures and references).

Interdisciplinary Benefits – maximum 1/2 page - Explain the interdisciplinary nature of the research and identify potential future proposals for longer term external funding, student benefits, and any potential future educational programs that might arise.

Budget Request and Budget Justification – maximum 1 page – Indicate the total dollar amount requested. Include 1) a table outlining the allocation of requested funds, and 2) justification of budget items requested.

POST-AWARD ADMINISTRATION

The period of the grants will run from January 1, 2025 through December 31, 2025. A 2-page written report to the Faculty of Science Dean detailing the outcomes of funded projects at their conclusion is required. Successful applicants are encouraged to use the initial work to pursue future external funding opportunities. Faculty of Science Interdisciplinary Research Grant successful applicants may be asked to present on their projects at internal activities.