Faculty of Science Research Chairs in Fundamental Science  
Physical Sciences | Life Sciences | Mathematical and Computational sciences

This call is for applications for the Faculty of Science Research Chairs in Fundamental Science program. Three new Chairs are available to support research in each of the following areas: 1) physical sciences, 2) life sciences and 3) mathematical and computational sciences. The purpose of the Chair awards are to recognize and support researchers in the Faculty of Science that are conducting outstanding fundamental research in these areas. Applicants should have a track record comparable to candidates competing for Tier 1 or 2 Canada Research Chairs.

Each Chair award will be provided a research award of $20,000 per year for 3 years to support new and creative directions in fundamental research. Chair recipients will also receive 3 credit hours of teaching relief per year.

Recipients of this Chair award are not eligible for teaching relief that has been offered as part of the Faculty of Science COVID re-energization plan.

Deadline: Applications are due to Tanya Zacharias (tanya.zacharias@umanitoba.ca) by Monday May 17, 2021 at 4:30 PM.

The Faculty of Science intends to have future calls depending on available budget and program success.

Application guidelines

There is no formal nomination process. Candidates should instead self-identify and submit their applications directly to the Faculty of Science. Applications must include the following:

1) Cover page
   - Name of applicant, Department, and current position
   - Title of research proposal
   - Identify major research area (physical sciences, life sciences or mathematical and computational sciences; in the case of interdisciplinary research that crosses boundaries identify the main and secondary areas of impact clearly).
   - Proposal summary (150 words)

2) Full CV including h-index and total citations at the time of application (include the source of these calculations)

3) Description of research accomplishments and reputation at the national and international level (1.5 page maximum)

4) Research proposal1 (3 pages maximum – excluding references)

5) Figures (1 page maximum)
Notes:
1 The intention of these Chair awards is to enable new avenues of fundamental research. While the research proposal may have conceptual overlap with existing research, the proposal should clearly state how the chair will enable novel research that is not currently funded.

2 The budget should include a table anticipating how the funds will be allocated.

Eligibility:
1) All assistant professors, associate professors, professors, and distinguished professors whose primary appointments are in the Faculty of Science are eligible to apply.
2) Eligible applicants cannot concurrently hold a Canada Research Chair, NSERC Industrial Research Chair or Canada Excellence Research Chair.

Evaluation:
Depending on the research area identified, applications will be ranked by one or more panels selected by the Dean. Evaluations will be weighted as follows:
   40% on the applicant’s track record and
   60% on the research proposal, with a focus on originality and potential.
Evaluations/expectations will be appropriate for the career level of the applicant.
Decisions will be announced by June 18th 2021.

Post-award administration
Chairs will run from July 1, 2021 through June 30, 2024. A one-page written report to the Faculty of Science Dean detailing progress on the research proposal each year is required. After three years the chair holder will be asked to submit a more comprehensive three-page report detailing the research outcomes achieved.