

2023 Canadian Space Health Undergraduates Summer Research Award

The Research for Undergraduates in Space Health (RUSH) Award provides financial support for a research experience in the field of space health, addressing one or more health conditions identified as problematic for astronauts during spaceflight. Undergraduate students will work full-time on a research project for 12 consecutive weeks (to be held anytime between May 1 and August 31) with the supervision of a faculty member in an academic laboratory. We strongly encourage applications from members of any underrepresented groups (disclosable in the application form).

Deadline: Student applications (and letters of references) are due by 11:59 PM Pacific Standard Time (PST) on March 10, 2023.

Value

The CSHRNet is providing a total of \$3,000, paid over the 12-week research duration. Supervisors are required to match this contribution, bringing the students' total stipend to \$6,000.

Eligibility

- Students (Canadian or international) must be enrolled full-time in an accredited Canadian university in an undergraduate program, or be a recent graduate from an undergraduate program (any discipline). Note that students are not eligible if they are already enrolled in a graduate program; however, they are eligible if they have been accepted in a program of graduate studies but not starting before September 2023.
- Students must not have other commitments during the summer such as other internships or a heavy (more than 2) course load.
- Students must have obtained a minimum cumulative B average in the last two years of study (unofficial transcripts will need to be provided).
- Students must identify an eligible supervisor (academic faculty member working in an accredited Canadian university) providing the matching contribution to the stipend (as confirmed in the reference letter provided by the supervisor).
- The proposed research project must focus on a health-related issue relevant to space health research. A variety of research proposals may qualify for this award, including those focused on humans, animals, cells, public health, machine learning, and others relating to space health.
- The project must be conducted at an accredited Canadian university within Canada. If the research is not performed in the applicant's city, additional funding will not be provided to cover the expenses of travel and accommodations during their 12-week project.

Application process, requirements, and evaluation

Applicants are required to provide a complete [application form](#), **unofficial transcripts** (confirming the minimum cumulative B average in the last two years of study), and an **updated resume**. All material must be emailed to awards@canadianspacehealth.ca by March 10, 2023 at 11:59 PM Pacific Standard Time (PST).

In addition, applicants are required to arrange for two letters of references, which will be emailed directly by the referees to awards@canadianspacehealth.ca. One letter must be provided by the proposed supervisor who, in addition to commenting on the proposed project and the student's skills and experience, will confirm the matching contribution of \$3,000 to the student's stipend and the source of it. A second letter of reference must be provided by a faculty member or employer who can comment on academics, work qualifications, and/or personal qualities and soft skills of the student.

Applications will be evaluated by the selection committee on (a) quality and significance of the research proposal, (b) applicant's academic record and experience as reported in the CV, and (c) letter of references.

Students receiving the award will be required to submit by September 15, 2023 a one-page summary describing the project's findings and their potential scientific impact.

Important dates:

- Deadline: student applications (and two letters of references) must be submitted by March 10, 2023 at 11:59 PM Pacific Standard Time (PST).
- Students will be notified of the award on April 1, 2023.
- Students will be required to accept the award by April 15, 2023.
- The award period will run between May 1 and August 31 (12 weeks).