

CIHR: Understanding the Health Impact of Inactivity - Operating Grant

Sponsor

Institute of Aging (IA), Institute of Circulatory and Respiratory Health (ICRH), Institute of Musculoskeletal Health and Arthritis (IMHA), in partnership with the Canadian Frailty Network (CFN) and the Canadian Space Agency (CSA)

Description

The Understanding the Health Impact of Inactivity funding opportunity is the first component under the CIHR Transitions in Care Initiative (link to come), aimed at improving the health and wellness of Canadians by supporting research that informs the health system to optimize the outcomes of patients experiencing transitions in care.

Inactivity studies require individuals to spend a certain amount of time in a bed with the head tilted down slightly (6 degrees). While the impact of bed rest inactivity is known to be detrimental in older individuals, having an impact on nearly all systems – including the cardiovascular and respiratory systems, as well as musculoskeletal health – very little is known about the effect of exercise countermeasures.

This funding opportunity is to support an inactivity study including a countermeasure intervention study involving older adults (55-65) for which all basic infrastructure costs, including standardized measurements on participants (such as described in the [Guidelines for Standardization of Bed Rest Studies in the Spaceflight Context \[PDF \(5.3 MB\) - external link \]](#) [1]), a medical team, and surveillance on site (at a specific bed rest facility), which will be covered by the Canadian Space Agency (CSA). The successful applicants' research projects will run in parallel and will all be integrated into an overall coordinated protocol. A planning workshop will be held in January or February 2019 (*date to be confirmed*) in order to coordinate the protocols.

The ultimate goals of this call are to develop solutions for:

- Older adults experiencing periods of inactivity in order to inform transitions in care and/or improve their quality of life.
- Astronauts in order to stay in good health during spaceflights and during their extended stays in the International Space Station, as well as in the foreseen deep space exploration program.

Eligibility

The Nominated Principal Applicant must be an [independent researcher](#) [2] appointed at an eligible institution.

Funding Availability

The total amount available for this funding opportunity is \$1,600,000, enough to fund approximately 8 grants.

Maximum Project Value

Maximum amount per grant is \$200,000.

Indirect Costs

0%

Project Duration

Up to 18 months.

Deadlines

If College-level review is required, your College will communicate its earlier internal deadlines.

Type	Date	Notes
External Deadline	Tuesday, July 24, 2018 - 8:00pm	Registration: NPA to submit registration [3] to CIHR using on line application system ResearchNet . [4] You must click “ Submit to CIHR ” to send your registration
Internal Deadline	Tuesday, August 14, 2018 - 11:59pm	Application: NPA to submit copy of application, routing slip and signature pages along with completed OR5 form to: research.services@uoguelph.ca
External Deadline	Tuesday, August 21, 2018 - 8:00pm	Application: NPA to submit

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Type	Date	Notes
		application [3] electronically to CIHR via ResearchNet [4].

For Questions, please contact
CIHR Contact Centre
Telephone: 613-954-1968
Toll Free: 1-888-603-4178
Email: support@cihr-irsc.gc.ca [5]

Office of Research

Ornella McCarron, Grants Officer
Research Services Office
519-824-4120 x52832
omccarro@uoguelph.ca [6]
Alert Classifications **Category:**
Funding Opportunities and Sponsor News

Disciplines:

Health and Life Sciences
Social Sciences

Source

URL: <https://www.uoguelph.ca/research/alerts/content/cihr-understanding-health-impact-inactivity-operating-grant-0>

Links

- [1] https://www.nasa.gov/sites/default/files/atoms/files/bed_rest_studies_complete.pdf
- [2] <http://www.cihr-irsc.gc.ca/e/34190.html#r6>
- [3] <https://www.researchnet-recherchenet.ca/rnr16/vwOpprtntyDtIs.do?prog=2866&view=currentOpps&type=EXACT&resultCount=25&sort=program&next=1&all=1&masterList=true>
- [4] <https://www.researchnet-recherchenet.ca/rnr16/LoginServlet?language=E>
- [5] <mailto:support@cihr-irsc.gc.ca>
- [6] <mailto:omccarro@uoguelph.ca>