

## **CIHR: Understanding the Health Impact of Inactivity Operating Grant**

### **Sponsor**

Canadian Institutes of Health Research (CIHR), 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.

The present 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), 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.

### **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 enough to fund approximately 8 grants.

## Maximum Project Value

\$200,000 per grant

## Indirect Costs

0%

## Project Duration

18 months

## Deadlines

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

Type	Date	Notes
<b>External Deadline</b>	Tuesday, July 24, 2018 - 8:00pm	<b>Registration:</b> PI to complete the registration, following the instructions in the <a href="#">Grants – Registration Guidelines</a> [3] along with any additional <a href="#">instructions found under "Specific Instructions"</a> . [4] on the CIHR website.
<b>Internal Deadline</b>	Tuesday, August 14, 2018 - 4:04pm	<b>Full Application:</b> PI to submit a copy of application, routing slip and signature pages along with a complete OR5 form to: <a href="mailto:research.services@uoguelph.ca">research.services@uoguelph.ca</a>
<b>External Deadline</b>	Tuesday, August 21, 2018 - 8:00pm	<b>Full application:</b> PI to complete full application, following the instructions in the <a href="#">Grants – Application Guidelines</a> [5] along with any additional instructions found on the <a href="#">CIHR website</a> [4] under "Specific Instructions".

Type	Date	Notes
		All participants listed (other than Collaborators) will require a <a href="#">CIHR PIN</a> [6].

## Information For Co-applicants

If you need to meet a deadline set by the lead institution for this opportunity, please ensure that you provide the Office of Research with at least five days in advance of the lead institution's deadline to review the application, or your proposed component of the project. Please be in touch with the Office of Research (contact information below) ahead of the deadline if it looks like it will be difficult for you to submit all the required documentation on time (i.e. budget, proposal, OR-5 Form).

For Questions, please contact  
CIHR Contact Centre  
Telephone: 613-954-1968  
Toll Free: 1-888-603-4178  
Email: [support@cihr-irsc.gc.ca](mailto:support@cihr-irsc.gc.ca) [7]

### Office of Research

Ornella McCarron, Grants Officer  
Research Services Office  
519-824-4120 x52832  
[omccarro@uoguelph.ca](mailto:omccarro@uoguelph.ca) [8]  
Alert Classifications**Category:**  
Funding Opportunities and Sponsor News

### Disciplines:

Health and Life Sciences  
Social Sciences

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### Source

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

### Links

- [1] [https://www.nasa.gov/sites/default/files/atoms/files/bed\\_rest\\_studies\\_complete.pdf](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] <http://www.cihr-irsc.gc.ca/e/50453.html>
- [4] <http://www.researchnet-recherchenet.ca/rnr16/vwOpprtntyDtls.do?prog=2866&view=currentOpps&type=EXACT&resultCount=25&sort=program&next=1&all=1>

&masterList=true#howtoapply

[5] <http://www.cihr-irsc.gc.ca/e/50454.html>

[6] <http://www.cihr-irsc.gc.ca/e/38201.html>

[7] <mailto:support@cihr-irsc.gc.ca>

[8] <mailto:omccarro@uoguelph.ca>