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# Announcements

## New announcements

1. **ORS Staff change for FSSH, FEd and FBIT**: [Kamla Ross-McGregor](mailto:kamla.rossmcgregor@ontariotechu.ca) will be leaving Ontario Tech as of Friday, October 28, 2022. Ewa Stewart will be returning from maternity leave in mid-November.

**From October 31 - mid-November, Grants Officer Contacts are as follows:**

* BIT & FEAS – [Joanne Hui](mailto:joanne.hui@ontariotechu.ca)
* SSH, Ed, HSci & Sci – [Raluca Dubrowski](mailto:raluca.dubrowski@ontariotechu.ca)

1. **What the deal with Data Management?** Sessions hosted by Ontario Tech’s Library.10: 10 am – 11:00 am [Oct. 21, Nov. 9, Dec. 2, 2022.](https://ontariotechu.ca/sites/library/about/workshops-and-events.php)

## Reminders

1. [Research Data Management Plans now required](#_Research_Data_Management) for specific Tri-agency funding opportunities.
2. **Research Data Management Strategy**: **Panel Discussions**. :**Panel 2**: Working through the planning stage of developing an institutional RDM strategy, [Friday, October 21, 2022](https://engagedri-ca.zoom.us/w/89596856879?tk=Wf4WFTciCpzponI0dyMbXneIgTZ4_yrVtXYJoNb-tUY.DQMAAAAU3GOKLxZyYkw1U2dYX1FWLVdUNmlDZ0lSYjdnAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA&pwd=bTNSSk54Wm92VXpoTkQ2dDVLaFBGUT09&uuid=WN_VbNQGpeySCGjuFfiRbP4Rg#success). Passcode: 236999. **Panel 3:** Working through the drafting stage of developing an institutional RDM strategy, F[riday, November 4, 2022](https://engagedri-ca.zoom.us/w/88572468536?tk=jrgdtjputlCEeHN99_F9Y00QGxQ7id_kly1qlGvnR44.DQMAAAAUn1SdOBZweThISjQ5UlEwV001Z2Qyby1UTVVnAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA&pwd=MzRGSnNXM0V3VkZvTkxybldlcXV4Zz09&uuid=WN_orguT5h6RIefAcQyUTey1Q). Passcode: 314774
3. **NSERC** announcement on its new [Guide on integrating equity, diversity and inclusion considerations in research](https://www.nserc-crsng.gc.ca/NSERC-CRSNG/Policies-Politiques/EDI_guidance-Conseils_EDI_eng.asp).
4. **NSERC** Alliance [guide on integrating equity, diversity and inclusion](https://www.nserc-crsng.gc.ca/innovate-innover/alliance-alliance/edi_training-edi_formation_eng.asp) in a research training plan.

# Funding Opportunities

Grants Officers will provide administrative review of grant applications to ensure completeness with agency guidelines and assist with institutional signatures.**Submit your proposal for administrative review a minimum of five business days** **before the agency deadline.**

**Note:** To learn about internal ORS information, deadlines and requirements, open the word version of this bulletin and click on **‘Internal ORS Info.’**

## **New this month**

|  |  |  |
| --- | --- | --- |
| **Agency-Program** | **Internal Deadline** | **First Agency Deadline** |
| 2023 [CIFAR Azrieli Global Scholars Program](https://cifar.ca/next-generation/global-scholars/)   * [ORS Internal deadline info](#_2023_CIFAR_Azrieli) | October 19, 2022 | October 25, 2022 |
| **CIHR** [Catalyst Grant: Healthy Youth](https://www.researchnet-recherchenet.ca/rnr16/vwOpprtntyDtls.do?prog=3765&view=currentOpps&org=CIHR&type=EXACT&resultCount=25&sort=program&all=1&masterList=true&language=E) | November 8, 2022 | November 15, 2022 |
| 2022 UNENE Call for Research Collaborative Project Proposals   * [ORS Internal Deadline information](#_2022_UNENE_Call). Contact [Joanne Hui](mailto:joanne.hui@ontariotechu.ca) for more information. | November 8, 2022 | November 15, 2022 |
| RFP – CCRF – [Research funding for World Spine Day](https://canadianchiropracticresearchfoundation.ca/research-request-for-proposal/) | November 10, 2022 | November 16, 2022 |
| **CIHR** [Team Grant: THINC Implementation Science Team Grants](https://www.researchnet-recherchenet.ca/rnr16/vwOpprtntyDtls.do?prog=3734&view=currentOpps&org=CIHR&type=EXACT&resultCount=25&sort=program&next=1&all=1&masterList=true) | November 24, 2022 | November 29, 2022 |
| [Lab2Market](https://drive.google.com/file/d/1N94N48JK1rzKJU1qjKXZo-uBnHvIFW-d/view) NSERC I2I Market Assessment Grant   * Contact [Alla Darwish](mailto:alla.darwish@ontariotechu.ca) if you are interested in applying | November 29, 2022 | December 2, 2022 |
| **NSERC-CNSC** [Small Modular Reactors Research Grant Initiative](https://www.nserc-crsng.gc.ca/Innovate-Innover/CNSC-CCSN_eng.asp). To support initiatives that will increase capacity of SMRs and enhance the capabilities of universities to undertake research related to SMRS   * [ORS Internal Deadline information below](#_NSERC-CNSC_SMR_Research) | December 6, 2022 | December 13, 2022 |

## **Current Funding Opportunities**

|  |  |  |
| --- | --- | --- |
| **Agency-Program** | **Internal Deadline** | **First Agency Deadline** |
| **SSHRC** [Connections Grants](https://www.sshrc-crsh.gc.ca/funding-financement/programs-programmes/connection_grants-subventions_connexion-eng.aspx) | October 26, 2022 | November 1, 2022 |
| **SSHRC** [Partnership Development Grant](https://www.sshrc-crsh.gc.ca/funding-financement/programs-programmes/partnership_development_grants-subventions_partenariat_developpement-eng.aspx) | November 9, 2022 | November 15, 2022 |
| **SSHRC** [and CMHC National Housing Strategy Longitudinal Outcomes Research Grant](https://www.cmhc-schl.gc.ca/en/professionals/project-funding-and-mortgage-financing/funding-programs/all-funding-programs/longitudinal-outcomes-research)  [ORS Internal Deadlines](#_SSHRC_and_CMHC) | November 16, 2022 | November 22, 2022 |
| **CIHR** [Team Grant: THINC Implementation Science Team Grants](https://www.researchnet-recherchenet.ca/rnr16/vwOpprtntyDtls.do?next=1&prog=3734&resultCount=25&terms=THINC&type=EXACT&view=search&language=E) | November 23, 2022 | November 29, 2022 |
| **NSERC** - [German Research Foundation (DFG) call for proposals on Sustainable Processes and Chemistry](https://www.nserc-crsng.gc.ca/Innovate-Innover/DFG-DFG/index_eng.asp) | November 30, 2022 | December 7, 2022 |
| **SSHRC** [Knowledge Synthesis Grant](https://www.sshrc-crsh.gc.ca/funding-financement/programs-programmes/ksg_sdpm-ssc_edpm-eng.aspx) – Shifting Dynamics of Privilege and Marginalization   * [ORS Internal Deadlines](#_SSHRC_Knowledge_Synthesis) | December 9, 2022 | December 15, 2022 |
| **NSERC** [Research Tools and Instruments](https://www.nserc-crsng.gc.ca/professors-professeurs/rtii-oiri/rti-oir_eng.asp)  [Internal ORS deadlines below](#_NSERC_Research_Tools). | October 19, 2022 | October 25, 2022 |
| **CIHR** and JDRF – [Diabetes, Psychosocial Health, Prevention and Self-Management](https://www.researchnet-recherchenet.ca/rnr16/vwOpprtntyDtls.do?prog=3704&view=currentOpps&org=CIHR&type=EXACT&resultCount=25&sort=program&next=1&all=1&masterList=true) | November 4, 2022 | November 11, 2022 |
| **CIHR** and JDRF – [Diabetes, Psychosocial Health, Prevention and Self-Management](https://www.researchnet-recherchenet.ca/rnr16/vwOpprtntyDtls.do?prog=3704&view=currentOpps&org=CIHR&type=EXACT&resultCount=25&sort=program&next=1&all=1&masterList=true) | November 5, 2022 | November 11, 2022 |
| OVIN Ontario Grant for SMEs – [Round 2](https://www.ovinhub.ca/programs-overview/) | November 10, 2022 | November 16, 2022 |
| [National Housing Strategy Longitudinal Outcomes Research Grant](https://www.cmhc-schl.gc.ca/en/professionals/project-funding-and-mortgage-financing/funding-programs/all-funding-programs/longitudinal-outcomes-research) | November 16, 2022 | November 22, 2022 |
| **NSERC** [Special response funds for Trainees (Ukraine)](https://www.nserc-crsng.gc.ca/Professors-Professeurs/Grants-Subs/SRFT-FSAS_eng.asp#app) | December 6, 2022 | December 12, 2022 |

## **Ongoing Opportunities – No Deadline**

**Notify ORS of your intention to apply a minimum of 2-3 weeks before you intend to submit your proposal.**

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| --- |
| **Agency-Program** |
| **City Studio Durham:** [**matching students with real-world projects**](https://www.durham.ca/en/citystudio/index.aspx)   * Contact [Danielle.Saney@ontariotechu.ca](mailto:Danielle.Saney@ontariotechu.ca) |
| **Teaching City Oshawa:** [**addressing Oshawa’s urban issues through research and innovation**](https://www.oshawa.ca/teaching-city.asp)   * Contact [Danielle.Saney@ontariotechu.ca](mailto:Danielle.Saney@ontariotechu.ca) |
| **NSERC Alliance**   * [NSERC Alliance](https://www.nserc-crsng.gc.ca/innovate-innover/alliance-alliance/index_eng.asp) – [Internal ORS Info.](#_CIHR_Operating_Grant:) * [NSERC Alliance International](https://www.nserc-crsng.gc.ca/Innovate-Innover/AllianceInternational-AllianceInternational/index_eng.asp) – [Internal ORS Info.](#_NSERC_Alliance_International) |
| **Mitacs - Most MITACS Applications are on hold until further notice.**   * [~~Mitacs Accelerate~~](https://www.mitacs.ca/en/programs/accelerate) ~~-~~ [~~Internal ORS Info.~~](#_Mitacs_Accelerate) * [~~Mitacs Accelerate: Connecting SMEs with AI~~](http://discover.mitacs.ca/artificial-intelligence-assessment/) * [~~Mitacs Business Strategy Internship (BSI)~~](https://www.mitacs.ca/en/programs/business-strategy-internship) * [~~Mitacs Entrepreneur International~~](https://www.mitacs.ca/en/programs/entrepreneur-international) * [~~Mitacs Globalink Research Award (GRA)~~](https://research.ontariotechu.ca/mitacs-globalink-research-award-gra.php) * [Joint NSERC Alliance – Mitacs Accelerate Streamlined Funding](https://www.nserc-crsng.gc.ca/Innovate-Innover/NSERC-Alliance-Mitacs_eng.asp) (Still available) |
| **Cisco Research** [**– Research Grants**](https://research.cisco.com/research-grants/RFP-21-05)   * Quantum Computing and Networking * Tech for Healthcare * Edge Computing * Future of Work |
| **Canada Space Agency** - [Programs](https://www.asc-csa.gc.ca/eng/funding-programs/programs/default.asp)   * Flights and Fieldwork for the Advancement of Science and Technology (FAST) * Space Data Utilization * Space Exploration * Research and Development * International opportunities |
| **Government of Canada Department of National Defence (DND)**  [**DND** Innovation for Defence Excellence and Security **(IDEaS) Program**](https://www.canada.ca/en/department-national-defence/programs/defence-ideas/current-opportunities.html) |
| **Ontario Centre for Innovation (OCI)**  To drive commercialization of intellectual property   * [Voucher for Innovation and Productivity](https://www.oc-innovation.ca/program-nav/voucher-for-innovation-and-productivity-vip/) * [OCI TalentEdgeInternship Program (TIP) - NGNP](https://www.oc-innovation.ca/programs/talentedge-internship-program-tip-ngnp/) * [OCI TalentEdge Fellowship Program (TFP) - OVIN](https://www.oc-innovation.ca/programs/ontario-vehicle-innovation-network-ovin/) * [Joint NSERC Alliance – OCI VIP Funding](#_NSERC_Alliance_–) |
| **Gates Foundation** [Global Grand Challenges Grants](https://gcgh.grandchallenges.org/challenges) |
| **RBC**: [Youth Mental Well-being Grants](https://www.rbc.com/community-social-impact/apply-for-funding/youth-mental-wellbeing-guidelines.html) |
| **Honda Canada** [Foundation Grants](https://forms.benevity.org/14addae7-0ebd-46b0-83a0-f9e193b6ccd1?lang=en-us)   * [Internal ORS Info.](#_Honda_Canada_Foundation) |
| **IC-IMPACTS:** [Innovative Technology Demonstration Projects](https://ic-impacts.com/call-for-proposal/innovative-demonstration-initiative/) |
| **Institute for Catastrophic Loss Reduction**: [Building resilient communities](https://www.iclr.org/researcher/) |
| **Ontario Health Data Platform:** The Challenge Questions Initiative on  COVID-19. [Expressions of Interest](https://ohdp.ca/submitting-expression-of-interest/) |
| **Government of Canada Multi-sectoral Partnership**s [to Promote Health Living and Prevent Chronic Disease](https://www.canada.ca/en/public-health/services/funding-opportunities/multi-sectoral-partnerships-promote-healthy-living-prevent-chronic-disease.html)   * [Internal ORS Info.](#_Transport_Canada,_Clean) |
| **The National Geographic Society**: [Research and Exploration Grant Application](https://www.nationalgeographic.org/society/grants-and-investments/); [Internal ORS Info.](#_Spencer_Foundation,_Initiative)  Current topics include:   * AI for Earth Innovation * Equity and the Natural World * Enduring Impacts: Archaeology of Sustainability |
| **SOSCIP Collaborative R&D projects** [for academia and industry partners](https://www.soscip.org/soscip-application-guide/) |
| **Max Bell Foundation:** [Project and Development Grants](https://maxbell.org/our-work/granting/types-programs/)   * Environment * Health and Wellness * Education * Improving indigenous health * Impact of Tech on society |

# ORS – Internal processes, information and contacts

## Grant Submission Process

**Step 1 - Notification of Intent to Apply:**  Engage the ORS as early as possible in planning to submit any grant applications. Your Grants Officer can support your application development and ensure your proposal aligns with program guidelines and internal university policies.

**Step 2 (Optional) - Comprehensive Proposal Review**: If you would like a comprehensive review of your grant application, submit it to the appropriate Grants Officer **three weeks to one month** in advance of the agency deadline, or according to the internal deadlines noted below.

**Step 3 - Administrative Review and Internal Approvals**: To ensure internal approvals, including required institutional signatures, we require faculty members to provide grant applications and the completed [Research Grant/Contract Authorization (RGA)](https://shared.ontariotechu.ca/shared/department/research/documents/policies-and-procedure-form/rga-form-e-signatures.docx) Form **a minimum of five business days** before the agency deadline. Grants Officers will provide administrative review of new grant applications to ensure completeness with agency guidelines and assist with institutional signatures.

## Internal Information regarding External Grants

Certain funding programs have limitations or specific application requirements. The Office of Research Services will promote specific grants that may include internal competition deadlines or other internal requirements. Faculty are strongly encouraged to review information posted by the ORS and to notify their Faculty Grants Officers regarding their intent to apply.

## Faculty Grants Officers - Contacts

FEAS – [Joanne Hui](mailto:joanne.hui@ontariotechu.ca)

FHSci, FSci – [Raluca Dubrowski](mailto:Raluca.dubrowski@ontariotechu.ca)

FBIT, FSSH, FED – [Kamla Ross McGregor](mailto:kamla.rossmcgregor@ontariotechu.ca) (Until October 28, 2022)

# Resources

## Equity Diversity and Inclusion (EDI)

* [Tri-Agency EDI Action Plan 2018 - 2025](https://www.nserc-crsng.gc.ca/NSERC-CRSNG/EDI-EDI/Action-Plan_Plan-dAction_eng.asp)
* NSERC [EDI Research Guide](https://www.nserc-crsng.gc.ca/NSERC-CRSNG/Policies-Politiques/EDI_guidance-Conseils_EDI_eng.asp) / [Alliance EDI Resource](https://www.nserc-crsng.gc.ca/innovate-innover/alliance-alliance/edi_training-edi_formation_eng.asp)
* NFRF [Best Practices in EDI in Research](https://www.sshrc-crsh.gc.ca/funding-financement/nfrf-fnfr/edi-eng.aspx)
* [EDI in the Research Enterprise](#_SSHRC_Small_Research)
* NFRF EDI Research presentation – Contact ORS for copy

## National Security Guidelines

* NSERC Alliance – [Press Release – Jul 2021](https://www.canada.ca/en/innovation-science-economic-development/news/2021/07/government-of-canada-takes-action-to-protect-canadian-research-and-intellectual-property.html) / [ORS Information on Security Guidelines and FAQ](#_New_National_Security)

## Tri-Agency

* Data Management [Policy](https://science.gc.ca/eic/site/063.nsf/eng/h_97610.html) and [FAQ](https://science.gc.ca/eic/site/063.nsf/eng/h_97609.html) / Guide on [Financial Administration](https://www.nserc-crsng.gc.ca/InterAgency-Interorganismes/TAFA-AFTO/guide-guide_eng.asp)

## NFRF

* [Research Stories](https://www.sshrc-crsh.gc.ca/funding-financement/nfrf-fnfr/stories-histoires-eng.aspx)

## SSHRC

* [News Room](https://www.sshrc-crsh.gc.ca/news_room-salle_de_presse/index-eng.aspx) / [Covid Updates](https://www.sshrc-crsh.gc.ca/news_room-salle_de_presse/covid-19-eng.aspx) / [Forms](https://www.sshrc-crsh.gc.ca/funding-financement/forms-formulaires/index-eng.aspx) / [Funding opportunities](https://www.sshrc-crsh.gc.ca/funding-financement/index-eng.aspx) / [Competition Results](https://www.sshrc-crsh.gc.ca/results-resultats/index-eng.aspx)

## NSERC

* [Latest News](https://www.nserc-crsng.gc.ca/Media-Media/News-Nouvelles_eng.asp) / 2030 Strategic Plan – [Engaging Stakeholders](https://www.nserc-crsng.gc.ca/NSERC-CRSNG/NSERC2030-CRSNG2030/index_eng.asp) / [NSERC Interactive Dashboard](https://www.nserc-crsng.gc.ca/db-tb/index-eng.asp) / [Covid Updates](https://www.nserc-crsng.gc.ca/Media-Media/NewsDetail-DetailNouvelles_eng.asp?ID=1139)

## CIHR

* [Application Administration Guide](https://cihr-irsc.gc.ca/e/50805.html) / [Policy on Identical and Essentially Identical applications](https://cihr-irsc.gc.ca/e/52222.html)
* [CIHR Covid Updates](https://cihr-irsc.gc.ca/e/51917.html) / [CIHR Funding opportunities](https://www.researchnet-recherchenet.ca/rnr16/search.do?fodAgency=CIHR&fodLanguage=E&all=1&search=true&org=CIHR&sort=program&masterList=true&view=currentOpps)
* [CIHR Policy Guide](https://cihr-irsc.gc.ca/e/52820.html) – Registration and disclosure from clinical trial results – [Overview](https://cihr-irsc.gc.ca/e/42405.html); [FAQs](https://cihr-irsc.gc.ca/e/52810.html)

## Research Facilities Navigator

* [Research Facilities Navigator](https://navigator.innovation.ca/en?redirect=true) to find facilities in agencies across Canada open to working with you on research.
* Create [your Navigator Profile](https://navigator.innovation.ca/en/create-or-edit-your-profile?redirect=true)
* Ontario Tech University [Navigator Profiles](https://navigator.innovation.ca/en/search?f%5B0%5D=institution_uch%3A808)

## Equity, Diversity and Inclusion in the Research Enterprise

Ontario Tech is committed to transforming our institutional culture and embedding Equity Diversity and Inclusion (EDI) principles in every area of practice: in research, teaching and administration. The Office of Research Services is working with units from across the university to ready our institution for joining the [Dimensions: Equity, Diversity and Inclusion Canada](http://www.nserc-crsng.gc.ca/NSERC-CRSNG/EDI-EDI/Dimensions_Dimensions_eng.asp) program, and we are committed to informing the Ontario Tech research community of changes in funding policy and guidelines as related to EDI principles. Review the relevant resources below and contact your faculty’s grants officer with any questions.

1. [Tri-Council 2018 Open Letter to the research community](https://science.gc.ca/eic/site/063.nsf/eng/h_97616.html)
2. Tri-council New Frontiers in Research Fund: [Best Practices in Equity, Diversity and Inclusion in Research](https://www.sshrc-crsh.gc.ca/funding-financement/nfrf-fnfr/edi-eng.aspx)
3. **NSERC** 
   1. [Framework on Equity, Diversity and Inclusion](https://www.nserc-crsng.gc.ca/InterAgency-Interorganismes/EDI-EDI/Action-Plan_Plan-dAction_eng.asp)
   2. [Guide for Applicants:](https://www.nserc-crsng.gc.ca/_doc/EDI/Guide_for_Applicants_EN.pdf) Considering equity, diversity and inclusion in your application
4. **CIHR** 
   1. [Gender Equity Framework](https://cihr-irsc.gc.ca/e/50238.html)
   2. Tools for Researchers: [How to integrate sex and gender into research](https://cihr-irsc.gc.ca/e/50836.html)
5. **CRC**
   1. Equity, Diversity and Inclusion: [A Best Practices Guide for Recruitment, Hiring and Retention](https://www.chairs-chaires.gc.ca/program-programme/equity-equite/best_practices-pratiques_examplaires-eng.aspx)
   2. [Unconscious bias training module](https://cihr-irsc.gc.ca/lms/e/bias/)
6. Ontario Tech’s [CRC Equity, Diversity and Inclusion Awareness Strategy and Action Plan](https://research.ontariotechu.ca/faculty/ontario-tech-crc-equity,-diversity-and-inclusion-awareness-strategy-and-action-plan-.php)
7. **Ontario Tech is an Employer Partner with the Canadian Centre for Diversity and Inclusion (**[**CCDI**](http://www.ccdi.ca/)**)** which provides us with a number of benefits that will support us on our diversity journey. Key resources available include:

* [Subscribe](https://ccdi.ca/subscribe/) to the **CCDI Monthly Newsletter** – “Diversity Ink”. View [past newsletters](https://ccdi.ca/newsletters/).
* CCDI Knowledge Repository. As part of the “Members Only” portal on their website, CCDI launched an e-library with over 1,000 documents containing Canadian-specific and international diversity and inclusion research, reports, toolkits and news, which are indexed and searchable by multiple parameters (e.g. by keyword, by topic, etc.). This e-library is an evergreen resource and new content is continually being added. If you would like access the Knowledge Repository, please send an e-mail to [kr@ccdi.ca](mailto:kr@ccdi.ca) with the subject line “Knowledge Repository Access” – include your first name, last name and work e-mail address. You will receive your log-in information shortly thereafter.
* CCDI [Monthly Webinars](https://ccdi.ca/event-calendar/?category=Webinars).

## Announcement on NSERC’s Equity, diversity and inclusion newest resources

Dear Research Community,

NSERC is taking action to help the natural sciences and engineering (NSE) research communities contribute to a more equitable, diverse and inclusive research enterprise, with the launch of the [NSERC guide on integrating equity, diversity and inclusion considerations in research.](https://www.nserc-crsng.gc.ca/NSERC-CRSNG/Policies-Politiques/EDI_guidance-Conseils_EDI_eng.asp)

The new guide is designed to assist NSE researchers with applying a critical equity, diversity and inclusion (EDI) lens in their work by providing guiding questions and examples relevant to their field of research.

It includes two main sections:

1. Guidance on embedding EDI considerations at each stage of the research process including: research questions, design of the study, methodology and data collection, analysis and interpretation and dissemination of results.
2. EDI considerations for research teams, including: building teams, recruitment and retention, and the roles of team members throughout the course of the research project.

Since 2019, Alliance applicants must include EDI considerations in their training plan. A dedicated [Alliance EDI resource](https://www.nserc-crsng.gc.ca/innovate-innover/alliance-alliance/edi_training-edi_formation_eng.asp) was recently updated to further expand on the expectations of this mandatory evaluation criteria and provide applicants with examples of what concrete EDI best practices look like.

As part of its commitment to research excellence, NSERC recognizes that EDI are essential in creating the excellent, innovative and impactful research to advance knowledge and respond to local, national and global challenges. In order to achieve world-class research, all members of the research community must address systemic barriers that limit the full participation of all talented individuals.

Sincerely,

The NSERC Programs Team (June 2022)

## New National Security Guidelines for Research Partnerships to protect Canadian Science and Research

The Government of Canada released new [National Security Guidelines for Research Partnerships](https://science.gc.ca/eic/site/063.nsf/eng/h_98256.html).

These guidelines were developed in collaboration with the [Government of Canada–Universities Working Group](https://www.ic.gc.ca/eic/site/063.nsf/eng/h_98090.html) and will integrate national security considerations into the development, evaluation and funding of research partnerships.

These guidelines are being applied immediately as a mandatory element of federal research partnership funding through the Natural Sciences and Engineering Research Council of Canada’s (NSERC) [Alliance Grants program](https://www.nserc-crsng.gc.ca/innovate-innover/alliance-alliance/index_eng.asp) for any application involving private sector partner organizations. Foreign not-for-profit and government organizations are already ineligible partners under this program.

All applicants partnering with private sector partners for NSERC Alliance funding will be required to complete the [National Security Guidelines for Research Partnerships' risk assessment form](https://science.gc.ca/eic/site/063.nsf/eng/h_98257.html) as a component of the Alliance application package submitted to the Office of Research Services and to NSERC. This requirement encompasses applications currently in development, but not yet submitted in the NSERC system, along with all new applications initiated in the system.

NSERC is currently updating all relevant instructions and resources on the [Alliance program website](https://www.nserc-crsng.gc.ca/innovate-innover/alliance-alliance/index_eng.asp) and in the [online system](https://ebiz.nserc.ca/nserc_web/nserc_login_e.htm).

The Office of Research Services (ORS) is working to understand the new guidelines and their impact on applicants. Please anticipate further communications from ORS to assist with implementation.

**Additional Resources**

[NSERC Alliance Grants Webpage](https://www.nserc-crsng.gc.ca/Innovate-Innover/alliance-alliance/index_eng.asp)

[NSERC Alliance Grants - National Security Guidelines for Research Partnerships](https://www.uoguelph.ca/research/alerts/content/nserc-alliance-grants-%E2%80%93-national-security-guidelines-research-partnerships)

[Safeguarding your Research Portal](https://www.ic.gc.ca/eic/site/063.nsf/eng/h_97955.html)

[NSERC Alliance - Frequently Asked Questions](https://www.nserc-crsng.gc.ca/Innovate-Innover/alliance-alliance/faq-faq_eng.asp)

[NSERC Alliance Grant Application Checklist](https://www.nserc-crsng.gc.ca/_doc/alliance/ApplicationChecklist_e.pdf)

**Frequently Asked Questions**

1. [Is it mandatory for my application to include the completed risk assessment questionnaire and risk mitigation plan of the National Security Guidelines for Research Partnerships’ risk assessment form?](https://www.nserc-crsng.gc.ca/Innovate-Innover/alliance-alliance/faq-faq_eng.asp#7)
2. [Are there types of private sector organizations involved in Alliance projects that do not trigger the need for completing the National Security Guidelines for Research Partnerships’ risk assessment form (e.g., Canadian—including parents, subsidiaries or affiliates—, multinational or foreign organizations)?](https://www.nserc-crsng.gc.ca/Innovate-Innover/alliance-alliance/faq-faq_eng.asp#8)
3. [My Alliance project involves several partner organizations from the private, public and not-for-profit sectors. When completing the risk assessment questionnaire of the National Security Guidelines for Research Partnerships, do I consider only risks associated with the private sector partner organization(s)?](https://www.nserc-crsng.gc.ca/Innovate-Innover/alliance-alliance/faq-faq_eng.asp#9)

## Communication from CIHR re: ResearchNet

As part of CIHR’s ongoing work to enhance the security features within ResearchNet, users will be required to complete a multifactor authentication process when logging in to their account as of July 21, 2022.

The multifactor authentication process will require users to enter a code that is sent to the email address connected to their ResearchNet account. To make sure there are no issues with users accessing their accounts, we would like to request your assistance. **Ahead of the implementation of these new security measures, please reach out to your Information Technology departments and request that** [**NoReply-NePasRepondre@cihr-irsc.gc.ca**](mailto:NoReply-NePasRepondre@cihr-irsc.gc.ca) **be marked as safe email content.**

We also encourage ResearchNet users to confirm their account profiles are updated with a current email address in advance. If you have any questions, please contact the CIHR Contact Centre at 1-888-603-4178 or [support-soutien@cihr-irsc.gc.ca](file:///C:\Users\SRasia\AppData\Roaming\OpenText\OTEdit\EC_livelink\c34355273\support-soutien%40cihr-irsc.gc.ca).

## Research Data Management – Communication re: Tri-Agency Updates

In March 2021, Canada’s federal granting agencies — the Canadian Institutes of Health Research (CIHR), the Natural Sciences and Engineering Research Council of Canada (NSERC) and the Social Sciences and Humanities Research Council of Canada (SSHRC) — launched the [Tri-Agency Research Data Management (RDM) Policy](https://science.gc.ca/eic/site/063.nsf/eng/h_97610.html). One of the policy requirements is that applicants to certain funding opportunities will need to submit data management plans (DMPs) with their applications. The agencies recently announced the initial funding opportunities that will require applicants to submit DMPs:

**CIHR**

* Network Grants in Skin Health and Muscular Dystrophy (Anticipated launch fall 2022 or early winter 2023)
* Virtual Care/Digital Health Team Grants (Anticipated launch fall 2022 or early winter 2023)
* Data Science for Equity (Anticipated launch fall 2022 or early winter 2023)

**NSERC**

* Subatomic Physics Discovery Grants - Individual and Project (Anticipated launch summer 2023)

**SSHRC**

* Partnership Grants Stage 2 (Anticipated launch summer 2023)

**RESOURCES TO SUPPORT APPLICANTS IN PREPARING DMPs**

**Tri-Agency**

The agencies are collaborating with stakeholders to co-develop resources to support applicants in preparing DMPs. Information about these resources will be provided when the funding opportunities are launched. The agencies are also exploring approaches to DMP assessment. Details on how DMPs will be considered in the adjudication process, as well as resources to support assessment of DMPs, will be provided when the funding opportunities are launched. For more information on RDM and DMPs, consult the [Frequently Asked Questions](https://science.gc.ca/eic/site/063.nsf/eng/h_97609.html) for the Tri-Agency RDM Policy or visit the [RDM services page](https://alliancecan.ca/en/services/research-data-management) of the [Digital Research Alliance of Canada](https://alliancecan.ca/en).

**Ontario Tech Library**The Library offers an array of supports to Ontario Tech researchers, including help in:

* Finding existing research data
* Understanding the data management requirements of different funding agencies
* Creating a DMP
* Choosing an appropriate repository for the research data
* Understanding best practices for disseminating and archiving data

Additional information can be found on the Library’s [online RDM guide](https://guides.library.ontariotechu.ca/rdm#s-lg-box-4805578) . Researchers are encouraged to  [book an online appointment with](https://calendly.com/research-appointments-ot-library/kaelancaspary?month=2022-07) or [email](mailto:kaelan.caspary@ontariotechu.ca) our [Data Librarian, Kaelan Caspary](https://guides.library.ontariotechu.ca/prf.php?account_id=144203) for a one on one research consultation.

## Mitacs Accelerate – ON HOLD

***September 2022 - Msg from Mitacs***

*In Ontario, Mitacs has seen a particularly exceptional uptake of our programs combined with lower-than-expected provincial funding. This means that funding available for this fiscal year in Ontario has been utilized. As our model relies on provincial funding to deliver our programs, the funding gap in Ontario is causing uncertainty.*

*To ensure that we operate responsibly, Mitacs will be pausing Ontario submissions until we have clarity around our provincial funding going forward. This means that, out of an abundance of caution, all new applications for our Accelerate, Business Strategy Internship, Elevate, and international programs will be paused in Ontario as of August 28, 2022. Projects reviewed and approved up to and including that date will be honoured.*

**~~Deadline~~**~~: Continuous Intake~~

*~~\*A hard copy of the complete application package and a~~* [*~~Research Grant/Contract Authorization (RGA) Form~~*](https://shared.uoit.ca/shared/department/research/documents/Research-Grant-Authorization-August-2011.doc) *~~with all required signatures~~* ***~~must~~*** *~~be submitted to the ORS contact.~~*

**~~Description:~~** ~~Through Mitacs-Accelerate, graduate students and postdoctoral fellows from over 50 universities apply their specialized expertise to business-related research challenges. Armed with the very latest tools, techniques, and innovations, the intern (a graduate student or postdoctoral fellow) brings a new perspective to a problem faced by an industry partner.~~

* ~~Interns spend approximately half of the time on-site with the industry partner; the remainder is spent at the university advancing the research under the guidance of a faculty supervisor.~~
* ~~Open to all disciplines and all industry sectors, projects can span a wide range of areas, including: manufacturing, technical innovation, business prOCIsses, IT, social sciences, design, and more.~~

**~~Eligibility:~~**~~The intern must be a graduate student or post-doctoral fellow enrolled at a Canadian university. Eligible PDF’s must (1) have completed all requirements of his/her first doctoral degree no more than five years before the application submission date; and (2) be officially accepted for post-doctoral studies at a Canadian university.~~

~~Effective January 2015, Accelerate is open to both for-profit businesses and not-for-profit (NFP) organizations, such as industry associations, charitable organizations, and economic development organizations. All projects in collaboration with an NFP partner must demonstrate an economic or productivity orientation. Examples include creating new jobs, reducing costs of goods or services, or increasing productivity in an industry. Eligibility of applications involving Not For Profit organizations should be discussed with Mitacs in advance of submission.~~

~~Organizations which are not eligible to be partners include:~~

* ~~Funding agencies~~
* ~~University-based research centres~~
* ~~Foreign companies~~

**~~Value:~~** ~~Each 4-month internship project receives $15,000 in direct funding, with the partner organization and Mitacs each providing $7,500. The $15,000 will be provided to the intern’s academic supervisor as a research grant. It is required that the intern receive a stipend of a minimum of $10,000 of the total grant per 4-month internship. Any funds over and above the intern stipend will be used to support research related to the internship.~~

**~~Details:~~**[~~https://www.mitacs.ca/en/programs/accelerate~~](https://www.mitacs.ca/en/programs/accelerate)

**Contact:** If you have any questions, or are interested in applying, please contact Katie Facecchia – Director of Business Development at [kfacecchia@mitacs.ca](mailto:kfacecchia@mitacs.ca) or your Faculty Grants Officer.

## NSERC Alliance Grants

**Alliance webinar presentations now available online**

NSERC hosted webinar presentations to provide information on best practices in preparing an Alliance application. The webinar [video](http://r20.rs6.net/tn.jsp?f=0013oSUw36kEiNfZq3Dy9kD_PM5jHd2s4wGkaHgP0V3TyQQ7rG4-39ZyTvoYRqd0T7w3HscS9STj2byExPwPIQtXQTVNezUEybiE3co1hnbdmY2DHvI1ePINglyObOHJ6CGNI2dVYQSKeteXn8-GtvYfQ==&c=_xlVlPyN1RStxWmkYdbf1TJTB9VyMUEtHVfsb17ngFRUT7TlxocOcQ==&ch=C-9ylrYTz6GRO_jTf6Dx-CdJrzB6epkPG18namqZyCJkRUIVAnRG5Q==) and slides ([with notes](http://r20.rs6.net/tn.jsp?f=0013oSUw36kEiNfZq3Dy9kD_PM5jHd2s4wGkaHgP0V3TyQQ7rG4-39ZyTvoYRqd0T7wGgtfw7VxGlQzFOOI_2s-mm1PlXZYCfPc2q75p9aEmHttdr3lC-nqRXm7NctXGHUPmugQpyusgrTUmGMS2QvKpRpJy_r_n2CN-MDVPVlNxMHhUIc2zNcsj4T6yuAF2G0gE6itscgPHKrqRARpMSzCXFp2fnMAPLOe3EsjT2SRmfM=&c=_xlVlPyN1RStxWmkYdbf1TJTB9VyMUEtHVfsb17ngFRUT7TlxocOcQ==&ch=C-9ylrYTz6GRO_jTf6Dx-CdJrzB6epkPG18namqZyCJkRUIVAnRG5Q==) and [without notes](http://r20.rs6.net/tn.jsp?f=0013oSUw36kEiNfZq3Dy9kD_PM5jHd2s4wGkaHgP0V3TyQQ7rG4-39ZyTvoYRqd0T7wUOrjg5az5WCGpSHSc6OppuLtlBvV_MrmPzQWz9LQ8dpJlHef2B42p-Gh-n28v5p6rXQyjNZjbnSx7VO2q7xm4Am3Y7e0LZVXauQX_qHxbHjE8dCZWUn5miwbEUhvcZ8sgrUXToidfOeFvTAdoHD7rlp9H38LXkCpqaWUKWIjYGk=&c=_xlVlPyN1RStxWmkYdbf1TJTB9VyMUEtHVfsb17ngFRUT7TlxocOcQ==&ch=C-9ylrYTz6GRO_jTf6Dx-CdJrzB6epkPG18namqZyCJkRUIVAnRG5Q==)) are available on the [Alliance resources webpage](http://r20.rs6.net/tn.jsp?f=0013oSUw36kEiNfZq3Dy9kD_PM5jHd2s4wGkaHgP0V3TyQQ7rG4-39ZyW4bKU3Apw3eeCt_r3VpSrGLkYrgHV3h9YwTkKJXakapM-YAP8b-AIJSh3K4wYO_2MY8aaCYN4pyXjmeqyEP_25vgKoc-uqC7fiV7GGfu2CWmgp114Mwixq0Tuwk4N5uZn1rYTbBF2uY1fvqLag1Wfe-WqaIUx5XKK6S6EKbOtApOF9N4cL2XDmTri5kmqVlfA==&c=_xlVlPyN1RStxWmkYdbf1TJTB9VyMUEtHVfsb17ngFRUT7TlxocOcQ==&ch=C-9ylrYTz6GRO_jTf6Dx-CdJrzB6epkPG18namqZyCJkRUIVAnRG5Q==). We would also like to remind you of the other [resources](http://r20.rs6.net/tn.jsp?f=0013oSUw36kEiNfZq3Dy9kD_PM5jHd2s4wGkaHgP0V3TyQQ7rG4-39ZyW4bKU3Apw3eeCt_r3VpSrGLkYrgHV3h9YwTkKJXakapM-YAP8b-AIJSh3K4wYO_2MY8aaCYN4pyXjmeqyEP_25vgKoc-uqC7fiV7GGfu2CWmgp114Mwixq0Tuwk4N5uZn1rYTbBF2uY1fvqLag1Wfe-WqaIUx5XKK6S6EKbOtApOF9N4cL2XDmTri5kmqVlfA==&c=_xlVlPyN1RStxWmkYdbf1TJTB9VyMUEtHVfsb17ngFRUT7TlxocOcQ==&ch=C-9ylrYTz6GRO_jTf6Dx-CdJrzB6epkPG18namqZyCJkRUIVAnRG5Q==) that are available to support you in preparing an Alliance proposal, which are outlined below. In addition to our [Frequently asked questions](http://r20.rs6.net/tn.jsp?f=0013oSUw36kEiNfZq3Dy9kD_PM5jHd2s4wGkaHgP0V3TyQQ7rG4-39ZyTvoYRqd0T7wowsatPq88A2yWu7fj8W2VhO1egjCfN3KetbRBwryV2wWulYAggmbQLzYniA40dPSK28AMe8mZzCcZywanE7pkkL0odqOWJg1pBPoAWt1MZQOwgylY9huCpYOEm7mn1leJAfiaJKyXhzxBgjhJEIq7BACQTM6QN2x&c=_xlVlPyN1RStxWmkYdbf1TJTB9VyMUEtHVfsb17ngFRUT7TlxocOcQ==&ch=C-9ylrYTz6GRO_jTf6Dx-CdJrzB6epkPG18namqZyCJkRUIVAnRG5Q==) webpage, [NSERC staff](mailto:Alliance@nserc-crsng.gc.ca) also remain available to answer any questions you may have.

[Alliance grant application checklist](http://r20.rs6.net/tn.jsp?f=0013oSUw36kEiNfZq3Dy9kD_PM5jHd2s4wGkaHgP0V3TyQQ7rG4-39ZyW4bKU3Apw3eAihSWU4HNuIVjcc7RSjTmvXxVlkHov0VjsRRXmnHHj-aQAuL0aXxzTpR38QuDmixeV-Miaz6zz-lV3Ko-pCjAa-qs9en_W_i8oawv9hHVvKFALiyyRX6I8Nhz-LXvw_sJQxoQpc_k_g_-51gMyNbGQ==&c=_xlVlPyN1RStxWmkYdbf1TJTB9VyMUEtHVfsb17ngFRUT7TlxocOcQ==&ch=C-9ylrYTz6GRO_jTf6Dx-CdJrzB6epkPG18namqZyCJkRUIVAnRG5Q==)

[Equity, diversity and inclusion in the training plan](http://r20.rs6.net/tn.jsp?f=0013oSUw36kEiNfZq3Dy9kD_PM5jHd2s4wGkaHgP0V3TyQQ7rG4-39ZyW4bKU3Apw3eha3u5ApsI7yECaAwzTBibm7JGnWbkpyvPo5MBQJVFjKmCVtTuBJmJAIvN7F0IyabWF_no9jNz3lskzOVJ4Ll-9BsH1qec0KumKpGojJy23JqJ90CwZ_YlY0t0REEeKpDrYqyM-siqCc=&c=_xlVlPyN1RStxWmkYdbf1TJTB9VyMUEtHVfsb17ngFRUT7TlxocOcQ==&ch=C-9ylrYTz6GRO_jTf6Dx-CdJrzB6epkPG18namqZyCJkRUIVAnRG5Q==)

[Partner organization self-assessment tool](http://r20.rs6.net/tn.jsp?f=0013oSUw36kEiNfZq3Dy9kD_PM5jHd2s4wGkaHgP0V3TyQQ7rG4-39ZyW4bKU3Apw3etMHIF2mcrKOIrAwrkRq-BIsUyMgfFfHGwzv1j94jieK6hK4U6d5FNWolUl-exFI7v-7Tq_qvsUo39rx91uNZyYrZMZocFGRf5hpqXZ6tt8ZrQAdh7tESmPMObhLTr0SdHJpUXUQDlNJQ41vFSgeoE9KmLOh0pf0Z&c=_xlVlPyN1RStxWmkYdbf1TJTB9VyMUEtHVfsb17ngFRUT7TlxocOcQ==&ch=C-9ylrYTz6GRO_jTf6Dx-CdJrzB6epkPG18namqZyCJkRUIVAnRG5Q==)

[Instructions to external reviewers and members of *ad hoc* committees](http://r20.rs6.net/tn.jsp?f=0013oSUw36kEiNfZq3Dy9kD_PM5jHd2s4wGkaHgP0V3TyQQ7rG4-39ZyWYTWmPB30ceceXSd2AZFZV4yqvye0E6RgOxOoVETQWmdUGItOjwzxXQh34lblUzzq-UE8IY-HzCkwAOBhnl5IsDjITLrw5h_TSWskP69EH-JaOVFyS83tcKP8_741giARZPAp8fHuxkm0CZ2F3JozRkWZAXXN5qyg==&c=_xlVlPyN1RStxWmkYdbf1TJTB9VyMUEtHVfsb17ngFRUT7TlxocOcQ==&ch=C-9ylrYTz6GRO_jTf6Dx-CdJrzB6epkPG18namqZyCJkRUIVAnRG5Q==)

**Resources related to** [**option 2**](https://www.nserc-crsng.gc.ca/Innovate-Innover/alliance-alliance/funding-financement_eng.asp) **now available**

A document summarizing key details about Alliance option 2 has been added to the [Resources](http://r20.rs6.net/tn.jsp?f=0013oSUw36kEiNfZq3Dy9kD_PM5jHd2s4wGkaHgP0V3TyQQ7rG4-39ZyW4bKU3Apw3eeCt_r3VpSrGLkYrgHV3h9YwTkKJXakapM-YAP8b-AIJSh3K4wYO_2MY8aaCYN4pyXjmeqyEP_25vgKoc-uqC7fiV7GGfu2CWmgp114Mwixq0Tuwk4N5uZn1rYTbBF2uY1fvqLag1Wfe-WqaIUx5XKK6S6EKbOtApOF9N4cL2XDmTri5kmqVlfA==&c=_xlVlPyN1RStxWmkYdbf1TJTB9VyMUEtHVfsb17ngFRUT7TlxocOcQ==&ch=C-9ylrYTz6GRO_jTf6Dx-CdJrzB6epkPG18namqZyCJkRUIVAnRG5Q==) webpage to help applicants and partner organizations determine whether the project they are envisioning meets the requirements. In addition, the Public Impact Value Proposition (PIVP) Selection Committee Review Instructions are now available online. This will help applicants understand how the committee determines whether Alliance option 2 applications meet the characteristics and whether they will proceed to the next step of the evaluation.

[Option 2 overview pamphlet](http://r20.rs6.net/tn.jsp?f=0013oSUw36kEiNfZq3Dy9kD_PM5jHd2s4wGkaHgP0V3TyQQ7rG4-39ZyTvoYRqd0T7wtEcscu5ZTKJpv7LFfpOfE5SiOeKSk4t3CdItfXOKFAy3LgXY6AqL9FxT-bFSPEy2gL3wl3y-qH0pduL53vIj41qbbMwRA0l69673jS_Y5ARHuN6BMBIH883LAmMbza6ApFufGJfHDo9HrZRXo-Qqcw==&c=_xlVlPyN1RStxWmkYdbf1TJTB9VyMUEtHVfsb17ngFRUT7TlxocOcQ==&ch=C-9ylrYTz6GRO_jTf6Dx-CdJrzB6epkPG18namqZyCJkRUIVAnRG5Q==)

[Option 2 public impact value proposition (PIVP) selection committee review instructions](http://r20.rs6.net/tn.jsp?f=0013oSUw36kEiNfZq3Dy9kD_PM5jHd2s4wGkaHgP0V3TyQQ7rG4-39ZyTvoYRqd0T7w7PW8rhaXddE8rhk73SfbhCRlCxvirn8CaF3VJeYTaz2gnmo6D1BkFyyjq7VQB1Gn4ApXZQFvW4SmVlQitkArLuzMUPX0SRrfdjLwoTRlaqPINkTqotufIP_QpFrYaHaFIKxQgLnzQTgWtrauTx8IXwOexbkBhuvtpgGIQHMpLq5Uuie6-EGJAg==&c=_xlVlPyN1RStxWmkYdbf1TJTB9VyMUEtHVfsb17ngFRUT7TlxocOcQ==&ch=C-9ylrYTz6GRO_jTf6Dx-CdJrzB6epkPG18namqZyCJkRUIVAnRG5Q==)

**Updates to Alliance literature**

The Alliance literature was recently updated on October 28, 2020. It aims to streamline and clarify various points, as well as to provide access to additional resources based on feedback and questions from the community. Key changes are summarized below, but we strongly encourage you to review the updated literature before submitting an application.

**Updates (see** [**link**](https://www.nserc-crsng.gc.ca/Innovate-Innover/alliance-alliance/news-nouvelles_eng.asp) **for Latest news)**

* The **page limits for proposals** have been revised, as shown in the “Proposal sections and length” table in the [Instructions for completing an application](http://r20.rs6.net/tn.jsp?f=001rTSzix1ImIZt6CWaivrMl462-4hH0V7XxsRIGNAAqeUeIeVhyPvXO15Bf0LSoNXgFh8YsMGSQdBAlr7YEOfL1aT0b6ynqr_Dtc-UkqysXTui3H-smtrO3lL1-H7ZD1GvtFbo2ueKCOcsn1ZOr3Ghkj_jmb3O1cHVMhUjCsKX1rlLttOH2xN8JOda5QAEV5GJmO7yezGpsd8Cy1snObzT3FNFGIAFlQcH0Us0VIQgMAN-jO9VzMoe3A==&c=FwrUeyp5ITwHl6gOOuSM43cntWVr4W-onjyh-WpwCVQrUzgXErgm7g==&ch=OUNp-eufRNFap8SJl3a_JKvEkq6Pc6CH0bXgpd-TlkXt_M-VA6w8Mw==)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | **Average annual NSERC request** | | |
| Up to and including $30,000 per year | Up to and including $300,000 per year | More than $300,000 per year |
| **Section** | **Percentage of evaluation** | ***Suggested* number of pages per section** | | |
| Background and expected outcomes | 25% | 1 | 2 | 3 |
| Partnership | 25% | 1 | 2 | 5 |
| Proposal | 25% | 1.5 | 4 | 10 |
| Team | 0.75 | 1 | 4 |
| Training plan | 25% | 0.75 | 1 | 3 |
|  | | ***Maximum* total number of pages (including NSERC template text)** | | |
| 5 | 10 | 25 |
| Option 2: Public impact value proposition (PIVP) | | Add 3 pages to the maximum above for the PIVP | | |

* The [Alliance grant application checklist](http://r20.rs6.net/tn.jsp?f=001rTSzix1ImIZt6CWaivrMl462-4hH0V7XxsRIGNAAqeUeIeVhyPvXO2BdA7yXaEi2CQwsatjxMrW4uvlyH4dswkGFUWNuSIuzFzsWqvhEFQ4tVFz11TBf8YFiAgXT34mFtmEBGDfXedlExepYdXh3vuh2wMGbRpb1AY6vj212uv3lAdwq5-TQl-wUJ6Du_dv1zNJu5_RqppobWZgX5GHX1g==&c=FwrUeyp5ITwHl6gOOuSM43cntWVr4W-onjyh-WpwCVQrUzgXErgm7g==&ch=OUNp-eufRNFap8SJl3a_JKvEkq6Pc6CH0bXgpd-TlkXt_M-VA6w8Mw==) has been updated. In particular, information regarding project management expenses was amended: Up to 10% of the total direct research costs of a project can be used towards project management expenses in a project **of any size** involving multiple universities and/or partner organizations.
* The [proposal template](http://r20.rs6.net/tn.jsp?f=001rTSzix1ImIZt6CWaivrMl462-4hH0V7XxsRIGNAAqeUeIeVhyPvXO15Bf0LSoNXginmD1y9O4dlG4NBdZETUDgtzhfoC0TqmlUzw_44yl0v1GIZNtzERo2P9B71nBDNzA06-O1YAykwK-_6OLeKX1nMYkgE9a1FESDhN0gZjr9jI2kt7VxFlfgofHSpfKduNUpDlFCDyEy6XCcCxHYUqZ8nqIEzDvvmG4_k7AFQtyUQ=&c=FwrUeyp5ITwHl6gOOuSM43cntWVr4W-onjyh-WpwCVQrUzgXErgm7g==&ch=OUNp-eufRNFap8SJl3a_JKvEkq6Pc6CH0bXgpd-TlkXt_M-VA6w8Mw==) has been updated, in particular the General instructions at the beginning of the template (see attached).
* The maximum number of characters for the three parts of the free-form **Contributions to Research and Training Explanation section** of the Personal Data Form with CCV Attachment (Form 100A) has been increased to align with the current requirements for Discovery Grants applications. As a result, the maximum total number of pages for this section is now **five** instead of four. The [instructions on how to complete Form 100A](http://r20.rs6.net/tn.jsp?f=001rTSzix1ImIZt6CWaivrMl462-4hH0V7XxsRIGNAAqeUeIeVhyPvXO15Bf0LSoNXgV89XPqPpO0oWf3UwRhPUf8_mEjaZo6cB6oLCWpkHJk91yEQ_ADLmLgqt2Mr3x3gFD1c7XcBkrta-yOBiG_oHZzEFXZgnXsYCsavp0-j4HjaAvQ1X-zAUiKN_GwBIlEW6Ppre4q78KFQEwAEYlpLQlflM3-qa6fzyicPBjEjwW37g1vhNzISUdQ==&c=FwrUeyp5ITwHl6gOOuSM43cntWVr4W-onjyh-WpwCVQrUzgXErgm7g==&ch=OUNp-eufRNFap8SJl3a_JKvEkq6Pc6CH0bXgpd-TlkXt_M-VA6w8Mw==) have been updated.
* The [Role of partner organizations](http://r20.rs6.net/tn.jsp?f=001rTSzix1ImIZt6CWaivrMl462-4hH0V7XxsRIGNAAqeUeIeVhyPvXO15Bf0LSoNXgefYdAFNpVFL-bBF1ZCWbFsbrnkkuL3aRbKvgQq0FzW3G7vqwqtGWHcv1Xo2J_jiHEHGB_DtDXawrWk8zthgZzNDYR41nbndXrIdjvAdIPZAcqGjhvkNm-G8LISImiipoJAOdSHvxlSRU5iFbMAbbztymIw9AStZ2SZ1CZ-YdJXToJ7gOZEQOtmPt_6Tk3nLtPjgz7gdhoPmX_-1PpNcsjDbzZouENKUoIw2Asqs_lq9KxFryGGYL6WW1Df_PxtXK&c=FwrUeyp5ITwHl6gOOuSM43cntWVr4W-onjyh-WpwCVQrUzgXErgm7g==&ch=OUNp-eufRNFap8SJl3a_JKvEkq6Pc6CH0bXgpd-TlkXt_M-VA6w8Mw==) webpage has been revised to emphasize that each partner organization must play an active role in the project and must make in-kind contributions (with the exception of other funding agencies). The page was also amended to indicate that **Canadian producer groups and industrial associations** must be legally established under applicable federal, provincial or territorial statutes in Canada, replacing the previous requirement that they be incorporated in Canada.
* The [Frequently asked questions](http://r20.rs6.net/tn.jsp?f=001rTSzix1ImIZt6CWaivrMl462-4hH0V7XxsRIGNAAqeUeIeVhyPvXO-VmzycF3-0_KYGRJo8Yd-4lD9fRV6oXj3Qp_FZSDJIWybv60N_nzobv9lrS1zkZJQ2Uc3Jgq_03SxnI4NBCtEf8Nug_N3jdFv_5bB1EhXLdeQ6ygwlvcgTTfE2BgBamKXPyyNY5FLRl1Umn_OZhewkQ5_f-jD3ES44Frc4M7qHn&c=FwrUeyp5ITwHl6gOOuSM43cntWVr4W-onjyh-WpwCVQrUzgXErgm7g==&ch=OUNp-eufRNFap8SJl3a_JKvEkq6Pc6CH0bXgpd-TlkXt_M-VA6w8Mw==) webpage was updated to address recurring questions received from the community.

If you have any questions or comments about Alliance grants please contact your Grant Officer or [Alliance@nserc-crsng.gc.ca](mailto:Alliance@nserc-crsng.gc.ca) and sign up on the [Alliance webpage](http://r20.rs6.net/tn.jsp?f=001rTSzix1ImIZt6CWaivrMl462-4hH0V7XxsRIGNAAqeUeIeVhyPvXO6RHqe4RDjouGu_fVHA3kcHEFs6vITh0cp-rbdng4dZMkk4EpBMVKpYKkraSKSOG9A1YFOgdUhOtantz90_gzCPFfffzCKbSSBkAjp7eW6S2HL0JZxXLakwz6QEIx87fqx4fm_GkrXS0pLichWvixFXN_UE7r4JWs68LH6-71LGH&c=FwrUeyp5ITwHl6gOOuSM43cntWVr4W-onjyh-WpwCVQrUzgXErgm7g==&ch=OUNp-eufRNFap8SJl3a_JKvEkq6Pc6CH0bXgpd-TlkXt_M-VA6w8Mw==) to be added to the mailing list so you can stay up to date on the latest information.

## NSERC Alliance International

**Description**

Alliance International will provide support for researchers in Canada to **work with leading international researchers from the academic sector**, and to establish and grow international research collaborations and projects that have a high potential for impact in NSE disciplines. The overall objectives are to: 1) allow Canadian researchers to initiate the development of international collaborations; and 2) provide support for Canadian researchers participating in international collaborative projects of global importance and benefit to Canada.

**Streams**

Alliance International offers two grant types:

* **Alliance International Catalyst grants** will provide up to $25,000 for one year to support Canadian researchers in initiating international research collaborations in the NSE disciplines.
* **Alliance International Collaboration grants** will provide up to $100,000 per year for up to three years, allowing Canadian researchers to participate in international projects and leverage the best international expertise to help address research challenges in the NSE disciplines of impact and benefit for Canada. The amount you can request for an Alliance International Collaboration grant will depend on the amount of funding obtained by your international academic collaborator(s) from their own national funding agency. The funding secured by your international collaborator(s) will be recognized for cost sharing purposes. This contribution must be at least equal to the amount requested from NSERC. Please note that all amounts are in Canadian dollars.

|  |  |
| --- | --- |
| **Deadlines** | Alliance International is a new, permanent stream of Alliance. There is no deadline to apply and grants will be awarded throughout the year. |
| **Application limits** | Catalyst grants: Limit of one application within a 12-month period as either applicant or co-applicant. It is expected that a maximum of 100 grants will be awarded per year  Collaboration grants: Limit of one application within a 12-month period as either applicant or co-applicant  Limits apply to each stream individually. Ie. you can apply for one Catalyst grant and one Collaboration grant in the same 12-month period |
| **Value** | Catalyst grants: up to $25,000  Collaboration grants: up to $100,000 per year |
| **Duration** | Catalyst grants: 1 year  Collaboration grants: up to 3 years |
| **International academic partner contribution** | Catalyst grants: N/A  Collaboration grants: Peer-reviewed funding at least equal to the amount requested from NSERC |
| **Applicant eligibility** | Principal applicants and Canadian co-applicants must hold an active peer-reviewed grant, as primary applicant, at the time of application |
| **Partner eligibility** | Non-academic partner organizations are not required |
| **How to apply** | 1. Notify your Grants Officer of your intent to apply. ORS will confirm partner and project eligibility. 2. Following the [instructions for completing an Alliance International application](https://www.nserc-crsng.gc.ca/OnlineServices-ServicesEnLigne/instructions/101/allianceinternational_eng.asp), fill out the [proposal template](https://www.nserc-crsng.gc.ca/_doc/alliance/Proposal_Template-Alliance_International_Grants_e.docx) and complete the other sections of your application.    * **This template is different from the regular Alliance application template; ensure you are using the correct template (see attached)**    * Select “International” under “type of call” when completing Form 101 in the online system 3. Submit your completed application and supporting documents, including the [personal data form with CCV attachment](https://www.nserc-crsng.gc.ca/OnlineServices-ServicesEnLigne/instructions/100/100A_eng.asp), for the principal applicant and all co-applicants through [NSERC’s online system](https://ebiz.nserc.ca/nserc_web/nserc_login_e.htm). |
| **For more information** | Consult the [program website](https://www.nserc-crsng.gc.ca/Innovate-Innover/AllianceInternational-AllianceInternational/index_eng.asp), contact [allianceinternational@nserc-crsng.gc.ca](mailto:allianceinternational@nserc-crsng.gc.ca) or your Faculty Grants Officer: |

**Subject Matter**

You can apply to support any R&D project that seeks to respond to a research challenge in the natural sciences or engineering (see [Selecting the appropriate federal granting agency](http://www.science.gc.ca/eic/site/063.nsf/eng/h_FEE7261A.html?OpenDocument)). However, you cannot use Alliance International to support secret or contract research.

Developing and implementing policies or directly applying your research results may depend on socio-economic or other requirements, as well as scientific understanding beyond the natural sciences and engineering (NSE). You are encouraged to collaborate with academic researchers in fields other than the NSE. Such researchers may be co-applicants for Alliance International if they meet [NSERC’s eligibility criteria for faculty](https://www.nserc-crsng.gc.ca/NSERC-CRSNG/eligibility-admissibilite/faculty-corpsprof_eng.asp). Research costs for these collaborations can represent up to 30% of the project costs and must be specifically identified in the project budget justification.

**Resources**

* [Completing an application — form 101 instructions](https://www.nserc-crsng.gc.ca/OnlineServices-ServicesEnLigne/instructions/101/allianceinternational_eng.asp)
* [Personal data form with CCV attachment — form 100A instructions](https://www.nserc-crsng.gc.ca/OnlineServices-ServicesEnLigne/instructions/100/100A_eng.asp)
* [Alliance International application checklist](https://www.nserc-crsng.gc.ca/_doc/Professors-Professeurs/AIChecklist_e.pdf)
* [Equity, diversity and inclusion in your training plan](https://www.nserc-crsng.gc.ca/_doc/alliance/EDI-TrainingPlan_e.pdf)
* [Safeguarding Your Research portal](https://www.ic.gc.ca/eic/site/063.nsf/eng/h_97955.html)

## NSERC Alliance – OCI VIP Joint Funding

NSERC and Ontario Centres of Excellence (OCI) recently announced a partnership that will enable joint leveraging of funds from Ontario-based small to medium sized enterprises (SMEs) through the both [NSERC Alliance](https://www.nserc-crsng.gc.ca/Innovate-Innover/VIP-BIP_eng.asp)and [OCI VIP](https://www.oc-innovation.ca/programs/voucher-for-innovation-and-productivity-vip/)programs, via a single application prOCIss.

This program is ideal for **natural science and engineering** projects with an **Ontario SME** who is providing **$10-15K cash** (plus overhead and an equal amount in-kind) for a **one year** project. Note that Universities are only eligible for “VIP Alliance”. “VIP Engage” is for colleges only.

Project details:

* Overall cash match of 4:1 (2:2:1 for NSERC:OCI partner)
* Partner cash contribution: $10-15K (plus 35% overhead, as per Ontario Tech policy) plus an equal amount (or more) in-kind
* NSERC/OCI contribution: $20-30K **each**
* Total project cash: $50-75K
* Maximum project duration: 12 months

Applicant eligibility:

* Must hold an active NSERC or OCI peer-reviewed grant

Partner eligibility:

* For-profit SME with Ontario R&D and/or manufacturing operations related directly to the project, and the capacity to exploit the research results
* 5-499 global full-time employees
* In operation for a minimum of two years

How to apply:

1. PI discusses project idea with OCI Business Development Manager (BDM)
2. PI, partner, and OCI BDM complete one-page project summary
3. OCI BDM presents project opportunity at OCI-NSERC weekly meeting for discussion and evaluation
4. If invited to submit a full application, PI and partner complete proposal in [NSERC portal](https://www.nserc-crsng.gc.ca/onlineservices-servicesenligne/index_eng.asp)
   * [Form 101](https://www.nserc-crsng.gc.ca/OnlineServices-ServicesEnLigne/instructions/101/alliance_eng.asp) – joint proposal template (available upon request)
   * [Form 100A](https://www.nserc-crsng.gc.ca/OnlineServices-ServicesEnLigne/instructions/100/100A_eng.asp)
   * [Partner Organization Form](https://www.nserc-crsng.gc.ca/OnlineServices-ServicesEnLigne/instructions/Alliance_Partner-Alliance_Partenaires_eng.asp)
5. OCI BDM opens application in OCI portal with basic information

Steps 1-3 are **mandatory**. Do not create a joint Alliance-VIP application in the NSERC portal until you are invited to do so.

Review process:

* 4-8 weeks
* NSERC and OCI will issue a joint decision

If you have any questions, or are interested in applying, please contact your Grants Officer.

## Honda Canada Foundation – Grants

**Internal ORS Deadline:** a minimum of 5 days prior to submission*\**  
**External Sponsor Deadline**: Continuous Intake

*\*A hard copy of the complete application package and a* [*Research Grant/Contract Authorization (RGA) Form*](https://shared.uoit.ca/shared/department/research/documents/Research-Grant-Authorization-August-2011.doc) *with all required signatures* ***must*** *be submitted to the ORS contact by the internal deadline.*

**Description:** The Honda Canada Foundation's mission is to enhance the social well-being of Canadian communities through responsible investment in organizations that share our vision and values and focus on youth in our communities.

The Foundation is proud to be involved with charitable purposes that reflect the basic tenets, beliefs and philosophies of the Honda companies. These charities are:

* Imaginative / creative
* Youthful
* Forward thinking
* Scientific
* Humanistic
* Innovative

At the heart of its charitable focus, the Honda Canada Foundation values: education, environment, and engineering. The Foundation uses these three areas as guiding principles in its charitable focus on the belief that a healthy understanding of each area will help both individuals and communities flourish.

* Education: Takes many forms. Ideas that teach and then drive the desire for more knowledge are valuable.
* Environment: Includes both the natural environment and the human environment. We attach great importance to having a positive influence on our country and community from an environmental perspective.
* Engineering: Focuses on helping communities thrive in the future. We embrace the sciences and research as areas that help us understand our world and ourselves.

**Eligibility:** The Honda Canada Foundation will make grants to charitable groups with CRA status such as:

* Educational institutions (primary, secondary, college, university)
* Charitable non-profit organizations
* Scientific and educational charitable non-profit groups
* Education-research organizations
* Other, tax exempt, national institutions in the fields of education, environment, and engineering

**Value:** Not specified

**Details:** [Application PrOCIss](https://www.hondacanadafoundation.ca/apply-for-funding) ; [Application Instructions](https://grant.grantstream.ca/Honda/gsPageGuide.php3)

## Public Health Agency of Canada, Multi-sectoral Partnerships to Promote Healthy Living and Prevent Chronic Disease

*\*A hard copy of the complete application package and a* [*Research Grant/Contract Authorization (RGA) Form*](https://shared.uoit.ca/shared/department/research/documents/Research-Grant-Authorization-August-2011.doc) *with all required signatures* ***must*** *be submitted to the ORS Grants Office a minimum of 5 days before intended deadline.*

**Description:** The Public Health Agency of Canada (Agency) is pleased to invite eligible organizations to submit a “Letter of Intent” (LOI) to advance innovative, multi-sectoral approaches to promote healthy living and prevent chronic disease. Multi-sectoral approaches involving all segments of society - communities, academia, the charitable and not-for-profit sector and the private sector - are required to address complex social issues such as childhood obesity and the prevention of chronic diseases.

The [Integrated Strategy on Healthy Living and Chronic Disease (ISHLCD)](http://www.phac-aspc.gc.ca/fo-fc/mspphl-pppmvs_s10-eng.php#q1) provides a framework for the federal government to promote the health of Canadians and reduce the impact of chronic disease in Canada. The funding programs under the ISHLCD include the [Healthy Living Fund](http://www.phac-aspc.gc.ca/hp-ps/hl-mvs/hlu-umvs/hlfund-fondspmvs-eng.php), the [Canadian Diabetes Strategy](http://www.phac-aspc.gc.ca/cd-mc/diabetes-diabete/strategy_funding-strategie_finance-eng.php), the [Cancer Community-Based Program](http://www.phac-aspc.gc.ca/cd-mc/funding-hlcd-mvsmc-eng.php) and the [Cardiovascular Disease](http://www.phac-aspc.gc.ca/cd-mc/cvd-mcv/index-eng.php) program.

Projects to be funded under the ISHLCD must include a focus on at least one of the following:

* addressing healthy living and healthy weights through a primary prevention initiative
* addressing common risk factors (i.e. unhealthy diet, physical inactivity, tobacco use) applicable to a number of the aforementioned chronic diseases

As part of the Government of Canada's five-year renewal of the Federal Tobacco Control Strategy (FTCS) through Budget 2012, interventions under this program stream will target tobacco as a common risk factor for chronic diseases as reinforced in the [2011 United Nations Declaration on Non-Communicable Diseases](http://www.un.org/en/ga/ncdmeeting2011/pdf/NCD_draft_political_declaration.pdf). The Agency's tobacco investments ensure alignment with broader chronic disease prevention priorities, such as the stakeholder-led National Lung Health Framework.

Projects to be funded under the FTCS must include a focus on at least one of the following:

* building the capacity of tobacco cessation interveners
* reinforcing tobacco prevention and cessation in the workplace
* addressing the elevated risks of urban First Nations people living off-reserve, and Métis people and Inuit people living outside of their traditional communities

**Eligibility:**  Canadian not-for-profit voluntary organizations and corporations; for-profit organizations; unincorporated groups, societies and coalitions; provincial, territorial, regional, and municipal governments and agencies; organizations and institutions supported by provincial and territorial governments (regional health authorities, schools, post-secondary institutions, etc.); individuals deemed capable of conducting population health activities; and non-Canadian recipients may be considered on an exceptional basis; Aboriginal organizations

**Value:** The value of your Agency funding request must be a minimum of $100,000 per year over a minimum of a two-year period. Requests that reflect less than $100,000/year, or are under two years in duration, will not be considered. The maximum value of your Agency funding request cannot exceed $5 million per project. The funding duration must be between 24 months (2 years) and 60 months (5 years). A matched funding ratio of 1:1 is required for funding under the ISHLCD. A minimum of 1:3 matched funding is required for projects funded under the FTCS. Final determination of the matched funding ratio for any particular project rests with the Public Health Agency of Canada.

**Details:**

| [Submitting at Letter of Intent](http://www.phac-aspc.gc.ca/fo-fc/mspphl-pppmvs-eng.php#a4) | [Project Assessment](http://www.phac-aspc.gc.ca/fo-fc/mspphl-pppmvs-eng.php#a5) | [Official LanguagesRequirement](http://www.phac-aspc.gc.ca/fo-fc/mspphl-pppmvs-eng.php#a7) | [FAQ](http://www.phac-aspc.gc.ca/fo-fc/mspphl-pppmvs_s10-eng.php#a10)

## The National Geographic Society, Committee for Research and Exploration Grant Application

**Internal ORS Deadline:** a minimum of 5 days prior to submission*\**  
**External Sponsor Deadline**: Quarterly Deadlines

NGS CRE asks that you submit 10 months before project start date

*\*A hard copy of the complete application package and a* [*Research Grant/Contract Authorization (RGA) Form*](https://shared.uoit.ca/shared/department/research/documents/Research-Grant-Authorization-August-2011.doc) *with all required signatures* ***must*** *be submitted to the ORS contact by the internal deadline.*

**Description**: Applications are generally limited to the following disciplines: anthropology, archaeology, astronomy, biology, botany, geography, geology, OCIanography, paleontology, and zoology.

In addition the committee is emphasizing multidisciplinary projects that address environmental issues (e.g., loss of biodiversity and habitat, effects of human-population pressures).

**Eligibility**: Applicants are expected to have advanced degrees (Ph.D. or equivalent) and be associated with an educational organization or institution. Independent researchers or those pursuing a Ph.D.-level degree may apply, but awards to non-Ph.D. applicants are rare. As a general rule, all applicants are expected to have published a minimum of three articles in peer-reviewed scientific journals. Funding is not restricted to United States citizens. Researchers planning work in foreign countries should include at least one local collaborator as part of their research teams. The committee will not consider applications seeking support solely for laboratory work or archival research. While grants are awarded on the basis of scientific merit and exist independent of the Society's other divisions, grant recipients are expected to provide the Society with rights of first refusal for popular publication of their findings.

**Value**: While grant amounts vary greatly, most range from U.S. $10,000 to $30,000. There is no set quantity of grants awarded, but budget constraints keep the number to approximately 250 per year. Grants funded by the committee are generally for one year's work in the field and laboratory. Committee grants tend to act as seed money and are given for one year's research. Sometimes, but rarely, the committee will fund a maximum of two years of research.

National Geographic Society grants may not be used for indirect costs, overhead, and other expenses not directly related to the project. Fringe benefits are also excluded, as are salaries. Funds may not be used for travel to scientific/professional meetings or conferences, legal actions, land acquisition, endowments, construction of permanent field stations, or publishing research results.

**Details**: <https://www.nationalgeographic.org/funding-opportunities/grants/what-we-fund/>

## NSERC Research Tools and Instruments (RTI) 2023 Competition

**Description:** Research Tools and Instruments (RTI) grants foster and enhance the discovery, innovation and training capability of university researchers in the natural sciences and engineering by supporting the purchase of research equipment.

NSERC will accept requests for:

* tools and instruments that form a comprehensive system intended to support NSERC-funded research in the natural sciences and engineering. A comprehensive system is one in which each tool or instrument forms part of an integrated system of operation to support the research program(s)
* the purchase of new, used or refurbished equipment, for the repair, upgrade or rental of equipment or for the fabrication of equipment that is not readily available off the shelf
* equipment that is purchased or rented after the application deadline

Equipment and items that are part of laboratory infrastructure or intended to render other equipment compliant with health and safety standards are ineligible for RTI support.

**Eligibility: To be eligible to apply for an to hold RTI funds, applicants and co-applicants must each**

1. Meet [NSERC’s eligibility criteria for faculty](https://www.nserc-crsng.gc.ca/NSERC-CRSNG/Eligibility-Admissibilite/faculty-corpsprof_eng.asp), and
2. Hold at least one of the following NSERC grants:

* Discovery Grant
* Discovery Development Grant
* Alliance Grant
* Strategic Partnerships Grant
* Collaborative Research and Development Grant
* Industrial Research Chairs Grant
* Canada Research Chairs
* Canada Excellence Research Chairs
* Canada 150 Research Chairs

\*Applicants and co-applicants may apply to one of the above grants, while concurrently applying to the RTI program. If any applicant or co-applicants does not hold one of the above NSERC grants by the RTI award date, the applicants and/or co-applicants will be deemed ineligible and removed from the application.

**Recent Program Update to Selection Criteria**

1. Need, urgency and suitability (40%)
2. Feasibility and impact (40%), including: “The extent to which the applicant has relevant experience or has presented a training plan to demonstrate how they will gain the ability to fully use the equipment.”
3. Training of highly qualified personnel (HQP) (20%)

**Note on EDI:** Teams should strive for a diverse group of co-applicants and major users, including balanced gender representation. EDI should be developed into the rationale of the composition of research teams and trainees. For more information, refer to the [Guide for Applicants: Considering equity, diversity and inclusion in your application](https://www.nserc-crsng.gc.ca/_doc/EDI/Guide_for_Applicants_EN.pdf)(questions 1 to 4).

**Important**

If applicable, applicants must include two (2) recent quotations for any individual item(s) over $25,000 net or for any system(s) to be purchased from a single supplier and costing more than $25,000 net. If the required number of quotations cannot reasonably be submitted, applicants must provide a clear justification in the *Budget justification* section. *Getting quotes can take time so its best to start requesting these in advance.*

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| **Deadlines** | **Internal deadline for** **full ORS review: October 4, 2022**  **Mandatory ORS deadline (RGA required):** **October 19, 2022 at 9 am**  **NSERC deadline:** **October 25, 2022 at 8:00 pm** |
| **Value** | **up to $150,000** in support of research tools with a **net** **cost** between $7,001 and $250,000.  Net cost is defined as the purchase cost of the equipment after any discount from the vendor and before taxes, customs and importation fees, transportation and shipping charges, and assembly and installation costs. The vendor discount must be free of conditions, restrictions or limitations (e.g., cannot be offered in exchange for services from users benefiting the vendor company). |
| **Duration** | 1 year |
| **Webinars** | **NSERC Webinar Dates**  [Tuesday, September 6, 2022](https://www.nserc-crsng.gc.ca/ResearchPortal-PortailDeRecherche/RP-CCV-Webinar_eng.asp)  [Thursday, September 29, 2022](https://www.nserc-crsng.gc.ca/ResearchPortal-PortailDeRecherche/RP-CCV-Webinar_eng.asp)  **Time**  Both NSERC RTI webinars will be from 1:00 to 2:00 pm (ET)  **Ontario Tech ORS Web Resource** - [Q&A Webinar with Dr Janice Strap](https://research.ontariotechu.ca/faculty/resources/index.php), RTI Adjudication Committee Member |
| **How to apply** | 1. Submit an application through the [Research Portal](https://portal-portail.nserc-crsng.gc.ca/) by deadline date 2. Each applicant and co-applicant must also complete a Canadian Common CV (CCV) and link it to the application 3. If applicable, applicants should include two quotes for items over $25,000 (before taxes) or for any systems to be purchased form a single supplier and costing more than $25,000 (before taxes).   **Important:** in the Budget Justification attachment, applicants provide a clear breakdown of the items requested indicating the subtotal(s), the institutional tax r ate, the total tax and, if applicable, the currency exchange rate(s) and the converted currency total(s) in the table format shown below (as found in the [application instructions](https://www.nserc-crsng.gc.ca/ResearchPortal-PortailDeRecherche/Instructions-Instructions/RTIInstruct-SOIInstruct_eng.asp)).   * For the institutional tax rate, please be sure to use **3.41%** - as this is the equivalent HST rate that Ontario Tech pays after our tax rebates. * To calculate the exchange rate, use the monthly Bank of Canada Exchange Rates: <https://www.bankofcanada.ca/rates/exchange/monthly-exchange-rates/>   Full instructions can be found [here](https://www.nserc-crsng.gc.ca/ResearchPortal-PortailDeRecherche/Instructions-Instructions/RTIInstruct-SOIInstruct_eng.asp). |
| **Resources** | [Program Information](https://www.nserc-crsng.gc.ca/professors-professeurs/rtii-oiri/rti-oir_eng.asp)  [RTI Grant Program Instructions](http://www.nserc-crsng.gc.ca/ResearchPortal-PortailDeRecherche/Instructions-Instructions/RTIInstruct-SOIInstruct_eng.asp)  [RTI Peer Review Manual](http://www.nserc-crsng.gc.ca/_doc/Reviewers-Examinateurs/RTI-OIR_eng.pdf)  [Guide for applicants: Considering equity, diversity and inclusion in your application](https://www.nserc-crsng.gc.ca/_doc/EDI/Guide_for_Applicants_EN.pdf)  [Frequently Asked Questions](https://www.nserc-crsng.gc.ca/_doc/Reviewers-Examinateurs/RTIFAQ-OIRFAQ_eng.pdf)  [Pre-recorded YouTube instructional webinars](https://www.youtube.com/playlist?list=PL6ox0GB7vXYnVnGUKq96dmP9_mCos23IR) (last updated 2021) including: [Completing an Application](https://www.youtube.com/watch?v=t48CW7XGYp4&list=PL6ox0GB7vXYnVnGUKq96dmP9_mCos23IR&index=10)  ORS RTI Tip Sheet (Attached) |
| **For more information** | [resgrant@nserc-crsng.gc.ca](mailto:resgrant@nserc-crsng.gc.ca) or contact Kamla Ross McGregor at [kamla.rossmcgregor@ontariotechu.ca](mailto:kamla.rossmcgregor@ontariotechu.ca) |

## 2022 UNENE Call for Research Collaborative Project (RCP) Proposals

**Description**

As part of its ongoing operations in support of university-based nuclear R&D, UNENE periodically carries out a process to request, evaluate and select proposals of 3-4 years in duration. These proposals are outside of UNENE’s Chair Program and are intended to address a specific need or request. For this year’s Call for Proposals, UNENE is targeting to fund up to 4 projects eligible for an Alliance grant that are typically 3 year in duration (with some exceptions for 4 years), **with UNENE budgeting $28k per year**.

While this Call for Proposals is open in scope, it is helpful for applicants to be aware of the priorities of UNENE industry members. Applicability for NSERC co-funding is an important consideration in proposals, and NSERC views relevance and outcomes toward an industry application as a key factor in their evaluations of Alliance proposals.

**UNENE Member Interests**

1. **Support to operations of the Canadian power reactor fleet**
   1. Optimized aging management of materials and components
   2. better monitoring or prediction of equipment reliability and performance
   3. Improved information management and decision support
   4. More proactive and predictive maintenance, e.g., through improved I&C
   5. Understanding climate change and the impact to NPPs
2. **Support to enhance effectiveness of re-tubing and refurbishment projects**
   1. Robotics advances
   2. Remote monitoring and sensing
   3. Techniques to reduce the duration of projects
3. **Support to decommissioning, waste management and environmental remediation (e.g. Environmental monitoring)**
4. **Support to the implementation of Small and very Small Modular Reactors (SMR, vSMR) for on-grid and/or off-grid applications**
   1. Enabling R&D on fuel, coolant, and/or coolant-material interaction
   2. Evaluation and optimization models to assess economics and effectiveness of      introducing new technologies
   3. Understanding climate change and the impact to new reactors

Applicants are strongly encouraged to engage Industry representatives when preparing proposals.

Applicants with a previously unsuccessful proposal can re-submit an updated and improved proposal, and it will be evaluated as a completely new proposal.

**Important Note**

*Approved proposals* ***must*** *be submitted to the NSERC Alliance grant competition within 6 months of notification by UNENE, otherwise the award is forfeit and UNENE will move to the next qualified proposal.*

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| **Deadlines** | **Proposal for review and mandatory submission of RGA: November 8, 2022**  **UNENE submission deadline: November 15,2022** |
| **Value** | $28,000 per year (maximum) |
| **Duration** | 3 year in duration (with some exceptions for 4 years) |
| **Eligibility** | * Applicants must be faculty members at Canadian universities and must be eligible to receive an NSERC Alliance grant. * Faculty members may be an applicant or co-applicant on only **one** proposal in each competition. * UNENE Research Chairs are not eligible to submit proposals to this call. |
| **How to apply** | Proposals must be submitted on the attached template. **Please note that there are limitations on the page length for each of the boxes in the template.** Applicants are strongly encouraged to abide by the word limits in each box so that their full proposal will be considered by the Review Committee.  **Budget format:** You must specify:   1. UNENE funds requested 2. the overhead cost rate, and 3. the final budget for direct research direct costs including the NSERC match after overhead has been subtracted.   **Submission:**  Please submit your proposals to:   * Dan Tello, 2022 Review Committee Chair ([daniel.tello@cnsc-ccsn.gc.ca](mailto:daniel.tello@cnsc-ccsn.gc.ca)) and * UNENE office ([unene@mcmaster.ca](mailto:unene@mcmaster.ca))   And copy:   * Paul Spekkens, RAC Chair ([P\_Spekkens@hotmail.com](mailto:P_Spekkens@hotmail.com)), * Peter Tremaine, RAC Vice-Chair ([Tremaine@uoguelph.ca](mailto:Tremaine@uoguelph.ca)) * Jerry Hopwood ([jerry.hopwood1@gmail.com](mailto:jerry.hopwood1@gmail.com)). |
| **For more information** | Please contact: [joanne.hui@ontariotechu.ca](mailto:joanne.hui@ontariotechu.ca) |

**Review Process:**

The Research Advisory Committee Chair will convene a small Review Committee comprised of key industry, government and academic representatives.  This committee will review and rank the proposals received, with decisions being informed by the attached Project Ranking Form. The Ranking Form is provided to applicants to aid in their understanding of the criteria by which proposals will be judged.

The Review Committee will provide a recommendation to the UNENE President for decision.

## SSHRC and CMHC National Housing Strategy Longitudinal Outcomes Research Grant

**Objectives and Expected Outcomes**

The overall goal of the SSHRC Partnership Grants for National Housing Strategy Longitudinal Outcomes Research is to support prospective cohort research on outcomes of NHS and other investments in affordable housing. The Canadian Mortgage and Housing Corporation (CMHC) recognizes that housing research requires a multi-disciplinary approach with interjurisdictional data. These public policy challenges transcend the boundaries and parameters set by respective disciplines. As a result, the aim is to assess housing investments that use four main themes in a holistic approach informed by a GBA+ analytical lens:

1. Health, including mental wellbeing and physical health, both self-reported and through a life sciences approach of all ages of the population, including adequate housing (effect of mold and pest, sleep hygiene, air quality, heating and cooling), and suitable housing related to overcrowding.
2. The social outcomes of housing investments on populations in housing precarity, and the links to justice system, with household stability, safety and security, displacement, and social inclusion.
3. Economic outcomes related to employment and income.
4. Better built environments, and the influence on climate change and energy poverty impacts, community resilience of the housing sector, and the related impacts on populations experiencing vulnerability.

**The research must be delivered by multi-disciplinary teams (with members of the academic community that belong to social sciences, life and natural sciences, and engineering working together) to examine areas holistically. The academic community may work in collaboration with CMHC researchers to deliver the work, share knowledge, and interrogate the same data sources.**

Partnership Grants are intended for large teams of post-secondary institutions and organizations of various types that work in formal collaboration. Partnership Grants are expected to respond to the objectives of the SSHRC Insight program.

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| **ORS Internal Deadlines** | Comprehensive Review: Wednesday, October 26, 2022  Mandatory Admin review + RGA Form: Wednesday, November 16, 2022 |
| **Grant Deadline** | **Tuesday, November 22, 2022 at 8:00 pm EST** |
| **Results** | May 2023 |
| **Value** | Up to $410,000 for the first year and up to $1.1 million for the following years for 5 years.  **$4.8 million is available for the entire fund (It is expected that this will be split between two applicant teams).** |
| **Duration** | 5 years |
| **Awards Announced** | March 2023 |
| **Webinar** | Tuesday, September 13, 2022 @ 1 – 2 pm. [Register on Teams.](https://teams.microsoft.com/registration/ify3OOjb0U6niznftqIXqA,L679vzYleU-MMBR6DUiwdQ,l1QhdFg320a6t0S9y2boAg,0GVsBtdCKUWIxcBvK6nJkg,NvknNuGApUCRzXjHaY0hIg,EKWKZJRdmkCMkghaaOylHw?mode=read&tenantId=38b7fc89-dbe8-4ed1-a78b-39dfb6a217a8&skipauthstrap=1) |
| **Applicant Eligibility** | The **project director** must  be affiliated with the host institution (the applicant),  and prepares the application on behalf of the host institution and the formal partnership.  **Co-directors or co-applicants**:  • Canadian: eligible post-secondary institution; not-for-profit organization; philanthropic foundation; think tank; or municipal, territorial or provincial government  • Postdoctoral researchers who are affiliated with a post-secondary institution are eligible to be co-directors or co-applicants.  PhD candidates are eligible to be co-directors or co-applicants under the same conditions as those described for an applicant.  **CMHC will consider it a strength of the proposal if teams are diverse.** |
| **Partners** | **Partner organizations can be Canadian or international institutions or organizations (public, private, not-for-profit or any type)** |
| **How to apply** | [Program details](chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https:/assets.cmhc-schl.gc.ca/sites/cmhc/professional/project-funding-and-mortgage-financing/funding-programs/all-funding-programs/longitudinal-outcomes-research/nhs-longitudinal-outcomes-research-details-en.pdf?rev=941b724d-d966-4b74-8101-0ef124b085a9)  [Instructions](chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https:/assets.cmhc-schl.gc.ca/sites/cmhc/professional/project-funding-and-mortgage-financing/funding-programs/all-funding-programs/longitudinal-outcomes-research/nhs-longitudinal-outcomes-research-instructions-en.pdf?rev=a5e9f610-acff-43fc-84dc-a98002a6b8cd)  [Web CV, application form](https://www.convergence.gc.ca/en/) |
| **For more information** | Applicants are welcome to contact CMHC staff at [research@cmhc-schl.gc.ca](mailto:research@cmhc-schl.gc.ca) *or* SSHRC at [partnershipgrant@sshrc-crsh.gc.ca](mailto:partnershipgrant@sshrc-crsh.gc.ca)  You can also contact: [Raluca Dubrowski](mailto:raluca.dubrowski@ontariotechu.ca) |

## SSHRC Knowledge Synthesis Grant – Shifting Dynamics of Privilege and Marginalization

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| **Value** | $30,000 |
| **Duration** | 1 year |
| **Application deadline** | December 15, 2022 (8 p.m. eastern) |
| **Results announced** | March 2023 |
| **Apply** | [Grant Information](https://www.sshrc-crsh.gc.ca/funding-financement/programs-programmes/ksg_sdpm-ssc_edpm-eng.aspx)  [Web application form](https://webapps.nserc.ca/SSHRC/faces/logon.jsp?lang=en_CA)  [Instructions](https://www.sshrc-crsh.gc.ca/funding-financement/instructions/ksg_sdpm-ssc_edpm-eng.aspx) |

**Description**

SSHRC, with additional funding from Genome Canada to support key issues related to genomics, is launching this Knowledge Synthesis Grants funding opportunity to foster a deeper understanding of the state of knowledge about the shifting dynamics of privilege and marginalization brought about by a variety of factors, such as old and recent socio-political events; new technologies, including genomics; the new mis/information age; and the COVID-19 pandemic. All have contributed to a more volatile and uncertain future. The resulting syntheses will identify roles that the academic, public, private and not-for-profit sectors could play in promoting a more cohesive and equitable environment, and can inform the development of effective tools and technologies, robust policies, and sustainable practices required to support the path toward a prosperous and equitable future for all Canadians.

**Knowledge Synthesis Grants support researchers in producing knowledge synthesis reports and evidence briefs that:**

* support the use of evidence in decision-making and the application of best practices; and
* assist in developing future research agendas.

**Objectives**

1. **State of knowledge, strengths and gaps**
   * critically assess the state of knowledge of the future challenge theme under consideration from a variety of sources, as appropriate;
   * identify knowledge strengths and gaps within the theme; and
   * identify the most promising policies and practices related to the theme.
2. **Research data**
   * assess the quality, accuracy and rigour (i.e., methodological approaches) of current work in the field; and
   * identify strengths and gaps in the quantitative and qualitative data available.
3. **Knowledge mobilization**
   * engage cross-sectoral stakeholders (academic, public, private and not-for-profit sectors) and/or First Nations, Métis and Inuit rights holders throughout the project to mobilize knowledge related to promising policies and practices; and
   * use effective knowledge mobilization methods to facilitate the sharing of research findings with cross-sectoral stakeholders and Indigenous rights holders.

Researchers can include international comparisons and case studies in their proposal, but must demonstrate how the research has the potential to inform policy issues in Canada.

**Themes**

The themes below illustrate some of the many interconnected issues that encompass the global challenge of Shifting Dynamics of Privilege and Marginalization. The themes are intended to provide guidance to applicants; proposals on other issues relevant to this future challenge are welcome. The themes include:

* An uncertain, divided world
* Identities, privileges and opportunities
* Accessibility
* Sense making
* Life sciences and genomics

**Applicant Eligibility**

Applications can be submitted by an individual researcher or a team of researchers (consisting of one [applicant](https://www.sshrc-crsh.gc.ca/funding-financement/programs-programmes/definitions-eng.aspx#a1) and one or more [co-applicants](https://www.sshrc-crsh.gc.ca/funding-financement/programs-programmes/definitions-eng.aspx#a4) and/or [collaborators](https://www.sshrc-crsh.gc.ca/funding-financement/programs-programmes/definitions-eng.aspx#a5)).

Applicants must be affiliated with a Canadian institution that holds institutional eligibility before funding can be released (see below). Researchers who maintain an affiliation with a Canadian institution that holds institutional eligibility, but whose primary affiliation is with a non-Canadian postsecondary institution, are not eligible for [applicant](https://www.sshrc-crsh.gc.ca/funding-financement/programs-programmes/definitions-eng.aspx#a1) status.

Applicants (or project directors, where applicable) who have received a SSHRC grant of any type but have failed to submit an [end of grant report / achievement report](https://www.sshrc-crsh.gc.ca/funding-financement/using-utiliser/achievement-realisation/reports-rapports-eng.aspx) by the deadline specified in their Notice of Award are not eligible to apply for another SSHRC grant until they have submitted the report.

**Postdoctoral researchers** are eligible to be applicants if they have formally established an affiliation with an eligible institution at the time of application and maintain such an affiliation for the duration of the grant period.

**Important Dates**

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| **Comprehensive Review**  Submit your draft proposal and budget to ORS for a full in-depth review | **November 24, 2022** |
| **Administrative Review (Mandatory)**  Submit your final proposal, budget and RGA form signed by your Dean to ORS for an administrative review. ORS will flag any major issues. | **Friday,**  **December 9, 2022** |
| **Submission of complete application**  ORS submits your proposal to SSHRC | **Thursday, December 15, 2022** |

**Questions?**

Contact [KSG-SSC@sshrc-crsh.gc.ca](mailto:KSG-SSC@sshrc-crsh.gc.ca) or [Raluca Dubrowski](mailto:raluca.dubrowski@ontariotechu.ca)

## 2023 CIFAR Azrieli Global Scholars Program

**Description**

The [CIFAR Azrieli Global Scholars program](https://cifar.ca/next-generation/global-scholars/) is accepting applications from early-career researchers who are within the first five years of starting a full-time research position at an institution of higher education.

CIFAR’s global research programs connect many of the world’s leading researchers — across disciplines and borders — to shape new perspectives and spark ground-breaking ideas. A central feature of every CIFAR research program is the sustained interaction among its Fellows. Each program assembles a unique combination of top-tier researchers who contribute different disciplinary perspectives and research approaches to collectively tackle a complex challenge facing the world. Program members meet in-person usually twice per year over a five-year, renewable period. This sustained pattern of interaction engenders a “safe” environment where Fellows freely share and debate new ideas and research-in-progress. They become inspired to think creatively, disruptively and without limitations and to pursue innovative new collaborations with one another. Through this simple model, CIFAR’s programs are able to expand the boundaries of understanding in ways that would otherwise not be possible.

**Research programs accepting applications:**

* [Boundaries, Membership & Belonging](https://cifar.ca/research-programs/boundaries-membership-belonging/)
* [Brain, Mind & Consciousness](https://cifar.ca/research-programs/brain-mind-consciousness/)
* [Earth 4D: Subsurface Science & Exploration](https://cifar.ca/research-programs/earth-4d/)
* [Fungal Kingdom: Threats & Opportunities](https://cifar.ca/research-programs/fungal-kingdom/)
* [Innovation, Equity & the Future of Prosperity](https://cifar.ca/research-programs/innovation-equity-the-future-of-prosperity/)

**Benefits**

1. A two-year term in a [CIFAR research program](https://cifar.ca/research-programs/), a global, interdisciplinary network of leading researchers
2. $100,000 CAD in unrestricted research support
3. Mentorship from a senior researcher within a CIFAR research program
4. Opportunities to network, collaborate and form a community with peers from diverse disciplines
5. Specialized leadership and communication skills training, and support to put your skills into action

**CIFAR expects awardees to fulfill the following requirements:**

• Attend the in-person interaction meetings of your designated CIFAR research program. Programs generally meet twice per year. Meetings are held in various locations around the world.

• Attend CIFAR Azrieli Global Scholar  annual meetings (in-person, usually held  in May or June.)

• Attend at least two virtual leadership development workshops for CIFAR Azrieli Global Scholars per year.

• Report on your successes and activities annually, and where possible and appropriate, interact with CIFAR stakeholders and funders.

• Acknowledge CIFAR by using ‘CIFAR Azrieli Global Scholar’ in your professional signature and indicating CIFAR as an affiliation. You should also acknowledge CIFAR as a funder in research publications and presentations supported by this program’s funding.

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| **ORS Internal Deadlines** | Comprehensive Review: September 28, 2022  Mandatory Admin review + RGA Form: October 19, 2022 |
| **Grant Deadline** | **October 25, 2022 (at 11:59 PM Pacific Daylight time (UTC – 7)** |
| **Notification of shortlist** | January 24, 2023 |
| **Virtual Interview**  **(by invitation only)** | March 22-24, 2023 |
| **Results** | April 2023 |
| **Value** | $100,000 |
| **Success Rate** | 6% |
| **Duration** | 2 years |
| **Applicant Eligibility** | **Applicants must hold a PhD have started their first full-time research position with independent research and supervision/teaching responsibilities no earlier than July 1, 2018**. If medical or parental leave was taken, then eligibility will be extended by the equivalent length of the leave.  Post-doctoral fellows are not eligible to apply.  Scholars’ research interest should complement the themes and goals of a recruiting CIFAR research program |
| **How to apply** | [Program Overview](chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https:/cifar.ca/wp-content/uploads/2022/08/GlobalScholar_ProgramOverview2022.pdf)  [Application](https://cifarportal.smapply.io/) |
| **For more information** | Contact CIFAR at[info@cifar.ca](mailto:info@cifar.ca)  Contact your Faculty Grants Officer:  [Joanne Hui](mailto:joanne.hui@ontariotechu.ca) or [Raluca Dubrowski](mailto:raluca.dubrowski@ontariotechu.ca) |

## NSERC-CNSC SMR Research Grant Initiative

**Description**

Small modular reactors (SMRs) offer a promising pathway to support Canada’s low carbon energy transition and are expected to be less complex, easier to operate and more cost effective than current nuclear technology. The Government of Canada has determined that support to develop this technology can position Canada as a clean energy leader; support the decarbonization of provincial electricity grids; facilitate the transition away from diesel power in remote communities; and help decarbonize heavy emitting industries. It is important that SMRs are deployed in a safe and secure manner and that regulatory decisions are based on solid science.

Through funding provided in Budget 2022, the Canadian Nuclear Safety Commission  (CNSC) and the NSERC are partnering to fund research to support effective and efficient regulation and regulatory oversight of SMRs.

The CNSC’s mandate involves four major areas:

* Regulation of the development, production and use of nuclear energy in Canada to protect health, safety and the environment
* Regulation of the production, possession, use and transport of nuclear substances, and the production, possession and use of prescribed equipment and prescribed information
* Implementation of measures respecting international control of the development, production, transport and use of nuclear energy and substances, including measures respecting the non-proliferation of nuclear weapons and nuclear explosive devices
* Dissemination of scientific, technical and regulatory information concerning the activities of CNSC, and the effects on the environment, health and safety of persons, of the development, production, possession, transport and use of nuclear substances

This joint initiative will support university research on small modular reactors. This initiative will enhance research and knowledge, supporting the deployment of SMRs in a safe and secure manner and strengthening the science needed for regulatory decisions. The NSERC-CNSC Small Modular Reactors Research Grant Initiative is intended to support activities that will:

* increase the scientific information available to support regulatory decision-making and oversight
* increase capacity to regulate SMRs
* enhance the capabilities of Canadian universities to undertake research related to SMRs
* increase training and help produce a new generation of nuclear scientists, engineers and policy-makers

**Research proposals must address one or more of the following specific research challenges and knowledge gaps:**

* **Chemistry and materials**

1. Consequences of high temperature on reactor components
2. Chemistry control for various materials and fuel types

* **Environmental and radiological protection**

1. Source term characterization
2. Geotechnical and effect of the environment on SMR design and operation
3. Emergency planning

* **Human and organizational factors**

1. Interface design – Opportunity costs and benefits of analogue, digital and mixed displays suites for use in control and monitoring of complex environments
2. Impact of digital control rooms on situational awareness and the use of decision-aiding systems
3. Impact of digital control rooms on operator workload and vigilance

* **Safeguards and security**

1. Cyber security
2. Effects of SMR deployment in unconventional locations on conventional safeguards inspection and verification methods
3. Security of SMRs

* **Novel fuel compositions**

1. Safeguards, nuclear material accountancy and non-proliferation impacts from the introduction of new fuel and associated fuel manufacturing techniques

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| **Full application** | ORS deadline for comprehensive review: November 14, 2022  **Mandatory ORS deadline to submit RGA and Admin review: Tuesday, December 6, 2022**  Agency Deadline: **Tuesday, December 13, 2022 (at 8 p.m. Eastern Time)**  **Applications must be submitted in the NSERC online system by 9am** |
| **Value** | Up to $120,000 per year (fully funded by NSERC) |
| **Duration** | Up to 3 years  *\*A second funding call is expected in 2025 to either extend existing projects and/or fund new projects for a two or three-year duration* |
| **Competition budget** | $15 million over five years. |
| **How to apply** | All applicants must complete apply through the [NSERC Online system](https://ebiz.nserc.ca/nserc_web/nserc_login_e.htm). Please use the following [Proposal Template](https://www.nserc-crsng.gc.ca/_doc/Professors-Professeurs/CNSC-CCSN-Template_e.docx) (maximum 10 pages).  NSERC Online System Note: Form 101   1. Under *List*, select *Research Partnerships Programs* and then *Alliance grants* 2. For the *Proposal Type*, select *Full proposal* 3. For the *Type of call*, select *CNSC Small Modular Reactors* from the list   See the [Instructions for completing the application](https://www.nserc-crsng.gc.ca/OnlineServices-ServicesEnLigne/instructions/101/CNSC-CCSN_eng.asp) for more information. Other useful resources to assist in the completion of your application include [NSERC Guide for Applicants: Considering EDI](https://www.nserc-crsng.gc.ca/_doc/EDI/Guide_for_Applicants_EN.pdf) |
| **Eligibility** | * **PI or Co-Applicants**: must be a Canadian university researcher who is eligible to receive NSERC funds   + **Only one application** per researcher will be accepted under the call (as either applicant or co-applicant). * **Collaborators**: federal, provincial or municipal government organizations or laboratories   + **private sector partners are excluded from the current call** |
| **For more information** | Consult the [program website](https://www.nserc-crsng.gc.ca/Innovate-Innover/CNSC-CCSN_eng.asp), or contact the [program officer](mailto:RP-Initiatives-PR@nserc-crsng.gc.ca) or your Faculty Grants Officer:  EAS, BIT: [joanne.hui@ontariotechu.ca](mailto:joanne.hui@ontariotechu.ca)  HSC, SCI, SSH, EDU: [raluca.dubrowski@ontariotechu.ca](mailto:raluca.dubrowski@ontariotechu.ca) |