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## **NSERC Alliance International Collaboration Quantum Grants**

### **Sponsor**

NSERC

### **Program**

Alliance International Collaboration Quantum Grants

### **For More Information**

[NSERC Alliance Quantum Grants](#) [1]

[NSERC Alliance International Collaboration Quantum Grants](#) [2]

[Revised Guidelines on assessment of contributions to research, training, and mentoring](#) [3]

[Alliance Grants: Equity, diversity and inclusion in training plans](#) [4]

[NSERC guide on integrating equity, diversity and inclusion considerations in research](#) [5]

[Equity, Diversity and Inclusion Resource Document for Researchers](#) [6]

[U of G Guide for Completing the National Security Guidelines for Research Partnerships' Risk Assessment Form - NSERC Alliance](#) [7]

[NSERC Alliance Grants - National Security Guidelines for Research Partnerships](#) [8]

[Safeguarding your Research Portal](#) [9]

### **Description**

Alliance International Collaboration Quantum grants are intended to fund joint international projects that have been peer-reviewed and awarded by the national funding agency of the international academic collaborator(s). If the international project has been awarded a four- or five-year grant, it must be made clear in the international proposal that the Canadian team will only be involved for up to the first three years.

Proposals may address any challenges in quantum science, but their thrust must aim to

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advance one or more of the [NQS missions](#) [10] by advancing research in any of the following areas of quantum technologies, or a combination thereof:

- quantum algorithms/encryption, including post-quantum cryptography
- quantum communications
- quantum computing
- quantum materials
- quantum sensing.

Proposals may also synergistically couple any of these quantum technology thrusts to other research topics in the natural sciences and engineering. Proposals that do not address one or more of the [NQS missions](#) [10] may be removed from consideration.

### Eligibility

Alliance International Collaboration Quantum grants are intended to fund joint international projects that have been peer-reviewed and awarded by the national funding agency of the international academic collaborator(s). If the international project has been awarded a four- or five-year grant, it must be made clear in the international proposal, that the Canadian team will only be involved for up to the first three years.

The primary applicant and any Canadian co-applicants must hold, as a primary applicant, an active NSERC peer-reviewed grant at the time of application. For this call, researchers are limited to one application as either applicant or co-applicant. This limit applies to Alliance International Collaboration Quantum grants and does not count against application limits for other Alliance International grants or calls.

Potential applicants are encouraged to review [NSERC's eligibility criteria](#) [11] for applicants.

### Funding Availability

\$30,000 to up to \$300,000 per year for up to 3 years

### Indirect Costs

0%

### Project Duration

Up to 3 years

### Special Notes

## Application Review/Communication of Funding Decisions

You can apply at any time up until January 31, 2024. As this is a continuous intake process, applications will be assessed upon receipt and funding decisions will be communicated within 5 to 9 weeks from the date NSERC receives the complete application.

## Safeguarding Your Research

At all times, Canadian researchers are encouraged to exercise appropriate levels of due diligence when managing their research and establishing and/or continuing partnerships with national, international and multinational partners. Resources to do so are provided by the Government of Canada on the Safeguarding Your Research portal, including the National Security Guidelines for Research Partnerships.

## Deadlines

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

Type	Date	Notes
<b>Internal Deadline</b>		Applications to NSERC will be accepted anytime up until January 31, 2024.  OR-5 and full application must be submitted to the Office of Research Services (research.services@uoguelph.ca) a minimum of two (2) weeks prior to the intended submission date to NSERC, <b>no later than January 17, 2024</b> . Please be sure to "submit" in NSERC's online system.
<b>External Deadline</b>	Wednesday, January 31, 2024 - 4:30pm	The Office of Research Services will submit the full application on behalf of the applicant to NSERC through their online system.

## How to Apply

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You can apply at any time up until January 31, 2024.

To start your application:

- log in to the [online system](#) [12] and choose 'Create a new form 101'
- select 'Research partnerships programs', then 'Alliance grants'
- for the 'Proposal type' field, select 'Full proposal'
- for the 'Type of call' field, select 'International - Collaboration - Quantum' from the drop-down menu

Following the [instructions for completing an Alliance International grants application](#) [13], fill out the proposal template (attached below) and complete the other sections of your application. Submit your application and all other documents as required for an Alliance International Collaboration grants application via NSERC's online system.

### Important note

In your proposal, under Relevance and expected outcomes, you should:

- outline the objectives of the proposed international collaboration and explain the potential outcomes and impacts
- explain how the international collaboration will address important research challenges in the natural sciences and engineering disciplines, **as well as in quantum science and/or technologies, and how its thrust aims to advance one or more of the [NQS missions](#) [10]**
- describe the global importance of the topic and how the expected outcomes could benefit Canada.

Complete the other sections of your proposal as per the instructions and bullets provided in the proposal template.

### Information For Co-applicants

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

### Attachment(s)

Attachment





Size

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Attachment	Size
 <a href="#">Proposal Template</a> [14]	232.69 KB
 <a href="#">Presentation on Alliance Quantum grants and Alliance Consortia Quantum grants: slides with notes</a> [15]	373.54 KB
 <a href="#">Alliance International application checklist</a> [16]	80.24 KB
 <a href="#">Alliance International Merit Indicators</a> [17]	58.93 KB

For Questions, please contact

Email [alliance\\_quantumquantique@nserc-crsng.gc.ca](mailto:alliance_quantumquantique@nserc-crsng.gc.ca) [18]

### Office of Research

Rachel Lee, Senior Grants and Contracts Specialist

Research Services Office

[rachell@uoguelph.ca](mailto:rachell@uoguelph.ca) [19]

Alert Classifications **Category:**

Funding Opportunities and Sponsor News

### Disciplines:

Health and Life Sciences

Information and Communications Technology

Physical Sciences and Engineering

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### Source

URL: <https://www-research.uoguelph.ca/research/alerts/content/nserc-alliance-international-collaboration-quantum-grants>

### Links

[1] [https://www.nserc-crsng.gc.ca/Innovate-Innover/alliance\\_quantum-alliance\\_quantique/index\\_eng.asp](https://www.nserc-crsng.gc.ca/Innovate-Innover/alliance_quantum-alliance_quantique/index_eng.asp)

[2] [https://www.nserc-crsng.gc.ca/Innovate-Innover/aicq-cqai\\_eng.asp](https://www.nserc-crsng.gc.ca/Innovate-Innover/aicq-cqai_eng.asp)

[3] <https://www.uoguelph.ca/research/alerts/content/nserc-releases-revised-guidelines-contributions>

[4] [https://www.nserc-crsng.gc.ca/innovate-innover/alliance-alliance/edi\\_training-edi\\_formation\\_eng.asp](https://www.nserc-crsng.gc.ca/innovate-innover/alliance-alliance/edi_training-edi_formation_eng.asp)

[5] [https://www.nserc-crsng.gc.ca/NSERC-CRSNG/Politiques-Politiques/EDI\\_guidance-Conseils\\_EDI\\_eng.asp](https://www.nserc-crsng.gc.ca/NSERC-CRSNG/Politiques-Politiques/EDI_guidance-Conseils_EDI_eng.asp)

[6] <https://www.uoguelph.ca/research/alerts/content/equity-diversity-and-inclusion-edi-resource-document-researchers>

[7] <https://www.uoguelph.ca/research/secure/for-researchers/other/university-guelph-guide-completing-national-security-guidelines-research-partnerships-risk>

[8] <https://www.uoguelph.ca/research/alerts/content/nserc-alliance-grants-%E2%80%93-national-security-guidelines-research-partnerships>

[9] [https://www.ic.gc.ca/eic/site/063.nsf/eng/h\\_97955.html](https://www.ic.gc.ca/eic/site/063.nsf/eng/h_97955.html)

[10] <https://ised-isde.canada.ca/site/national-quantum-strategy/en/canadas-national-quantum->

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[11] [https://www.nserc-crsng.gc.ca/NSERC-CRSNG/Eligibility-Admissibilite/faculty-corpsprof\\_eng.asp](https://www.nserc-crsng.gc.ca/NSERC-CRSNG/Eligibility-Admissibilite/faculty-corpsprof_eng.asp)

[12] [https://ebiz.nserc.ca/nserc\\_web/nserc\\_login\\_e.htm](https://ebiz.nserc.ca/nserc_web/nserc_login_e.htm)

[13] [https://www.nserc-crsng.gc.ca/OnlineServices-ServicesEnLigne/instructions/101/AllianceInternational\\_eng.asp](https://www.nserc-crsng.gc.ca/OnlineServices-ServicesEnLigne/instructions/101/AllianceInternational_eng.asp)

[14] [https://www-research.uoguelph.ca/research/alerts/sites/default/files/attachments/Proposal\\_Template-Alliance\\_International\\_Grants\\_e%20%282%29.docx](https://www-research.uoguelph.ca/research/alerts/sites/default/files/attachments/Proposal_Template-Alliance_International_Grants_e%20%282%29.docx)

[15] [https://www-research.uoguelph.ca/research/alerts/sites/default/files/attachments/Alliance\\_quantum\\_consortia\\_presentation\\_notes\\_e%20%281%29.pdf](https://www-research.uoguelph.ca/research/alerts/sites/default/files/attachments/Alliance_quantum_consortia_presentation_notes_e%20%281%29.pdf)

[16] [https://www-research.uoguelph.ca/research/alerts/sites/default/files/attachments/AIChecklist\\_e.pdf](https://www-research.uoguelph.ca/research/alerts/sites/default/files/attachments/AIChecklist_e.pdf)

[17] [https://www-research.uoguelph.ca/research/alerts/sites/default/files/attachments/InternationalMerit\\_e%20%281%29.pdf](https://www-research.uoguelph.ca/research/alerts/sites/default/files/attachments/InternationalMerit_e%20%281%29.pdf)

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[19] <mailto:rachell@uoguelph.ca>