People. Discovery. Innovation.
Les gens. La découverte. L’innovation.
Research Tools and Instruments Program Information Session

2017 competition
Research Tools and Instruments Program Overview

Conference number 1-877-413-4788
OR 613-960-7513 (local Ottawa number ONLY)

Conference ID 5248493

Link http://nsersofcanada.adobeconnect.com/complete-application/
Research Tools and Instruments Program

- The main objective of the program is to promote and maintain a diversified base of high-quality research capability in the natural sciences and engineering (NSE) in Canadian universities by supporting the purchase of research equipment.

- RTI grants are **one-year awards** of up to $150,000 that assist in the purchase or fabrication of (custom made) research equipment with a net cost between $7,001 and $250,000 (excluding taxes, shipping and handling).
Eligibility of the request

NSERC will only accept requests:

- for tools and instruments that form a comprehensive system intended to support NSERC-funded research in the natural sciences and engineering (bundling of unrelated tools and instruments, or of duplicate tools and instruments intended for different uses, will not be accepted);

- for the purchase of new, used, or refurbished equipment, or for the repair or upgrade of equipment, or for the fabrication of equipment that is not readily available off the shelf; and

- for equipment that is purchased after the application deadline

Note: Equipment and items that are part of laboratory infrastructure or intended to render other equipment compliant with health and safety standards are not eligible for RTI support (Instead use the Research Support Fund: formerly Indirect Costs Program)
## Eligible and ineligible expenses

<table>
<thead>
<tr>
<th>Type of Expenditure</th>
<th>Eligible Costs</th>
<th>Ineligible Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Equipment</strong></td>
<td>Purchase or rental of equipment including taxes, shipping, and handling</td>
<td></td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td>- Transportation / shipping costs for purchased equipment</td>
<td>- Salaries and benefits</td>
</tr>
<tr>
<td></td>
<td>- Fabrication, assembly, and installation of the equipment</td>
<td>- Travel</td>
</tr>
<tr>
<td></td>
<td>- Extended warranty or service contract</td>
<td>- Insurance costs for equipment and research vehicles</td>
</tr>
<tr>
<td></td>
<td>- Brokerage and customs charges for the importation of equipment and supplies</td>
<td>- Laboratory infrastructure</td>
</tr>
<tr>
<td></td>
<td>- Testing/calibration costs</td>
<td>- Costs of the construction, renovation or rental of laboratories or supporting facilities</td>
</tr>
<tr>
<td></td>
<td>- On-site costs of training staff to use equipment</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Software licensing or upgrades</td>
<td></td>
</tr>
</tbody>
</table>
Subject Matter Eligibility

- With respect to subject matter eligibility, applicants should specifically note how equipment purchased with RTI funds will be used, as the intent is for equipment grants to foster and enhance the discovery, innovation, and training capability of university researchers in the natural sciences and engineering (NSE).

- Researchers may also have Canadian Institutes of Health Research (CIHR) and other health-related funding, and may find their RTI-funded equipment also useful for that research; however, the primary and majority of the RTI equipment use must be for NSE research.
Eligibility of the applicants

Applicants and co-applicants must:

- be eligible to apply for and to hold NSERC funds (Eligibility Criteria for faculty)
- each currently hold*, or be applying* for one of the following NSERC research grants at the time of application: Discovery Grant, Strategic Partnerships Grants, Collaborative Research and Development Grants, Canada Research Chairs, and/or Canada Excellence Research Chairs.

* as an applicant or a co-applicant

Specifically in the case of adjunct professors with a full-time position in industry or government, they may only be co-applicants on an RTI request.
Applying to the Research Tools And Instruments Program
Application process for Research Tools and Instruments Program

- Deadline: October 25th (Mandatory)
  - Electronic submission only through the Research Portal

- **A complete submission includes:**
  - Proposal (limit of three pages)
  - Budget Justification (limit of two pages)
  - Quotations (2) for items or systems costing more than $25,000 before taxes
  - Letter from organization(s) confirming cash contributions towards the purchase of the equipment (other than the applicant’s and/or co-applicants’ institution(s))
  - NSERC Researcher CCV for each applicant and co-applicant
Application process for Research Tools and Instruments Program

- Instructions are available on NSERC’s website

- The application and CCV(s) must be submitted to your institution's research grants office by the internal deadline date (contact your research grants office for that deadline)

- The institution will then consider which applications to submit to NSERC on the basis of its own internal selection process (current quota is 700)
Confirmation of financial contributions

- If a cash contribution towards the purchase is provided by an organization (other than the applicants' institution[s]), a letter from the organization(s) confirming this commitment **is required**

- Such letters must clearly explain the financial contribution that the organization will provide to the purchase of the equipment

- Cash contributions from applicants’ Discovery Grants do not require written authorization from NSERC

- The use of funds from other types of NSERC grants must be accompanied by evidence that authorization was obtained from NSERC
## RTI application content

<table>
<thead>
<tr>
<th>Application Module</th>
<th>Complementary info in CCV</th>
<th>Applicant Co-applicants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summary of proposal</td>
<td>Max. 2500 characters (1/2 page)</td>
<td>Applicant</td>
</tr>
<tr>
<td>Proposal</td>
<td>3 pages PDF attachment</td>
<td>Applicant</td>
</tr>
<tr>
<td>Time to be devoted to research/activity</td>
<td>In hours per month</td>
<td>Applicant &amp; Co-applicants</td>
</tr>
<tr>
<td>Past contributions to HQP</td>
<td>Max.2500 characters (1/2 page)</td>
<td>Applicant &amp; Co-applicants</td>
</tr>
<tr>
<td>Additional information on contributions</td>
<td>Max.2500 characters - to discuss order of authors, role, venues</td>
<td>Applicant &amp; Co-applicants</td>
</tr>
<tr>
<td>Application Module</td>
<td>Complementary info in CCV</td>
<td>Applicant Co-applicants</td>
</tr>
<tr>
<td>--------------------------------------------------------</td>
<td>----------------------------</td>
<td>-------------------------</td>
</tr>
<tr>
<td>Budget Justification</td>
<td>2 pages PDF attachment</td>
<td>Applicant</td>
</tr>
<tr>
<td>Relationship to other source of support (explanation)</td>
<td>Max.10000 characters (2 pages)</td>
<td>X</td>
</tr>
<tr>
<td>Most significant contributions</td>
<td>Max.7500 character (1.5 pages)</td>
<td>X</td>
</tr>
<tr>
<td>Two Quotations</td>
<td>PDF (file size limit of 10Mb each) of 2 quotations for items more than $25,000</td>
<td>Applicant</td>
</tr>
<tr>
<td>Confirmation of financial contributions</td>
<td>PDF (File size limit of 10Mb)</td>
<td>Applicant</td>
</tr>
</tbody>
</table>
Submitting a Research Tools and Instruments application

- Select the Evaluation Group that best fits your research discipline
- Your suggestion is used for the preliminary assignment of your application to the appropriate RTI selection committee
- NSERC makes the final decision on the assignment.

RTI Selection Committees/
DG Evaluation Groups

- Genes, Cells & Molecules: Genes, Cells & Molecules (1501)
- Biological Systems & Functions: Biological Systems & Functions (1502)
- Environment Sciences: Evolution and Ecology (1503)
  Geosciences (1506)
- Chemistry: Chemistry (1504)
- Physics: Physics (1505)
- Computer, Mathematical & Statistical Sciences: Computer Sciences (1507)
  Mathematics & Statistics (1508)
- Engineering: Civil, Industrial & Systems Engineering (1509)
  Electrical & Computer Engineering (1510)
  Materials & Chemical Engineering (1511)
  Mechanical Engineering (1512)
Evaluation of Research Tools and Instruments Applications
Evaluation criteria

- Excellence of the applicant(s);
- Merit of the proposed research program(s);
- Need and urgency of the equipment - including availability of, and access to, similar equipment*;
- Suitability of the proposed equipment for the proposed research program(s); and
- Importance of the equipment for the training of highly qualified personnel.

* It is important that the proposal clearly demonstrates the need and urgency for the equipment.
Excellence of the applicant(s)

- Scientific or engineering calibre of the applicant and major users
- Extent to which the applicant or the group has relevant experience and demonstrated ability to fully use the equipment

Additional factors related to this criterion

Section 4.4.1 of the Discovery Grants Peer Review Manual

- Knowledge, expertise, and experience.
- Contributions to, and impact on, proposed and other areas of research in the natural sciences an engineering.
- Assessment based on the quality and impact of contributions.
- Assessment based on achievements demonstrated over past 6 years.
Merit of the proposed research program(s)

- Overall quality of the research programs of proposed users
- Feasibility of the research program(s)
- Potential for major advances in the discipline

Additional factors related to this criterion:

Section 4.4.2 of the Discovery Grants Peer Review Manual

- Originality and innovation
- Significance and expected contributions to research; potential for impact
- Clarity and scope of objectives
- Clarity and appropriateness of methodology
- Feasibility of program
- Appropriateness of budget
Need and urgency for the equipment

(including availability of, and access to, similar equipment)

- What is the impact of a delay in acquisition of equipment?
- Will new equipment move the research forward or help to launch new research directions?
- Will the progress of the research be slowed by lack of access to new equipment?
- Is there a problem in accessing existing equipment (e.g., is the increased number of users slowing research progress)?
- Are there other available facilities/services in the vicinity?
- Is there a limited institutional infrastructure?
- Is there need to upgrade/replace obsolete or failed items?
The suitability of the proposed equipment for the proposed research program(s)

- For multi-user applications, is the proposed equipment suitable for a multi-user facility and for the desired applications?
- Is the equipment essential to do the work, or are there other more cost effective ways of obtaining the results (e.g., send samples for analysis, use other techniques)?
- What is the probable degree of utilization by or accessibility for users?
- What is the capability of applicant(s) to fully utilize the equipment?
- How accessible will the equipment be, both in terms of location and the availability of technical support to assist in operations?
Importance of the equipment for the training of highly qualified personnel (HQP)

- The importance of the equipment for training as well as the value of the training
- Will this type of training be a marketable skill for students?
- The quality and extent of training
- The opportunity for hands-on training

Additional factors related to this criterion

Section 4.4.3 of the Discovery Grants Peer Review Manual

- Most important contributions to training
- Training in particularly important or challenging areas of research, specialized methodologies and techniques
- Training in interdisciplinary or industrial collaborations, as well as demonstration of recent contributions to training
- Role in supervision and co-supervision of HQP (if applicable).
Relationships to other research support

The applicant and each of the co-applicants must complete this section and:

- must explain any relationship and/or overlap (conceptual or financial) between work supported by other funding sources for each grant currently held or applied for;

- must provide clear and concise information to enable the reviewers to assess the relationship between this application and other sources of support; and

- should clearly describe the main objective, and provide a brief outline of the methodology, budget details, and details on the support of highly qualified personnel.

The consequence of not providing adequate information may result in the application not being supported.
Evaluation process overview

- Applications are assessed on the basis of the five (5) evaluation criteria. Selection Committee members provide an overall score based on all five criteria.

- Each application is assessed by five (5) members in isolation using a forced, flat rating system (10 being the highest score).

- NSERC ranks applications based on their average scores and does not collect comments from members.
Evaluation process overview (Cont.)

- As a Selection Committee, no face-to-face meetings take place. Cases that need further input from the Chairs and members are resolved before the Committee’s ranked list is finalized (e.g.: subject matter eligibility, eligibility of equipment, or partial awards)

- Applicants are informed of the score and rank of their application
Life cycle of an RTI application

1. Submission of application with CCV(s) to your institution (RGO internal deadline)
2. Selection of RTI applications by your institution
3. October 25
   Submission of applications with CCVs to NSERC
4. End of November/Early December
   Selection Committee members receive applications
5. December - February
   Assessment of applications
6. March - April
   Announcement of results
Reminders

- Consult the RTI Peer Review Manual on the NSERC website
- Read the RTI program description and all RTI instructions carefully
- Ensure completeness of the application (including quotations, if required and any letter(s) confirming financial contributions)
- Plan ahead and check institution deadlines too
For More Information About the RTI Grants Program

RTI Peer Review Manual:

RTI Program Description:

RTI Program Instructions:
For More Information About Subject Matter Eligibility

Selecting the Appropriate Federal Granting Agency:


Clarifications to the Government of Canada guidelines on selecting the appropriate federal granting agency:


Addendum to the guidelines for the eligibility of applications related to health:

Research Portal

Create Your Account

Welcome to the Research Portal

Please note that Research Portal no longer supports Internet Explorer versions 8. We recommend upgrading to Internet Explorer 9, Google Chrome, Firefox or Safari.

Account

The Research Portal is intended for use only by individuals participating in the preparation of applications/nominations for funding from the Canada Research Chairs, the Research Support Fund, and other programs of the Natural Sciences and Engineering Research Council of Canada (NSERC) and the Social Sciences and Humanities Research Council of Canada (SSHRC), in the administration of awards, and in the merit review of applications.

Before using the Research Portal, you must read the Terms and conditions and Transparency (see below). When you login and use this system, it means that you understand these policies and conditions and you consent to the use of your personal information for administrative purposes.

Notice: Maintenance Window

This system will normally be unavailable to users Saturdays from 7:30 to 9:30 a.m. (eastern), as well as on the second Wednesday of each month from 6:00 to 10:00 p.m. (eastern).

New here? Create account

I forgot my password.

Sign In
Email:
Password:

Sign In
Create Your Account Profile

Please create your account.

Your password must contain at least seven characters, including one special character (e.g., !, $, %, ?). For a more secure password, also use a combination of uppercase and lowercase letters, and at least one number (e.g., Password1@).

Use and Disclosure of Personal Information

Before creating your account, please ensure that you have read the Use and Disclosure of Personal Information statement.

New Account Information

Email:

Email

Confirm Email:

Confirm Email

Password:

Password

Confirm Password:

Confirm Password

Security Question:

In what town was your first job?

Security Answer:

Security Answer

Create Account  Cancel

Version: 11.4.0.0.
Navigate to the Profile Page
Create/ Edit Your Profile
User Profile
Create A New Application
Your Application

### Create Applications

<table>
<thead>
<tr>
<th>Funding Opportunity</th>
<th>Start Date</th>
<th>End Date</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Stage: Application</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Research Tools and Instruments:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016-05-09 08:00:00</td>
<td>2016-10-25 20:00:00</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Stage: NRI</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Discovery Grants Program - Individual</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016-05-09 08:00:00</td>
<td>2016-08-01 20:00:00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subatomic Physics Envelope - Individual</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016-05-09 08:00:00</td>
<td>2016-08-01 20:00:00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subatomic Physics Envelope - Major Resources Support Program</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016-05-09 08:00:00</td>
<td>2016-08-01 20:00:00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subatomic Physics Envelope - Project</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016-05-09 08:00:00</td>
<td>2016-08-01 20:00:00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subatomic Physics Envelope - Research Tools and Instruments Cat. 2 &amp; 3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016-05-09 08:00:00</td>
<td>2016-08-01 20:00:00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Applications

<table>
<thead>
<tr>
<th>Application Title</th>
<th>Funding Opportunity</th>
<th>Stage</th>
<th>Status</th>
<th>Role</th>
<th>Last Updated</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Foundation of the General Theory of Relativity</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Discovery Grants Program - Individual</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NRI</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>In Progress</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Applicant</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016-05-16 16:48:12</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><a href="#">Open</a></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Deadline**

- **Application Deadline:** 2016-10-25
Eligibility

Note: You will have to complete an eligibility profile before starting your application.
Your Application

Select Open to access application contents
A warning symbol here means sections are incomplete
First Module - Identification

Select an Evaluation Group
### Table of Contents

- Identification
  - Applicant
    - Family Name: Larsen
    - Middle Names: Lifetime Professor Emeritus
    - Current Position: Lifetime Professor Emeritus
  - Administering Organization
    - Organization (required): ZZZ-INTERNAL TESTING ENVIRONMENT
    - Department/Division (required): ZZZ-INTERNAL TESTING ENVIRONMENT
  - Application
    - Application Title (required): Electronic Numerical Integrator And Computer
    - Language of the Application (required): English
    - Suggested Evaluation Group (required): 1597 Computer Science
    - Time (in hours per month) to be devoted to research/activity (required): 40

---

**Summary of Proposal**

**Proposed Expenditures**

**Relationship to Other Research Support**

**Past Contributions to HDR Training**

**Host Significant Contributions**

**Additional Information on Contributions**

**Activity Details**

**Eligibility Profile**
Summary of Proposal

Research Portal

Profile > Feedback

Application - Research Tools and Instruments
Summary of Proposal

Message from webpage:

To copy your content use the "paste plain text" button. Ctrl-V is not permitted.

Second Official Language Translation
2500 characters maximum
Characters remaining: 2500
Proposed Expenditures

The required fields on this form are highlighted in red; only one of two needs to be filled out.

Optional fields are in yellow. You cannot edit the other fields.
### Proposed Expenditures

**Application - Research Tools and Instruments**

This page has now been validated. To submit application, go back to application overview.

#### Proposed Expenditures

<table>
<thead>
<tr>
<th>Equipment or facility</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purchase or rental</td>
<td>61,700</td>
</tr>
</tbody>
</table>

Subtotal: 61,700

<table>
<thead>
<tr>
<th>Other (specify)</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>

Subtotal: 0

**TOTAL PROPOSED EXPENDITURES:** 61,700

<table>
<thead>
<tr>
<th>Total Cash Contribution from Industry (if applicable)</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Cash Contribution from University (if applicable)</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Cash Contribution from Other Sources (if applicable)</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10,000</td>
</tr>
</tbody>
</table>

**TOTAL AMOUNT REQUESTED FROM NSERC:** 62,700

[Image of the proposed expenditures form]
Relationship to Other Research Support

- Clear and concise information on the conceptual and budgetary relationship or difference between this application and all other support currently held or applied for.
- For each grant currently held or applied for, clearly describe the main objective, and provide a brief outline of the methodology, budget details, and details on the support of highly qualified personnel.

With respect to subject matter eligibility, members should specifically note how equipment purchased with RTI grants is going to be used, as the intent is for equipment grants to foster and enhance the discovery, innovation and training capability of university researchers in the natural sciences and engineering (NSE). Researchers may also have Canadian Institutes of Health Research (CIHR) and other health-related funding, and may find their RTI-funded equipment also useful for that research; however, the primary and majority of the equipment use is to be for NSE research.
Past Contributions to HQP Training

You should discuss your most important contributions to training (e.g., aggregate data on a particular group of trainees), training in particularly important or challenging areas of research, specialized methodologies and techniques, training in interdisciplinary or industrial collaborations, as well as the lack of recent contributions to training. You should discuss your role in co-supervision of HQP (if applicable).

Training supported by NSERC ranges from undergraduate theses and summer projects to postdoctoral levels, and includes technical and other research personnel.

As a guide, the following questions concerning the applicant will be considered in this evaluation by the selection committee:
- Have the resulting contributions been of high quality?
- Have the students and other personnel gone on to further research training positions (e.g., PhD program, postdoctoral position)?
- Have the people trained by the applicant gone on to become respected professionals in fields related to the natural sciences and engineering, in any sector?
- In the context of the research field and the applicant’s capabilities, is the past level of training activity appropriate? If not, has appropriate justification been provided?

Examples of professional contributions:
- transferring new knowledge and expertise from the universities to the Canadian private sector;
- starting businesses, creating jobs and new economic opportunities;
- maintaining Canada’s international competitiveness in research in science and engineering, renewing our intellectual resources.
- developing and implementing policies, standards and regulations on issues of national interest; or
- maintaining and enhancing the national framework for competitive R&D through teaching, administration and research dissemination.
Most Significant Contributions

List up to five of your most significant contributions to research and/or to practical applications over the last six years. Contributions made more than six years ago but for which the impact is being felt now (e.g., exploitation of patent, inclusion in a code, etc.) may be included.

For each contribution, describe its significance in terms of influence on the direction of thought and activity in the target community; and significance to, and use by, other researchers and end users. For collaborative contributions, describe your role.

A contribution does not have to be a single publication or report. For example, a group of publications on a specific subject could be discussed as one contribution.

Note:
You may include the full reference to your contributions or provide the appropriate reference to your NSERC CCV. If applicable, applicants should explain and give dates for any significant delays in their research activity or in the dissemination of research results (e.g., parental leave, bereavement, single parent situations, illness, extraordinary administrative duties) in the NSERC CCV under the section Employment (Leaves of Absence and Impact on Research).
Additional Information on Contributions

- the nature of collaborations with other researchers;
- the rationale or practice used for:
- the order of authors in the publications listed, and
- the inclusion of students in the list of authors;
- your role in joint publications;
- the reason for selecting certain venues (journals, conferences) for publications and particular features of the venues (e.g., target audiences, review procedures);
- the impact or potential impact of patents and technology transfer;
- the nature of industrially relevant R&D activities;
- the significance of technical reports;
- attestation to the nature and the significance of confidential technical and internal reports; and
- original research reported in books or technical reports.
Activity Details

**Application Title**

Electronic Numerical Integrator And Computer

**Certification Requirements**

- Does the proposed research involve humans as research participants? (required)
  - Yes
  - No

- Does the proposed research involve animals? (required)
  - Yes
  - No

**Environmental Impact**

- A. Will any phase of the proposed research take place outdoors and on federal lands in Canada, as interpreted in section 2(1) of the Canadian Environmental Assessment Act, 2012 (CEAA 2012)? (required)
  - Yes
  - No

- B. Will any phase of the proposed research take place outdoors and outside of Canada? (required)
  - Yes
  - No

- C. 1. Will the grant permit a designated project, as listed in the CEAA 2012 Regulations Designating Physical Activities (RDPA), to be carried out in whole or in part? (required)
  - Yes
  - No

- OR.

  - 2. Will any phase of the proposed research depend on a designated project, as listed in the RDPA, being carried out by an organization other than the granting agency? (required)
  - Yes
  - No

**Research Subject Codes**

Please select at least one research subject code (required):

1. INFORMATION TECHNOLOGY
   - Computer hardware
2. INFORMATION TECHNOLOGY
   - Software engineering

**Area of Application Codes**

Please select at least one area of:

1. Information systems and technology
Finalize Your Application
Attach the Proposal + Budget
Finalize Your Application

### Attachments

<table>
<thead>
<tr>
<th>Status</th>
<th>Title</th>
<th>Document Type</th>
<th>Updated</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>✔️</td>
<td>Electronic Numerical Integrator And Computer</td>
<td>Proposal</td>
<td>2016-06-06 14:53:33</td>
<td>Edit  View</td>
</tr>
<tr>
<td>✔️</td>
<td>Budget</td>
<td>Budget Justification</td>
<td>2016-06-06 15:20:34</td>
<td>Edit  View</td>
</tr>
<tr>
<td>🔄</td>
<td>Quotation 1</td>
<td></td>
<td>2016-06-03 14:22:02</td>
<td>Attach</td>
</tr>
<tr>
<td>🔄</td>
<td>Quotation 2</td>
<td></td>
<td>2016-06-03 14:22:02</td>
<td>Attach</td>
</tr>
<tr>
<td>🔄</td>
<td>Confirmation of Financial Contribution</td>
<td></td>
<td>2016-06-03 14:22:02</td>
<td>Attach</td>
</tr>
</tbody>
</table>

### Canadian Common CVs Attached

<table>
<thead>
<tr>
<th>Status</th>
<th>Role</th>
<th>Updated</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>🔄</td>
<td>Applicant</td>
<td>2016-06-03 14:22:02</td>
<td>Attach</td>
</tr>
</tbody>
</table>

### Invitations

<table>
<thead>
<tr>
<th>Status</th>
<th>Role</th>
<th>Family Name</th>
<th>First Name</th>
<th>Email</th>
<th>Invitation Status</th>
<th>Updated</th>
<th>Action</th>
</tr>
</thead>
</table>

### Additional Options

- Export application and attachments to PDF
- Manage Invitations
- Submit
- Delete Application
- Report this page

Terms and conditions | Transparency
Attach a CCV
Send Invitations to Co-Applicants
Send Invitations to Co-Applicants
Submission successful
## Contacts

<table>
<thead>
<tr>
<th>NSERC Staff</th>
<th>First Name.Last <a href="mailto:Name@nserc-crsng.gc.ca">Name@nserc-crsng.gc.ca</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Deadlines, acknowledgement of applications and results</td>
<td>Your university RGO</td>
</tr>
<tr>
<td>Your account, Grants in Aid of Research Statement of Account (Form 300)</td>
<td>Your university Business Officer (BO)</td>
</tr>
<tr>
<td>NSERC Web site</td>
<td><a href="http://www.nserc-crsng.gc.ca">www.nserc-crsng.gc.ca</a></td>
</tr>
</tbody>
</table>
| Research Tools and Instruments Program (including eligibility) | E-mail: resgrant@nserc-crsng.gc.ca  
Tel.: 613-995-5829 |
| Use of Grant Funds | E-mail: usegrantfunds@nserc-crsng.gc.ca |
| On-line Services Helpdesk | E-mail: webapp@nserc-crsng.gc.ca |