internationally Collaborative PhD Programs and the CREATE Program

Information session for Western University
Table of contents

1. NSERC overview
2. NSERC-DFG Collaboration
3. Competition statistics and other programs
1. NSERC Overview
Expenditures & investments

NSERC’s funding

• Promotes and supports post-secondary research and training in the natural sciences and engineering

• Supports 76 universities and 110 colleges & polytechnics every year through various programs

Fiscal year 2019–20

$1.36B Total budget
Expenditures & investments

NSERC’s funding supports…

- 12,000 researchers
- 3,200 partners
- 32,800 students and fellows

$1.30B
Grants & scholarships

Fiscal year 2019–20
2. NSERC-DFG Collaboration
NSERC-DFG Collaboration

Program objectives

CREATE supports the training and mentoring of students and postdoctoral fellows from Canada and abroad through the development of innovative training programs that:

• Encourage collaborative and integrative approaches that address significant scientific challenges

• Facilitate the transition of new researchers from trainees to productive employees in the Canadian workforce
NSERC-DFG Collaboration

Program objectives

CREATE encourages

- Enriched training and mentoring experiences
- Improved job readiness
- Professional skills development
- Industrial collaboration
- Student mobility
- Interdisciplinary research
NSERC-DFG Collaboration

Streams

• **Regular stream** may involve any collaborations: academic/government/industry/NGO, Canadian/international

• **International Stream** Germany’s DFG-IRTG for collaboration with German researchers. Funding aligned with DFG-IRTG program duration: up to 9 years instead of 6 years for regular or industrial stream CREATE (same grant value). Contact NSERC for more information.

• **Industrial stream** requires industrial participation

• Applications to the DFG-IRTG and Industrial streams are not evaluated separately from the regular stream applications
3. Competition Statistics and other programs
## Competition Statistics

<table>
<thead>
<tr>
<th></th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOIs received:</td>
<td>114</td>
<td>112</td>
<td>126</td>
<td>125</td>
<td>118</td>
</tr>
<tr>
<td>Candidates invited:</td>
<td>53</td>
<td>55</td>
<td>50</td>
<td>55</td>
<td>38</td>
</tr>
<tr>
<td>Applications received:</td>
<td>51</td>
<td>53</td>
<td>50</td>
<td>53</td>
<td>37</td>
</tr>
<tr>
<td>Grants awarded:</td>
<td>17</td>
<td>18</td>
<td>18</td>
<td>15</td>
<td>13</td>
</tr>
</tbody>
</table>
RGS Program Updates

NSERC Student Ambassadors

- Promotion of STEM to Canadian youth by Canadian youth
- To encourage post-secondary students and fellows to share their NSE experience with youth (K-12) from underrepresented groups in STEM
- Outreach activity must be organized independently by the applicant
- NSERC pays $1,000 in support of event costs

Contact: ambassadors@nserc-crsng.gc.ca
RGS Program Updates

NSERC Indigenous Student Ambassadors (NISA)

Do you have Indigenous students or PDFs interested in promoting NSE in an Indigenous community or school?

- NISA pays travel costs up to $5,000
- NISA holder participates in science promotion events or shares their NSE research & education experience
- Eligibility: Indigenous students registered full-time in NSE degree or PDF in NSE
- No deadlines: apply 2-6 months before visit

Contact: ambassadors@nserc-crsng.gc.ca
Questions?

Teresa Jurewicz

Teresa.Jurewicz@nserc-crsng.gc.ca

Connect with us

@nserc_crsng

facebook.com/nserccanada