



## **Competition Year 2020 statistics: Postgraduate Scholarships, Alexander Graham Bell Canada Graduate Scholarships, Postdoctoral Fellowships Program and Undergraduate Student Research Awards**

This document includes tables and figures that provide summary information on the Natural Sciences and Engineering Research Council of Canada (NSERC)'s 2020 Postdoctoral Fellowships (PDF) competitions; Postgraduate Scholarships - Doctoral (PGS-D); Alexander Graham Bell Canada Graduate Scholarships - Doctoral (CGS-D) and Master (CGS-M); and the 2019 Undergraduate Student Research Awards (USRA). The data contained herein corresponds to offers of scholarships and fellowships that NSERC was able to make in accordance with the available budget. Additional offers may be made once the number of recipients who decline their offers is known.



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## Section 1 – Postdoctoral Fellowship statistics

Figure 1 – Postdoctoral Fellowship *Applications* by Region, Competition Year 2020

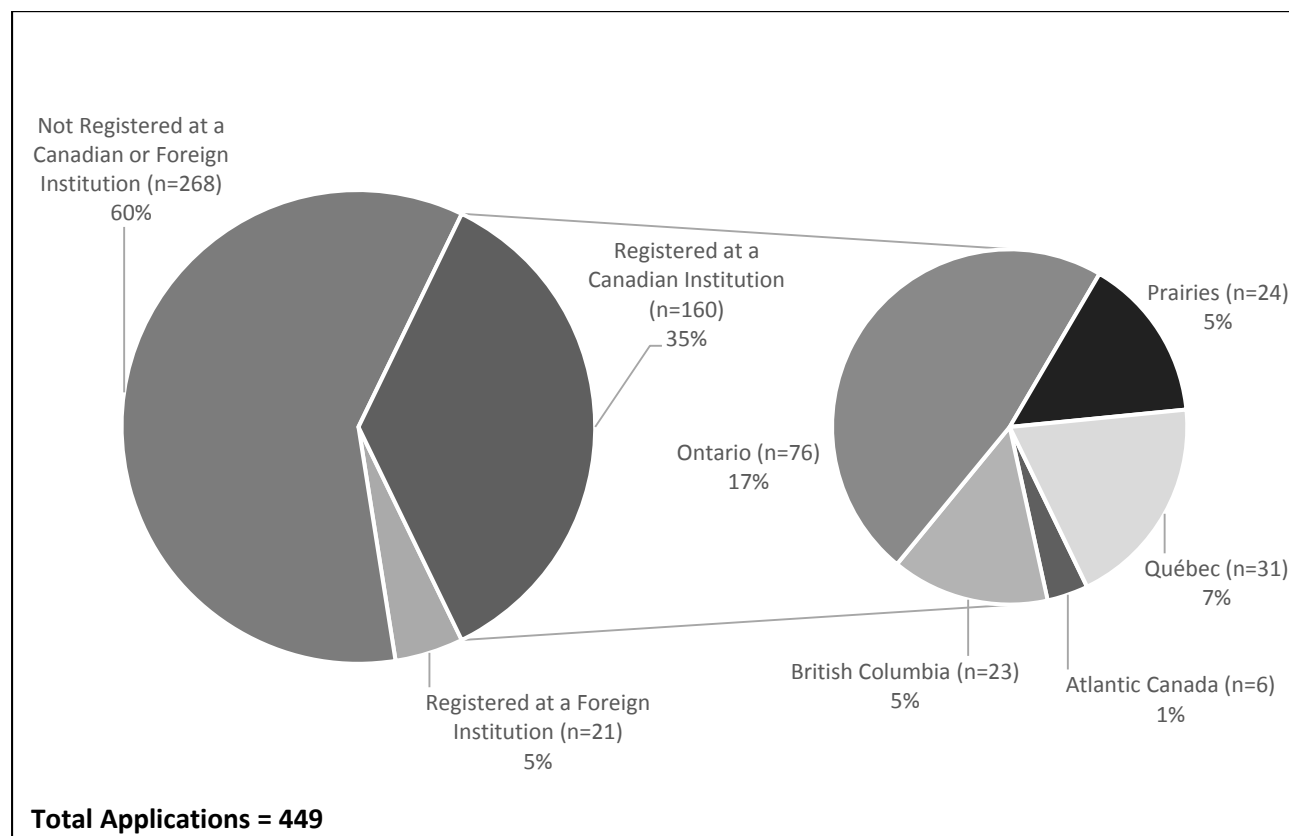
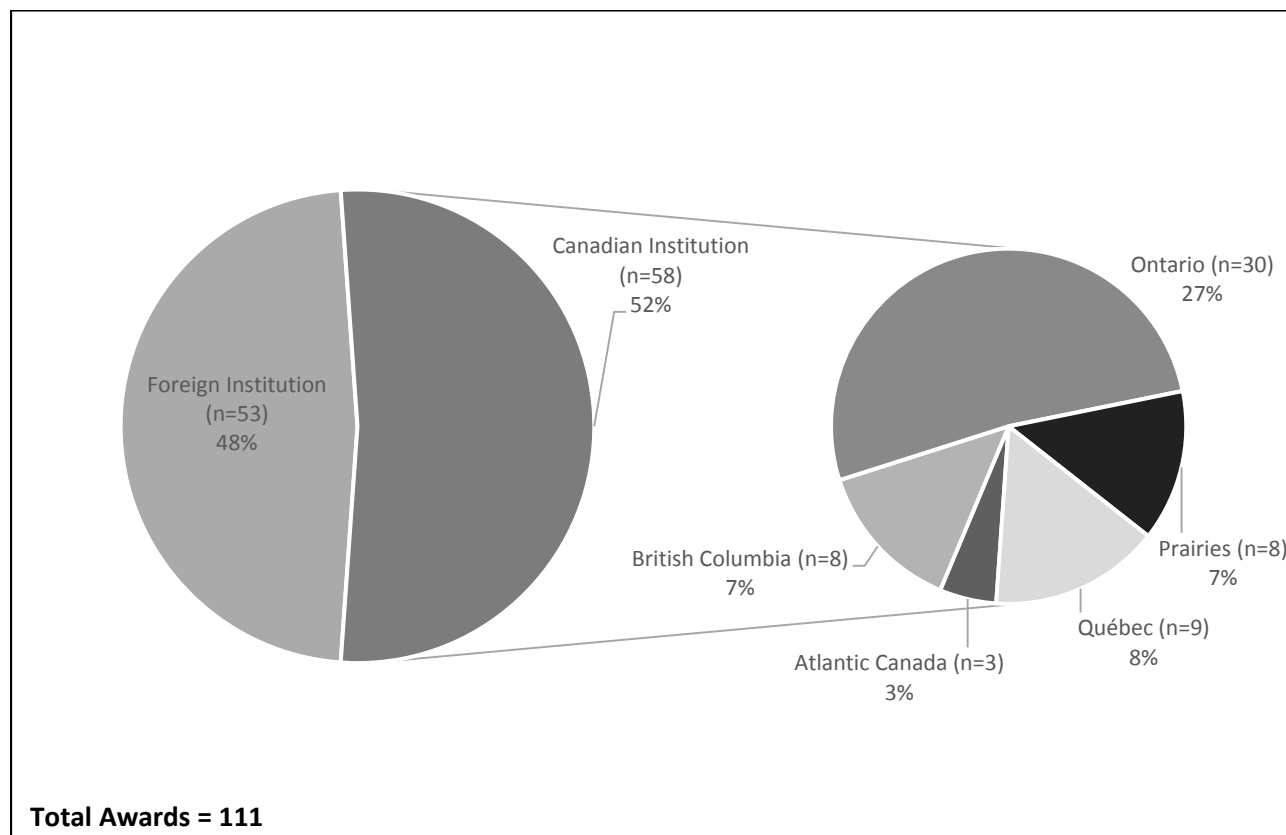




Figure 2 – Postdoctoral Fellowship Awards<sup>1,2</sup> by Region, Competition Year 2020



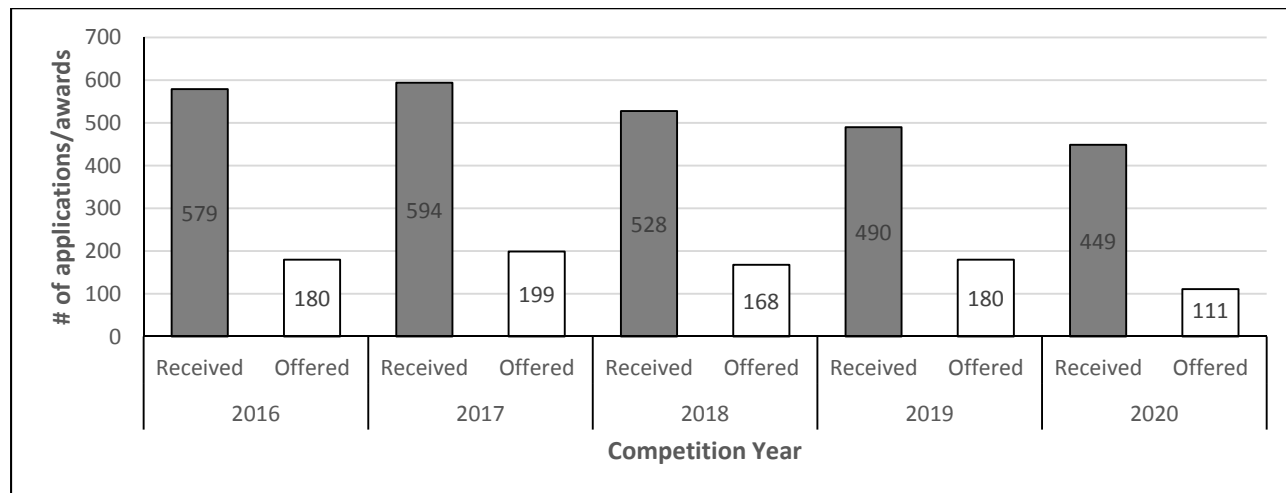
<sup>1</sup> Reflects initial offers only

<sup>2</sup> Based on the applicant's proposed first choice of tenure location

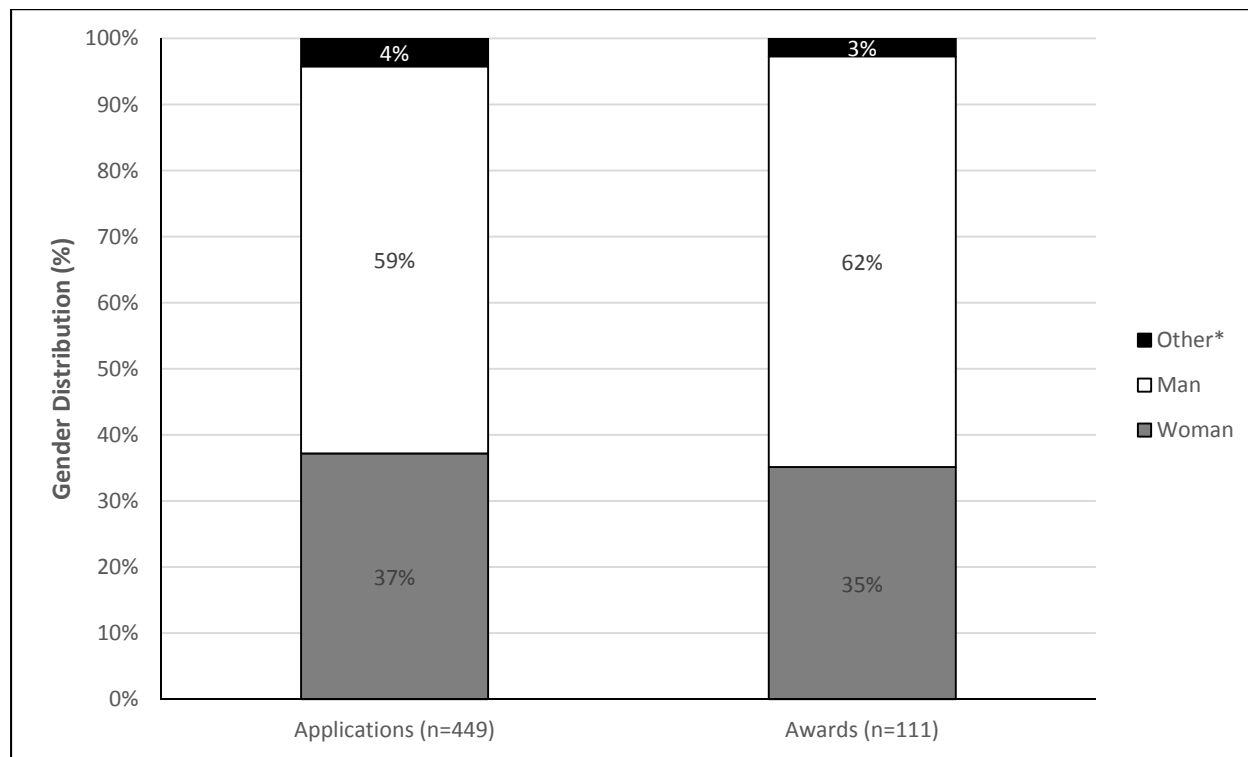
Note: Figures 1 and 2 cannot be directly compared as applicants registered at a Canadian institution at the time of their application may take up their awards at a foreign institution. The opposite is also true, as per the Postdoctoral Fellowship program guidelines: [http://www.nserc-crsng.gc.ca/students-etudiants/pd-np/pdf-bp\\_eng.asp](http://www.nserc-crsng.gc.ca/students-etudiants/pd-np/pdf-bp_eng.asp)



**Figure 3 – Postdoctoral Fellowship Applications Received, and Awards Offered by Competition Year (2016–2020)<sup>3</sup>**



**Figure 4 – Gender distribution of Postdoctoral Scholarship Applications and Awards, Competition Year 2020**



\* "Other" is an aggregation of the responses "Gender-fluid, non-binary and/or two-spirit" and "I prefer not to answer."

<sup>3</sup> Reflects initial offers only



**Table 1 – Postdoctoral Fellowship application and success rates<sup>4</sup> by gender and selection committee, Competition Year 2020**

Selection committee	PDF						
	Application Rate <sup>‡</sup>			Success rate			
	Women	Men	Other*	Women	Men	Other*	Overall
Earth Sciences	26%	70%	4%	33%	25%	0%	26%
Evolution and Ecology	52%	42%	6%	19%	38%	0%	26%
Mathematical Sciences	18%	79%	3%	17%	26%	0%	24%
Physics and Astronomy	30%	63%	7%	22%	21%	50%	23%
Chemistry	39%	61%	0%	15%	30%	**	24%
Cellular and Molecular Biology	58%	40%	3%	30%	19%	0%	25%
Chemical, Biomedical and Materials Science Engineering	38%	62%	0%	18%	35%	**	24%
Plant and Animal Biology	54%	41%	5%	22%	31%	0%	24%
Psychology	55%	39%	6%	23%	25%	0%	24%
Electrical Engineering	13%	84%	3%	25%	30%	0%	28%
Computing Sciences	28%	63%	9%	22%	25%	33%	25%
Civil and Industrial Engineering	35%	57%	8%	38%	19%	0%	24%
Mechanical Engineering	24%	72%	4%	17%	22%	100%	24%
<b>Total</b>	<b>37%</b>	<b>59%</b>	<b>4%</b>	<b>23%</b>	<b>26%</b>	<b>16%</b>	<b>25%</b>

\* “Other” is an aggregation of the responses “Gender-fluid, non-binary and/or two-spirit” and “I prefer not to answer.”

\*\* Indicates that the success rate is not applicable to that category of applicant.

‡ Application rate is the proportion of women or men who applied over the total number of applications

**Table 2 - Postdoctoral Fellowship Competition Results for Self-Identification Data, Competition Year 2020**

	PDF			
	No. of Applications	% of Applications	No. of Awards	% of Awards
Indigenous	**		**	
Member of a Visible Minority	173	39%	42	38%
Person with a Disability	12	3%	**	

\*\*Amounts removed based on Privacy Act

<sup>4</sup> Reflects initial offers only



## Section 2 – Postgraduate Scholarship statistics

Figure 5 – Postgraduate Scholarship (CGS-D/PGS-D) Applications by Region, Competition Year 2020

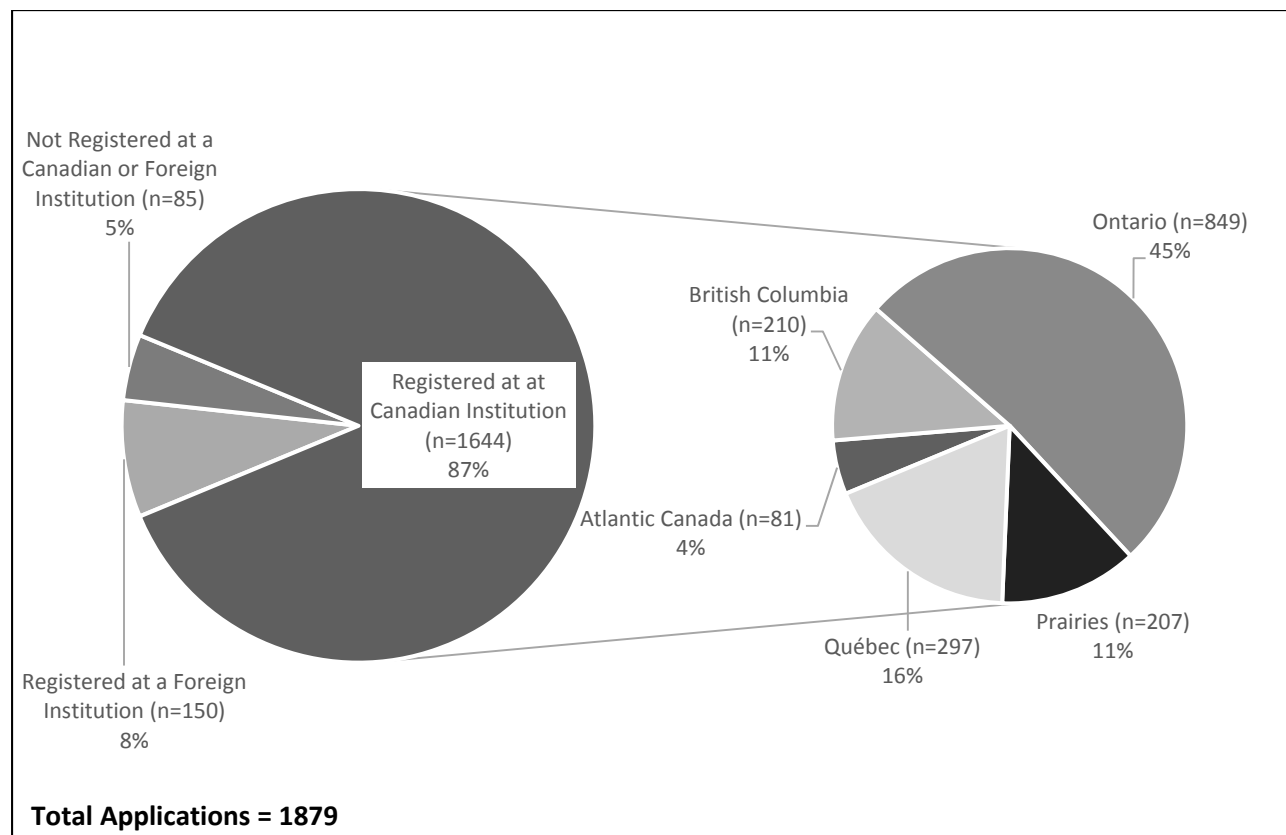
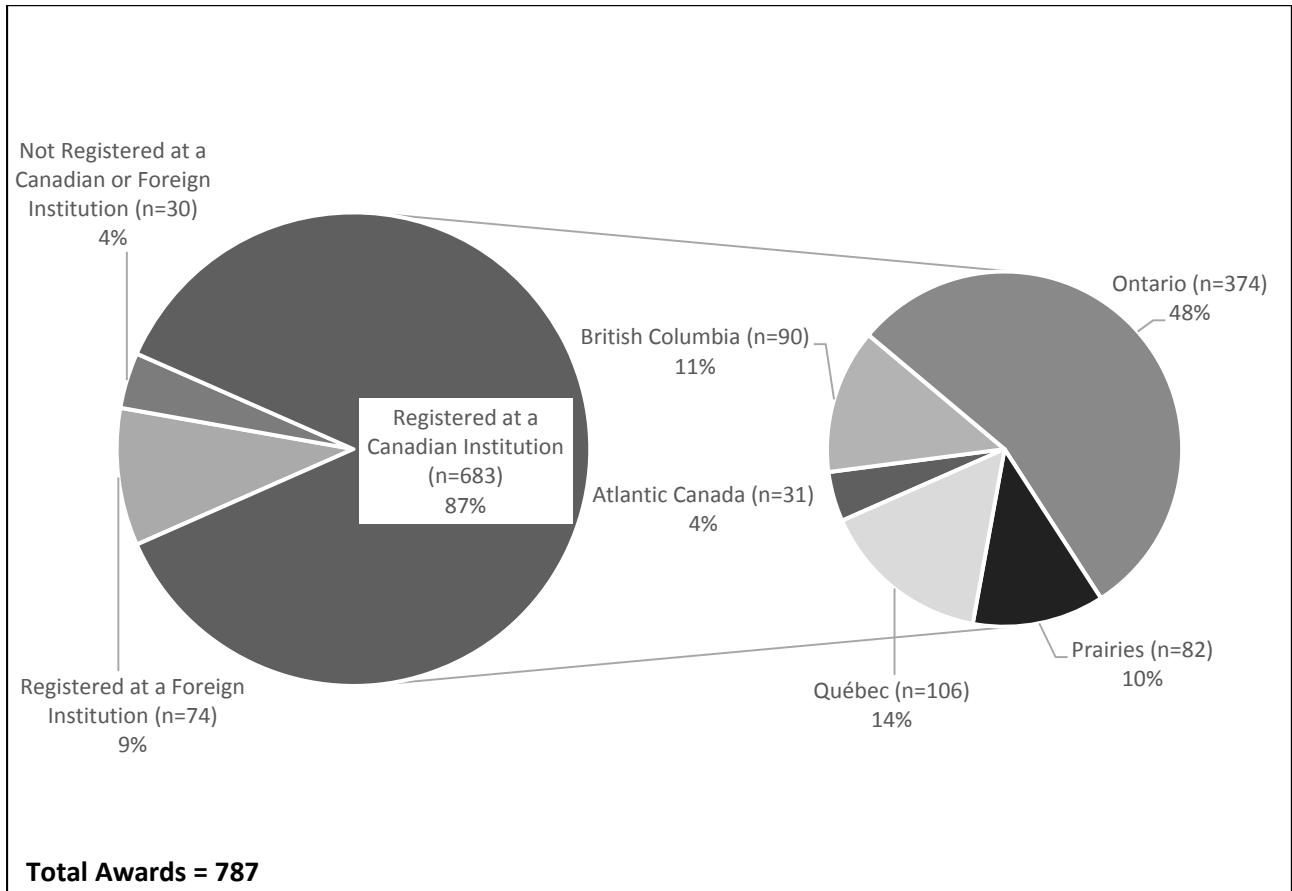




Figure 6 – Postgraduate Scholarship (CGS-D/PGS-D) Awards<sup>5</sup> by Region, Competition Year 2020

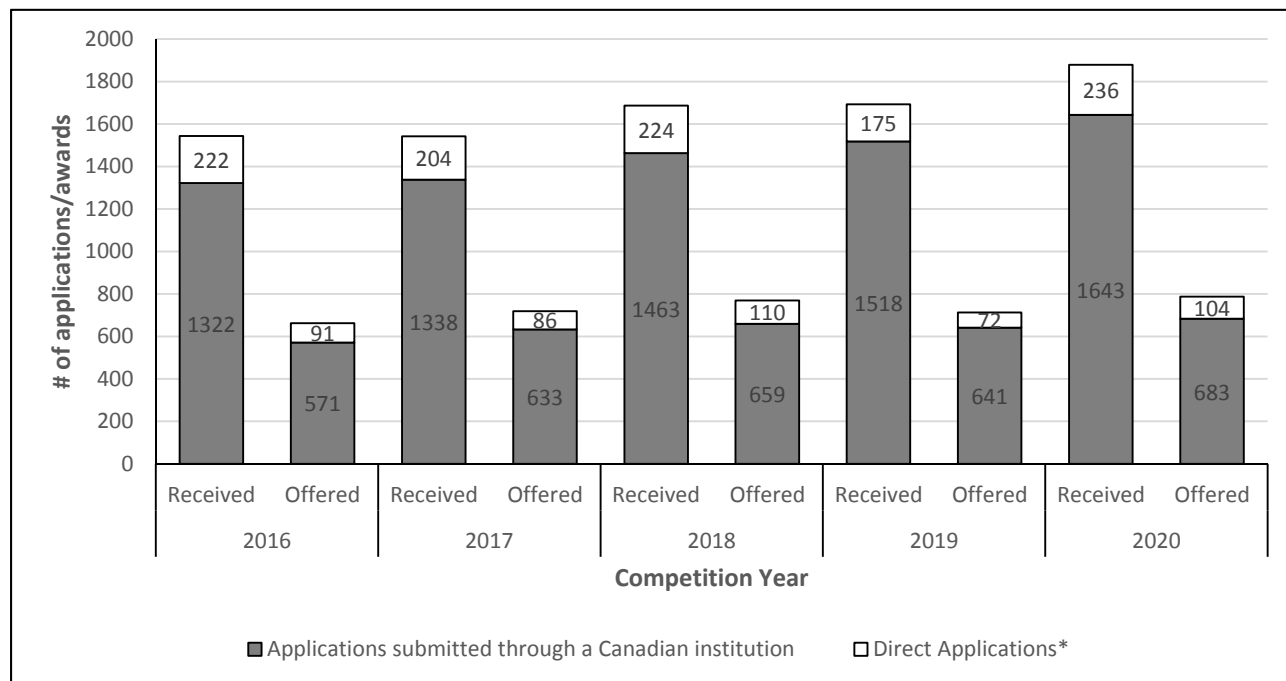


<sup>5</sup> Reflects initial offers only



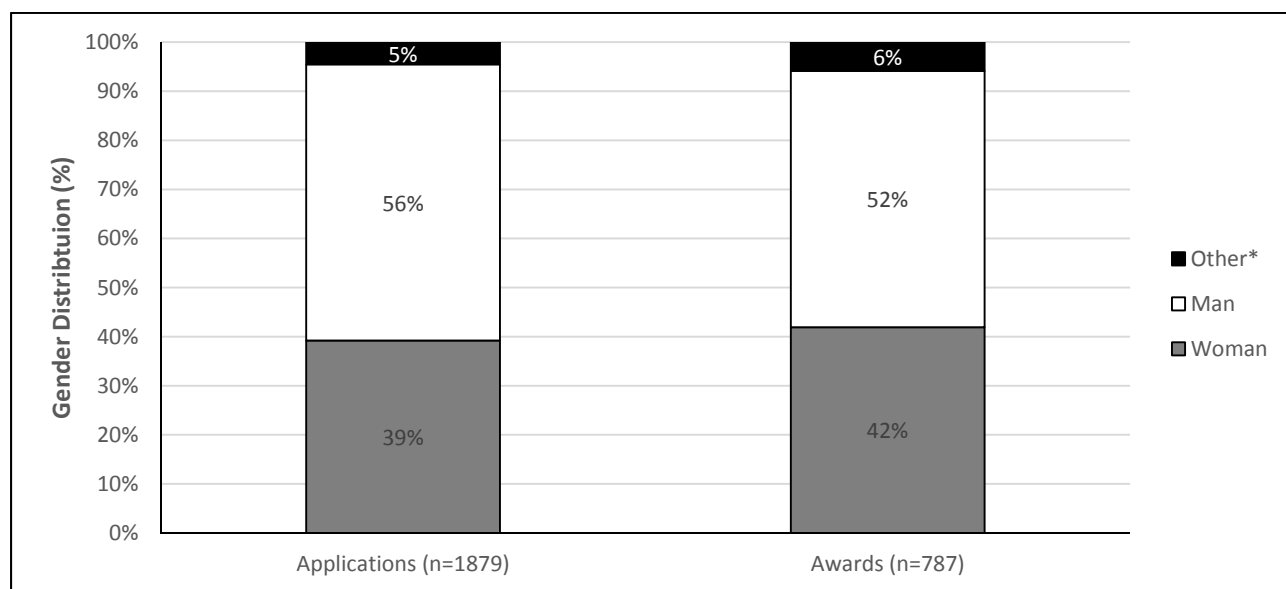


**Figure 7 – Postgraduate Scholarship Applications Received, and Awards Offered<sup>6</sup> by Competition Year (2016–2020)**



\* Direct applications are those submitted to NSERC directly, without going through the screening process at a Canadian university. For additional information please see the program description: [https://www.nserc-crsng.gc.ca/Students-Etudiants/PG-CS/BellandPostgrad-BelletSuperieures\\_eng.asp](https://www.nserc-crsng.gc.ca/Students-Etudiants/PG-CS/BellandPostgrad-BelletSuperieures_eng.asp).

**Figure 8 – Gender Distribution of Postgraduate Scholarship (CGS-D/PGS-D) Applications and Awards, Competition Year 2020**



\* "Other" is an aggregation of the responses "Gender-fluid, non-binary and/or two-spirit" and "I prefer not to answer."

<sup>6</sup> Reflects initial offers only



**Table 3 – Postgraduate Scholarship Success Rates<sup>7</sup> by Gender and Selection Committee, Competition Year 2020**

Selection committee	CGS-D / PGS-D combined						
	Application Rate			Success rate			Total
	Women	Men	Other*	Women	Men	Other*	
Earth Sciences	44%	53%	3%	36%	45%	50%	42%
Evolution and Ecology	59%	38%	3%	46%	32%	67%	41%
Mathematical Sciences	21%	71%	7%	43%	38%	75%	42%
Physics and Astronomy	23%	72%	6%	53%	38%	44%	42%
Chemistry	32%	66%	2%	44%	41%	67%	42%
Cellular and Molecular Biology	46%	49%	5%	48%	37%	33%	42%
Chemical, Biomedical and Materials Science Engineering	34%	61%	4%	49%	36%	71%	42%
Plant and Animal Biology	52%	44%	4%	42%	40%	57%	42%
Psychology	65%	30%	5%	40%	45%	50%	42%
Electrical Engineering	15%	82%	3%	45%	41%	0%	41%
Computing Sciences	23%	66%	10%	44%	39%	59%	42%
Civil and Industrial Engineering	40%	59%	1%	47%	39%	100%	43%
Mechanical Engineering	20%	79%	1%	59%	38%	0%	42%
<b>Total</b>	<b>39%</b>	<b>56%</b>	<b>5%</b>	<b>45%</b>	<b>39%</b>	<b>54%</b>	<b>42%</b>

\* "Other" is an aggregation of the responses "Gender-fluid, non-binary and/or two-spirit" and "I prefer not to answer."

**Table 4 – Postgraduate Scholarship Competition Results for Applicant Self-Identification Data, Competition Year 2020**

	CGS-D / PGS-D Combined			
	No. of Applications	% of Applications	No. of Awards	% of Awards
Indigenous	37	2%	13	2%
Member of a Visible Minority	522	28%	210	27%
Person with a Disability	71	4%	30	4%

<sup>7</sup> Reflects initial offers only



### Section 3 – Graduate Scholarship Statistics

Table 5 – CGS-M Competition Results Disaggregated by Applicant Gender Identity, Competition Year 2020

	No. of Applications	% of Applications	No. of Awards	% of Awards
<b>Women</b>	929	29%	285	32%
<b>Men</b>	1724	54%	475	53%
<b>Other *</b>	541	17%	135	15%
<b>Total</b>	3194	100%	895	100%

\* "Other" is an aggregation of the responses "Gender-fluid, non-binary and/or two-spirit" and "I prefer not to answer."

Table 6 – CGS-M Competition Results Disaggregated by Applicant Self-Identification Data, Competition Year 2020

	No. of Applications	% of Applications	No. of Awards	% of Awards
<b>Indigenous</b>	24	0.8%	5	0.5%
<b>Person with a Disability</b>	68	2%	10	1%
<b>Member of a Visible Minority</b>	433	14%	108	12%



## Section 4 – Undergraduate Student Research Award statistics

Figure 9 – Undergraduate Student Research Award Competition Results by Region, Fiscal Year 2019–20

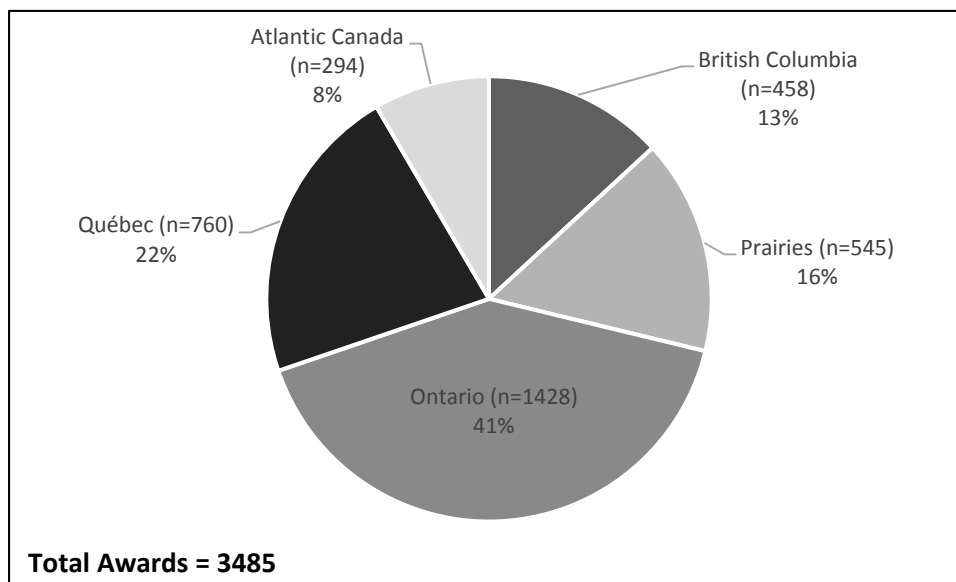
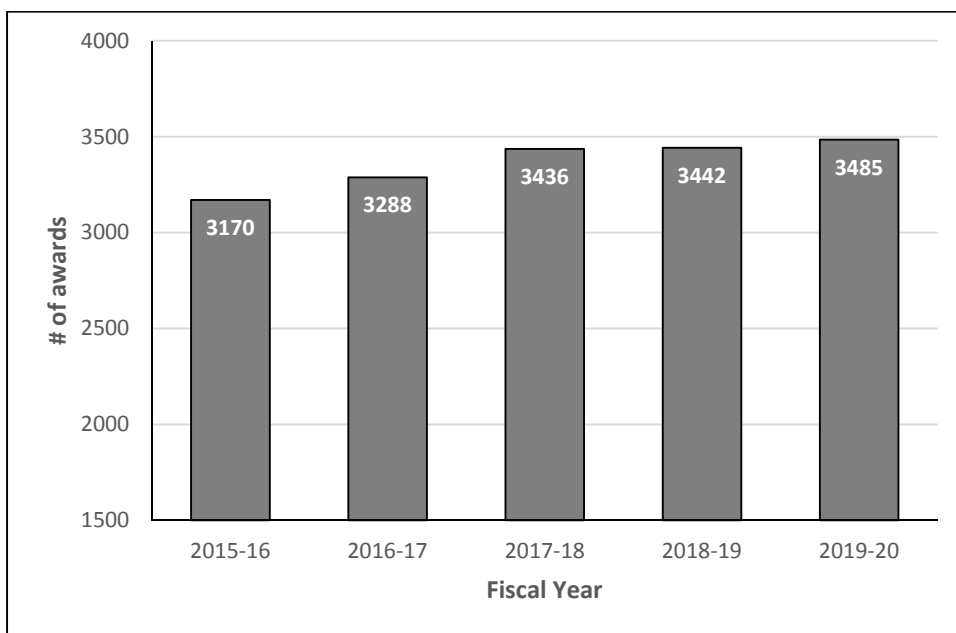


Figure 10 – Number of Undergraduate Student Research Awards by Fiscal Year





**Table 7 – Undergraduate Student Research Award Proportion of Awards by Gender and by Research Area<sup>8</sup>, Fiscal Year 2019-20<sup>9</sup>**

USRA  Research area	Awards					
	Woman		Man		Other*	
	(%)	No.	(%)	No.	(%)	No.
Earth Sciences	57%	95	41%	69		**
Evolution and Ecology	68%	208	31%	95		**
Mathematical Sciences	26%	68	66%	171	7%	19
Physics and Astronomy	26%	81	71%	223	4%	12
Chemistry	47%	116	52%	129		**
Cellular and Molecular Biology	57%	294	40%	208	3%	14
Chemical, Biomedical and Materials Science Engineering	41%	124	55%	165	4%	12
Plant and Animal Biology	66%	227	32%	110		**
Psychology	64%	167	35%	90		**
Electrical Engineering	20%	25	76%	93		**
Computing Sciences	24%	69	73%	213	4%	11
Civil and Industrial Engineering	37%	71	61%	116		**
Mechanical Engineering	22%	36	74%	120		**
<b>Total</b>	<b>45%</b>	<b>1581</b>	<b>52%</b>	<b>1802</b>	<b>3%</b>	<b>102</b>

\* "Other" is an aggregation of the responses "Gender-fluid, non-binary and/or two-spirit" and "I prefer not to answer."

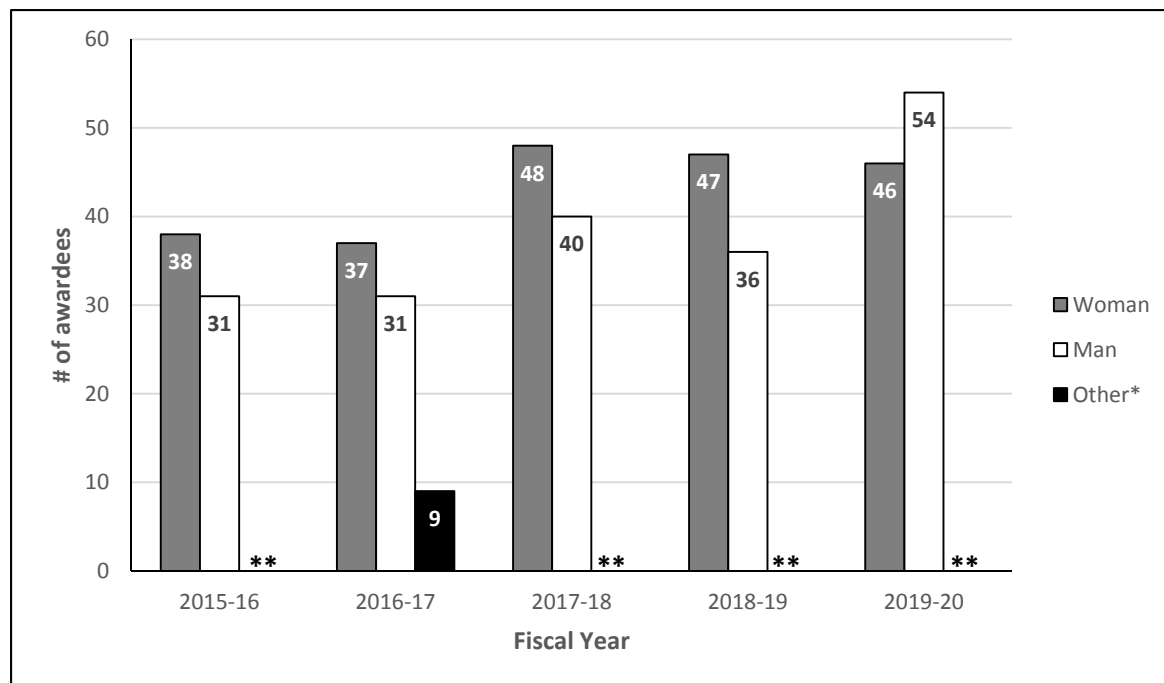
\*\* Amounts removed based on Privacy Act

<sup>8</sup> Mapped to scholarships and fellowships selection committees

<sup>9</sup> Note, application rates are not currently collected by NSERC from the institutions who administer the selection process



**Figure 11 – Number of Undergraduate Student Research Award Recipients Who Self-identified as Indigenous by Gender and Fiscal year**



\* "Other" is an aggregation of the responses "Gender-fluid, non-binary and/or two-spirit" and "I prefer not to answer."

\*\* Amounts removed based on Privacy Act

**Table 8 – Number of Undergraduate Student Research Awards for Applicant Self-Identification Data, Fiscal Year 2019-20\*\***

	USRA	
	No. of Awards	% of Awards
<b>Indigenous</b>	101	3%
<b>Member of a Visible Minority</b>	992	28%
<b>Person with a Disability</b>	68	2%

\*\* Note, application rates are not currently collected by NSERC from the institutions who administer the selection process