

Enhancing Graduate Education

National Context



- OECD Canada ranks 15/15 (Switzerland 215, Canada 88 /100,000)
- Master's enrolment: 85,674, 45.6% male, 54.4% female
- Doctoral enrolment: 48,006, 52.8% male, 47.2% female
- Over 125% increase in master's and doctoral enrolments in last twenty years
- Highest rate of change in graduate education in smaller provinces
- Greatest increase in enrolment for master's under 25 years of age
- York national rank in enrolments: Master's 14/69, Doctoral 11/69
- York national rank per cent of international students, 47/69 (11%)
- Less than 20% doctoral recipients employed as full-time professors (40% in post-secondary education)

- Greater demand for professional masters, four plus one degrees, graduate certificates, and online graduate courses (flexible and adaptive)
- Provincial, national and international attention on the changing nature of the PhD with greater integration of professional skills development in graduate programs
- Increased focus on decreasing times to completion (with recent proliferation of studies from major academic associations and funding agencies on these matters)
- Fewer tenure track positions and increased hiring of PhDs in colleges
- PhDs are holding multiple post-doctoral fellowships before they get hired into academic and non-academic positions with limited institutional support
- Conference Board of Canada embarked on five year study to facilitate a national post-secondary strategy for economic, social, cultural and political development
- HEQCO prepared a number of reports on graduate education

Provincial Context

- York ranks fourth in number of graduate students in province:
U of T, Ottawa, Western, York
- Increased graduate program offering in province (937% increase in graduate programming at Brock) and particularly at master's level in Toronto Area (UOIT, OCAD, Ryerson)
- Introduction of metrics and differentiation discourse
- No application data

Metrics

Research Capacity

Number of graduate degrees awarded: Masters: 1748, PhD: 192

Number of graduate awards/scholarships: 702 (Masters: 124, PhD: 578)

Total Amount of Graduate/Scholarships Awards: 4,508

Total Value of Graduate/Scholarship Awards: \$24,593,212

Research Focus

Graduate degrees awarded to undergraduate degrees awarded:

Undergraduate: 10,011, Graduate: 1940

Graduate to undergraduate ratio: 1: 52.63

International Competitiveness

Ratio of international to domestic graduates [used by Times Higher Education Rankings]

Provincial Graduate Landscape

	Preliminary 2013-14 Graduate Enrolments (eligible FTE, summer + fall enrolments)			Reaching Higher End State Targets as of 2013-14 (FTEs, Post Conversion)			Variation Compared to End State Target (%)			Spaces Remaining for Growth as of 2012-13		
	MA	PhD	Total	MA	PhD	Total	MA	PhD	Total	MA	PhD	Total
Algoma	0.00	0.00	0.00	0.00	0.00	0.00	N/A	N/A	N/A	N/A	N/A	N/A
Brock	613.40	98.80	712.20	589.40	85.75	675.15	4.1%	15.2%	5.5%	-24.00	-13.05	-37.05
Carleton	1,792.40	640.00	2,432.40	1,825.49	643.50	2,468.99	(1.8%)	(0.5%)	(1.5%)	33.09	3.50	36.59
Guelph	1,294.00	548.30	1,842.30	1,329.23	542.16	1,871.39	(2.7%)	1.1%	(1.6%)	35.23	-6.14	29.09
Lakehead	511.20	72.00	583.20	515.16	81.02	596.18	(0.8%)	(11.1%)	(2.2%)	3.96	9.02	12.98
Laurentian	320.70	84.20	404.90	307.18	84.93	392.11	4.4%	(0.9%)	3.3%	-13.52	0.73	-12.79
McMaster	1,776.30	914.80	2,691.10	1,796.94	1,065.84	2,862.78	(1.1%)	(14.2%)	(6.0%)	20.64	151.04	171.68
Nipissing	152.00	10.00	162.00	188.22	10.00	198.22	(19.2%)	0.0%	(18.3%)	36.22	0.00	36.22
OCADU	167.00	0.00	167.00	69.21	0.00	69.21	141.3%	N/A	141.3%	-97.79	0.00	-97.79
Ottawa	2,864.00	1,086.50	3,950.50	2,817.91	1,105.65	3,923.56	1.6%	(1.7%)	0.7%	-46.09	19.15	-26.94
Queen's	1,955.10	742.20	2,697.30	1,899.42	749.28	2,648.70	2.9%	(0.9%)	1.8%	-55.68	7.08	-48.60
Ryerson	1,448.00	317.00	1,765.00	1,432.59	182.82	1,615.41	1.1%	73.4%	9.3%	-15.41	-134.18	-149.59
Toronto	7,140.00	3,747.00	10,887.00	7,074.44	3,877.45	10,951.89	0.9%	(3.4%)	(0.6%)	-65.56	130.45	64.89
Trent	248.40	67.70	316.10	198.34	70.24	268.58	25.2%	(3.6%)	17.7%	-50.06	2.54	-47.52
UOIT	200.00	77.00	277.00	149.66	37.65	187.31	33.6%	104.5%	47.9%	-50.34	-39.35	-89.69
Waterloo	1,901.00	827.00	2,728.00	1,811.50	937.59	2,749.09	4.9%	(11.8%)	(0.8%)	-89.50	110.59	21.09
Western	2,600.00	1,275.00	3,875.00	2,604.00	1,331.18	3,935.18	(0.2%)	(4.2%)	(1.5%)	4.00	56.18	60.18
Wilfrid Laurier	743.20	172.70	915.90	751.26	135.32	886.58	(1.1%)	27.6%	3.3%	8.06	-37.38	-29.32
Windsor	788.00	219.50	1,007.50	864.38	232.99	1,097.37	(8.8%)	(5.8%)	(8.2%)	76.38	13.49	89.87
York	2,310.10	1,051.70	3,361.80	2,748.98	1,212.16	3,961.14	(16.0%)	(13.2%)	(15.1%)	438.88	160.46	599.34
System Total	28,824.80	11,951.40	40,776.20	28,973.32	12,385.53	41,358.85	(0.5%)	(3.5%)	(1.4%)	148.52	434.13	582.65
							Total Unfunded Spaces:			-507.94	-230.10	-738.04
							Total Spaces Remaining:			656.46	664.23	1,320.69



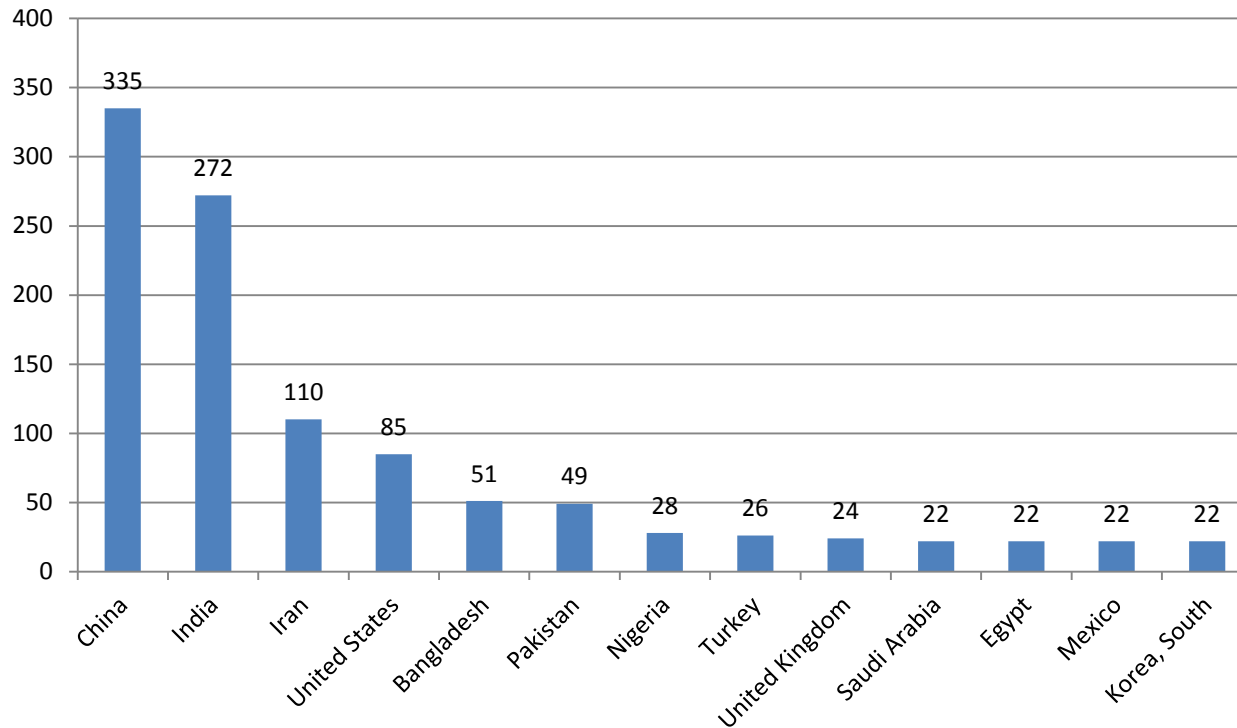
York Context

Total number of MA graduate programs at York - 65
Total number PhD graduate programs at York - 40
Total number of diplomas programs - 35

	Domestic		Total Domestic	Visa		Total Visa	Total Domestic and Visa		GrandTotal
	Full Time	Part Time		Full Time	Part Time		Full Time	Part Time	
Masters	1,948	1,588	3,536	543	44	587	2,491	1,632	4,123
Doctoral	1,347	255	1,602	195	9	204	1,542	264	1,806
Total	3,295	1,843	5,138	738	53	791	4,033	1,896	5,929
% of Grand Total	56%	31%	87%	12%	1%	13%	68%	32%	100%

- Lowest graduate tuition in the province
- Only university that offers six years of employment doctoral funding
- 11 % of graduates are international
- Represent the largest group of researchers on campus
- Play an important role in undergraduate education

Where are they from? International Students



72% of International Students come from these 10 countries

York Applicants

In the last three years, graduate applicants last degrees were from:

- York University
- University of Toronto
- Ryerson

Sixty per cent of applicants are unique with 40 per cent applying to more than one program.

LA&PS Context

Number of MA students domestic and international – 957

Number of PhD students domestic and international – 748

1,705 Total

LA&PS has 28.8% of Grad Students at York

Number of Grad programs in LA&PS - 22

LA&PS Grad Programs:

23 MA

16 PhD

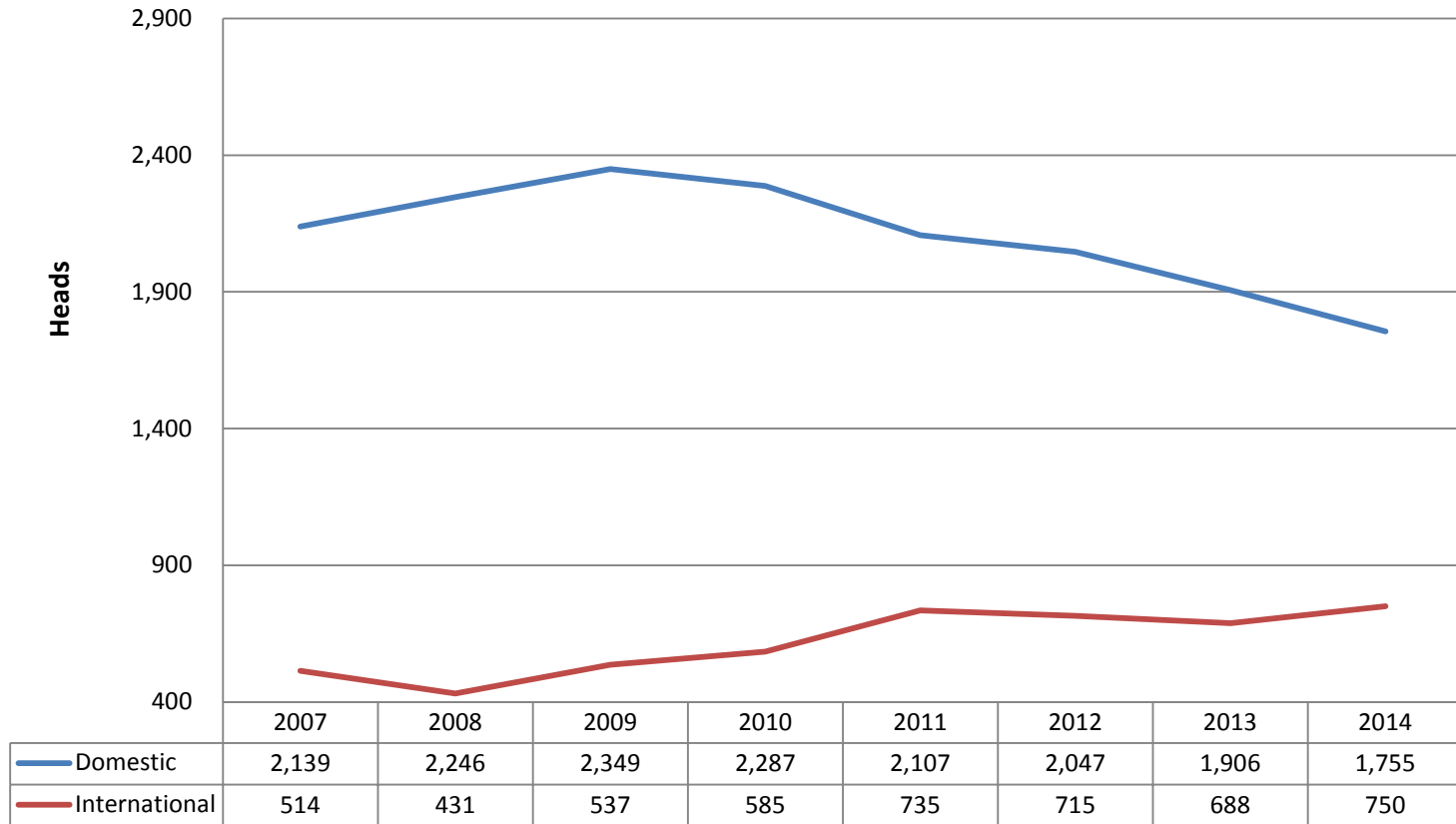
12 Diplomas LA&PS-affiliated

**Overwhelming majority of graduate funding comes in the form of:
27% scholarships, 3% researcher contributions, 70% employment**

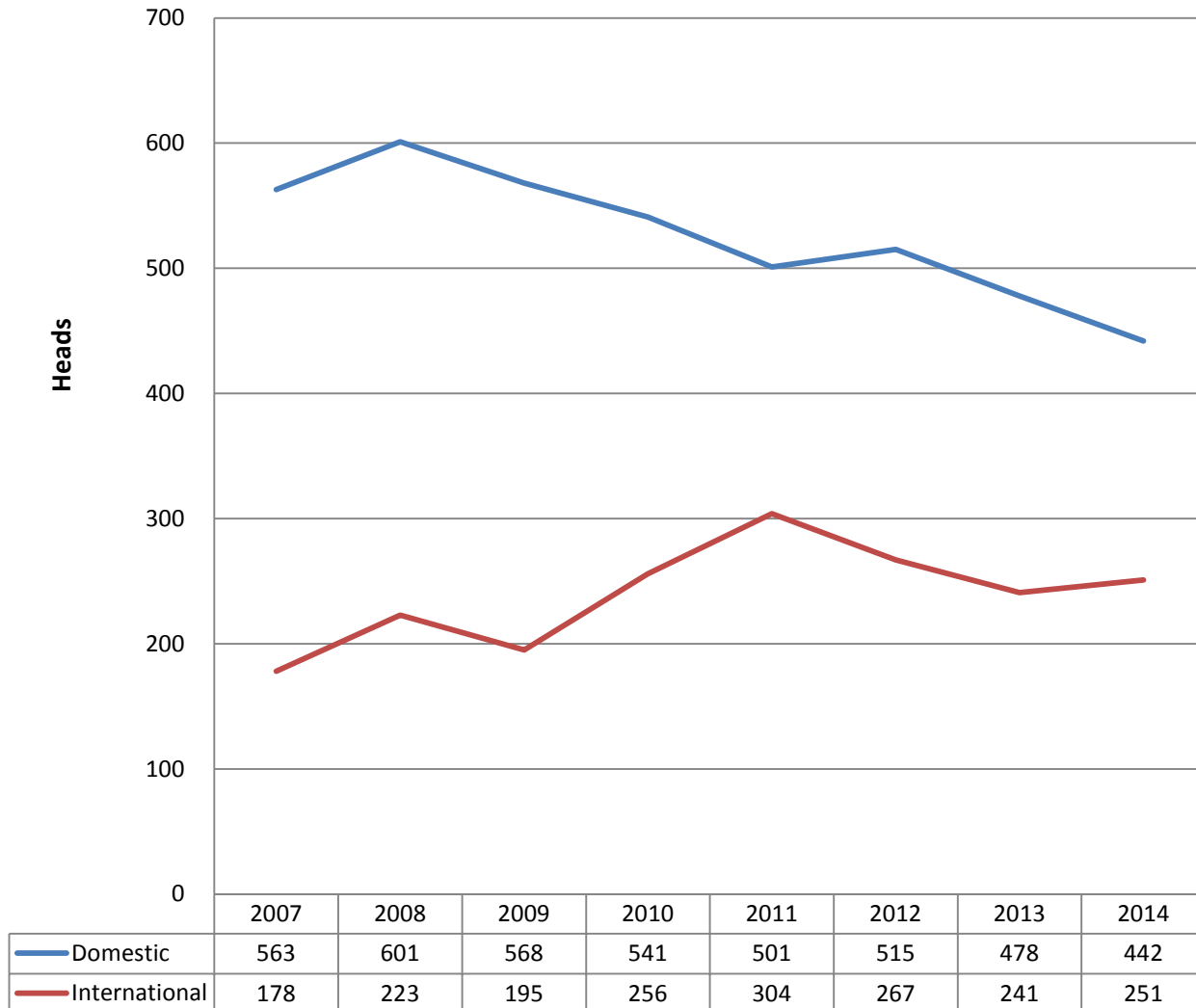
LA&PS PhD Students by Year

Tuition Code	Grad Candida cy Level	FA14
Domestic	1	133
	2	108
	3	101
	4	91
	5	91
	6	93
	7	5
Total Domestic		622
Visa	1	20
	2	11
	3	8
	4	11
	5	10
	6	5
	7	-
Total Visa		65
Total by Level	1	153
	2	119
	3	109
	4	102
	5	101
	6	98
	7	5
Total Domestic & Visa		687

Liberal Arts & Professional Studies Intake History Report 2007-2014 – Masters Applications



Liberal Arts & Professional Studies Intake History Report 2007-2014 – Doctoral Applications



York Challenges

- Significant growth of graduate programs in province
- More demand for career degrees
- Complicated funding packages (multiple sources, detailed provisions of collective agreements)

What have we been doing?

- Consulting with students, staff and faculty through working groups on graduate students with disabilities, international graduate students and enhancing graduate student experience
- Regular meetings with GSA, GPDs and GPAs
- Implementation of comprehensive Graduate Professional Skills Development (GPS)
- Process improvements (online admissions - students receiving offer and funding letter together)
- Development of online student record and awards software (ethics, petitions, milestones, work assignments, scholarships for 2017)
- Direct deposit of scholarships
- Accessible longitudinal data on applications, offers, registrants and targets
- Development of Academic Excellence Fund
- Increase in scholarship success (\$1.5 million increase in SSHRC scholarships in 2014-2015)

Opportunities: Innovation in Graduate Education

- Developing Four plus one master's
- Changing program requirement of doctorates
- Integrating professional skills development in graduate programs
- Mobilizing graduate alumni for networking
- Implementing support services for Post-Doctoral Fellows and Visitors

Faculty of Graduate Studies

Partnering in Innovation, Leadership and Excellence in
Graduate Education

Enhancing the Graduate Student Experience

Faculty of Graduate Studies

Faculty of Graduate Studies is a pan-university structure providing oversight and advocacy for graduate education

FGS

FGS will continue to provide oversight of graduate appointments, supervisory committees, academic petitions and appeals, thesis, dissertation & supervision guidelines, research ethics, graduation and convocation, transcripts

FGS will continue with Faculty Council and its five standing committees:

- APPC
- Petitions
- Appeals and Academic Honesty
- Awards
- Nominating