

# **2019-20** **ANNUAL** **REPORT**

Including financial statements



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President's message

Gervan Fearon, President and Vice-Chancellor

It is my pleasure to extend warm greetings on behalf of the entire team at Brock University.

The year will be remembered for how it impacted just about every aspect of life for Canadians. It will also be remembered for the people – including our students, faculty and staff – who rose to address the challenges and, in so doing, inspired us all. Brock University sustained its core mission of giving students an excellent education by transitioning its academic programming and student services to prevail over a global pandemic.

The world watched in disbelief as novel coronavirus spread across continents with startling speed. Institutions of every type – governments, central banks, corporations, sports federations, universities and more – took bold actions to slow the spread, protect their people and operations, and shield our front-line care workers.

By mid-March, Brock's dedicated faculty and staff were escalating measures, dramatically increasing efforts to disinfect campus, cancelling travel and major events. Thousands of students were guided to return home from residences; Brock's Centre for Pedagogical Innovation worked non-stop to help instructors transition to online courses so students could complete their term. These massive efforts normally require weeks, but they happened in days. We eliminated situations where people could congregate, while ensuring special accommodation for students who continued to require residence services, computer facilities and other supports. Today, we recognize these efforts as a tremendous success.

Throughout it all, the focus and poise shown by people across campus revealed a capacity to deal with adversity, safeguard others and protect Brock's mission for our students. These responses illustrate the human and institutional dimensions that underscore Brock's reputation as a leader for teaching excellence, world-class research and outstanding student experience.

Of course, the year was about much more than confronting a pandemic. On numerous levels, Brock's reputation emerged as a leading asset for the Niagara community, for Ontario and for Canada:

- Attracting record enrolment of nearly 20,000 students for the Fall of 2019.
- Officially opening the Brock LINC innovation centre in the stunning new Rankin Family Pavilion.
- Starting construction on Residence 8, a \$40-million facility that will add 300 beds to our accommodation capacity, and help Brock co-host the 2021 Canada Summer Games;
- Providing 24 acres of campus land for Canada Games Park, an athletics and research complex that will further boost Brock's capacities as a centre of teaching excellence.
- Contributing personal protective equipment to local front-line health-care workers, while faculty and staff volunteered for community initiatives.

Brock is ready for the future. We will continue to help students achieve their full potential in personal growth and academic distinction that leads to career success, and continue to embrace excellence in teaching, research and creative activities that lead to future opportunities and prosperity.

Please take some time to read this report, and see why Brock is a university where excellence and ambition go hand in hand.

Financial results

The following table illustrates the financial results of the University presented on a funding basis as well as in accordance with accounting standards for not-for-profits (NFPS). A reconciliation between the two presentations can be found starting on page 60.

Figure 1

(\$000s)	2019-20 Actual	Funding 2019-20 Budget	2019-20 Actual	NFPS 2019-20 Budget	Funding 2018-19 Actual	NFPS 2018-19 Actual
Revenue						
Student fees	185,078	181,566	185,818	181,566	178,067	178,739
Grant revenue	96,788	97,936	95,344	96,175	97,927	96,442
Internal chargebacks	8,484	8,528			10,055	
Inter-fund revenue	4,920	4,924			6,712	
Research revenue			11,715	11,261		14,592
Other revenue	51,707	51,492	65,361	64,266	51,333	64,144
Total revenues	346,977	344,446	358,238	353,268	344,094	353,917
Operating costs						
Personnel costs	(220,419)	(229,302)	(227,265)	(231,042)	(212,647)	(220,714)
Inter-fund expenses	(25,900)	(24,581)			(29,950)	
Other operating costs	(93,000)	(95,288)	(119,068)	(122,567)	(94,993)	(117,284)
Total operating costs	(339,319)	(349,171)	(346,333)	(353,609)	(337,590)	(337,998)
Mitigation target		4,725				
Funding surplus (before discretionary appropriations)	7,658	-	11,905	(341)	6,504	15,919
Discretionary appropriations	(7,650)				(6,475)	
Funding surplus (after discretionary appropriations)	8	-	11,905	(341)	29	15,919

Statement of operations metrics

Figure 2

By student headcount (\$000s)	April 2020	Brock <sup>(1)</sup> April 2019	April 2018	Median <sup>(2)</sup> April 2019	April 2018	Average <sup>(2)</sup> April 2019	April 2018
Student fees (primarily tuition)	9.39	9.35	8.90	9.35	8.90	9.41	8.88
Grant	5.62	6.01	5.98	8.72	8.37	10.29	10.04
Personnel costs	11.48	11.55	11.26	13.40	13.37	13.64	13.15
Scholarships	1.25	1.24	1.19	1.48	1.43	1.49	1.47
Interest on long-term debt	0.35	0.37	0.38	0.37	0.31	0.32	0.33
Investment income	0.15	0.18	0.11	0.76	0.50	0.79	0.53

(1) Certain Brock metrics have been adjusted due to a change in reporting of student headcount to include the number of new-entry students in programs having a Winter Term start date.  
(2) Calculated using financial information from 13 other comprehensive universities. Certain 2018 metrics have been updated due to revisions in certain universities' financial statements.

Brock's tuition is in line with the average; however, grant revenue per student continues to be well below the sector average. Naturally, Brock operates more efficiently given the below-average government funding, and this is seen in the lower personnel costs per student. Brock continues to invest in students through increasing scholarships. Interest and investment income metrics are in line with Brock's financial health metrics, as detailed below.

Financial health metrics

Figure 3

	April 2020	Brock <sup>(1)</sup> April 2019	April 2018	Median <sup>(2)</sup> April 2019	April 2018	Weighted average <sup>(2)</sup> April 2019	April 2018
Primary reserve ratio	14.2%	16.6%	17.1%	27.5%	29.1%	40.0%	39.2%
Debt burden ratio <sup>(3)</sup>	6.7%	2.8%	2.9%	2.4%	2.6%	2.5%	2.9%
Interest burden %	2.1%	2.2%	2.4%	1.4%	1.6%	1.6%	1.7%
Interest coverage	4.64	4.97	4.23	7.73	7.37	7.00	5.94
Viability ratio	35.7%	44.8%	39.3%	118.2%	126.8%	137.0%	121.8%
Net operating revenues ratio	9.3%	9.8%	9.2%	9.3%	10.6%	10.5%	10.3%
Employee future benefits per student headcount (\$000s)	\$(1.13)	\$(0.89)	\$(1.47)	\$(1.49)	\$(1.96)	\$(2.07)	\$(2.09)
Endowment per student headcount (\$000s)	\$5.25	\$5.60	\$5.13	\$8.68	\$8.44	\$8.11	\$7.81

(1) Certain Brock metrics have been adjusted, due to a change in reporting of student headcount, to include the number of new-entry students in programs having a Winter Term start date.  
(2) Calculated using financial information from 13 other comprehensive universities. Certain 2018 metrics have been updated due to revisions in certain universities' financial statements.  
(3) The normalized debt burden ratio for April 2020 would be 2.6% as a result of 4.1% being attributed to the Marilyn I. Walker School of Fine and Performing Arts debt elimination.

Refer to page 68 for explanations of the debt-related financial health metrics.





# Chair of the Board’s message

Gary Comerford, Chair of the Board, Brock University

On behalf of the Board of Trustees at Brock University, I am delighted to encourage you to carefully read the story of Brock University as told in the pages of our 2019-20 Annual Report.

As the President writes in his adjacent letter of welcome, we live in times of unprecedented challenges, and I am proud of how the University has responded. In this my third year as Chair of Brock’s Board of Trustees, I have watched the Brock community coalesce to achieve ambitious goals while ensuring the safe and successful operation of a dynamic institution of well over 20,000 students, faculty and staff.

Brock is a special place. I certainly appreciate the advice and feedback that I receive from my fellow trustees, and I can tell you the Board values the insights and support that we get from senior administrators, faculty and staff. We have certainly seen how the entire Brock community is passionately committed to the institution’s well-being and reputation. That attitude creates a very gratifying culture within which to work and study.



The fiscal year 2019-20 represents the second full year of leadership under our President and Vice-Chancellor, Gervan Fearon. The Board has been reassured by the devotion and vision that he continues to bring to the University, and the sincere sense of collaboration that he exudes – internally to our Senate and our Board, and externally to our growing number of community partners.

Looking back on the past year, my Board colleagues and I have been pleased to see how the diversity of Faculties, departments and organizational units across the campus have come together to adopt and indeed to exemplify the University’s Institutional Strategic Plan that was finalized just 18 months ago. In clearly laying out Brock’s values and goals, the plan makes a strong statement about our character and virtues to our surrounding communities as well as to potential students and supporters. I am pleased that the President and senior administration are energetically extending the plan’s core values into guiding principles across all of the University’s key sectors.

Of course, even without the massive effect of COVID-19, Brock was already deeply engaged in serious, innovative efforts to recalibrate its operating budget, after changes to Ontario tuition guidelines – just weeks before the start of the 2019-20 fiscal year – had a major impact on universities’ revenue models. It is a tribute to the leadership on both the academic and administrative sides of Brock that we were able to find efficiencies or defer expenditures to the point that the loss of revenue had no negative effect on the student experience and Brock’s reputation for teaching excellence.

As we head into the new fiscal year, Ontario universities obviously have our work cut out in preparing to respond to a societal environment that, frankly, remains unknown at this time. However, Brock continues to take a clear-headed and principled approach to budgeting, one that acknowledges the reality of our challenges but also recognizes our needs in terms of physical and human resources.

I am confident that the University’s leadership will continue to navigate these challenges in an intelligent way that does not harm our operations or Brock’s reputation as a leading Canadian institution.

I hope you will find these pages to contain thoughtful reading. Surgite!



# Chair of Senate’s message

Don Cyr, Chair of Senate, Brock University

The 2019-20 year was a very busy and productive one both for the overall Senate as well as its several committees that deal with the various elements of academic policy.

In 2018-19, the Senate engaged in the first substantial external review of its operations, and the reviewers were very complementary and positive regarding the structure and processes of Brock’s Senate. They did, however, have some suggestions for change, and much of the work of the Governance Committee of Senate has, this past year, focused on such changes for Senate’s consideration to streamline and strengthen its operations.

Work also continued on implementing the Institutional Strategic Plan approved in 2018-19, which set out four major priorities to guide the institution until 2025:

1. Offer a transformational and accessible academic and university experience
2. Build research capacity across the University
3. Enhance the life and vitality of our local region and beyond
4. Foster a culture of inclusivity, accessibility, reconciliation and decolonization

Progress has been made in terms of all four priorities. The Administration, the Senate and the Board are also working collaboratively in terms of developing specific metrics that can be employed to measure Brock’s progress in detail, over the next five years.

Much of Senate’s work involves the vetting of educational and research policies and initiatives that strengthen the University in both areas. Many changes have occurred this year in terms of such policies and initiatives in a framework of continuous improvement. Noted highlights include: the renewal of its policy concerning academic integrity, several collaborative initiatives with colleges and other universities in terms of educational programming, proposals for wholly new programs at the undergraduate and graduate level, the establishment of a Canada-Caribbean transdisciplinary research institute in collaboration with the University of West Indies, and the establishment of a minor program in Engineering and one in Management.

The University has also progressed this year in developing its new Strategic Mandate Agreement for the Ministry of Colleges and Universities. In addition, in 2018-19 the Ministry announced a new program of performance-based funding for Universities, that would be tied to 10 different metrics, to be implemented over a three-year period, with no additional

funding committed to the sector. The Senate engaged in several generative discussions over the year, with respect to the new funding model and the proposed performance metrics.

The pressure on ministerial funding, combined with a mandated decrease in student tuition of 10 per cent, and freezing of tuition for a subsequent year, has placed renewed focus on the part of Senate in assuring that budget planning remains consistent with the academic policy of the institution.

On March 13, the COVID-19 Pandemic resulted in the University having to halt face-to-face instruction and other in-person operations. This resulted in an extremely busy period for the institution, including additional special meetings of Senate to deal with the discontinuity, along with options for students with respect to how their final grades would be reported for the term. The work continues as Brock offers a fairly substantial Spring and Summer Term and, in addition, must plan for contingencies in Fall 2020. This challenging and unprecedented period saw the institution pulling together to move quickly into action on the part of faculty, staff, senior administration, the Senate and the Board of Trustees.

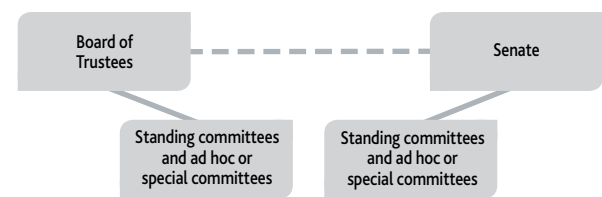
Despite the uncertainty created by the pandemic, applications and interest on the part of students in terms of our programs at both the undergraduate and graduate level remain strong, and are indicative of the quality education and research that is carried out at Brock.



# Governance at Brock University

The University was incorporated in 1964 through The Brock University Act (the Act), a Statute of the Province of Ontario. The University is governed by the Act and its bylaws (the Bylaws). The Act provides that except as otherwise specifically assigned to the Senate, the governance, conduct, management and control of the University's property and the conduct of its business and affairs is vested in the Board of Trustees (the Board). The Senate is responsible for the educational policy of the University. This bicameral system of governance, consisting of two governing bodies – the Board and the Senate – is shown below.

Figure 4: The bicameral system of governance



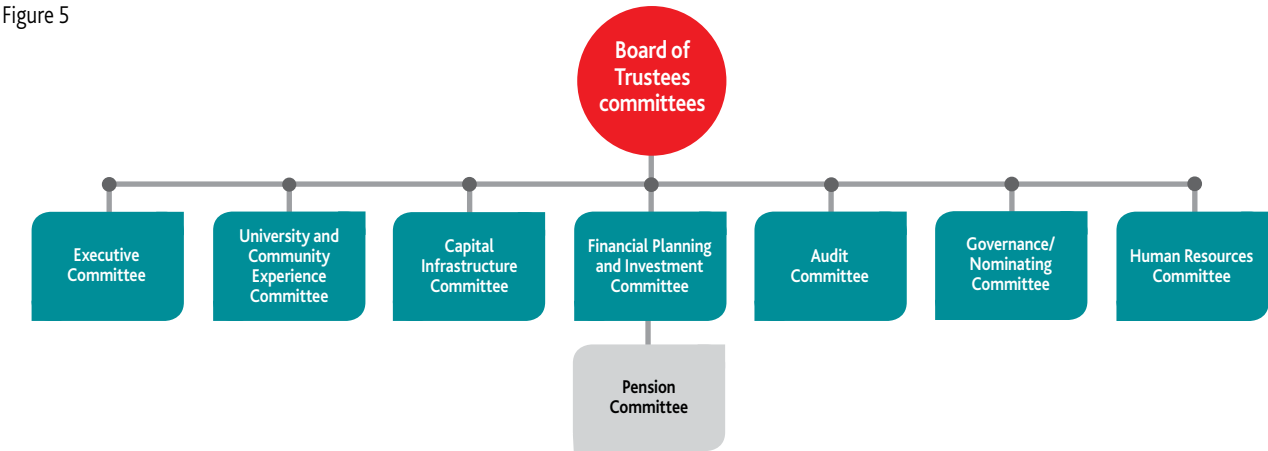
## Board of Trustees

The Board consists of 26 members, including 17 community members elected by the Board, as well as one graduate and one undergraduate student, three faculty members and two staff members elected by their respective constituencies. The Chancellor and the President and Vice-Chancellor are ex officio members of the Board.

## 2019-20 Board of Trustees members

- Sophia Aggelonitis, Community Trustee
- Mark Arthur, Community Trustee
- Michele-Elise Burnett, Community Trustee
- Shirley Cheechoo, Chancellor
- Bradley Clarke, Staff Trustee
- Gary Comerford, Community Trustee, Chair of the Board
- Jens Coorssen, Faculty Trustee
- Don Cyr, Faculty Trustee, Chair of Senate
- Mario De Divitiis, Community Trustee
- Mary De Sousa, Community Trustee
- Gervan Fearon, President and Vice-Chancellor
- John Fisher, Community Trustee
- Giulia Forsythe, Staff Trustee
- Bilal Khan, Student Trustee, President, Brock University Students' Union
- Brian Lang, Community Trustee
- Bill Maurin, Community Trustee
- Anne McCourt, Community Trustee
- Beverley Morden, Community Trustee
- Marylee O'Neill, Community Trustee
- Chris Phillips, Community Trustee, member, Brock University Alumni Association Executive Committee
- Miriam Richards, Faculty Trustee
- William (Bill) Rickers, Community Trustee
- Robert Welch, Community Trustee
- Robin Williams, Community Trustee, Vice-Chair of the Board
- Christopher Yendt, Student Trustee, President, Brock University Graduate Students' Association
- Elisabeth Zimmermann, Community Trustee

Figure 5



## Senate

The Senate currently consists of 69 members, including 37 elected full-time teaching staff and professional librarians, two members of the Board, four undergraduate students and three graduate students elected by their respective constituencies. There are also 23 ex officio members of the Senate.

## 2019-20 Senate members

### Members ex officio

- Shirley Cheechoo (Chancellor)
- Gervan Fearon (President and Vice-Chancellor)
- Gregory Finn (Provost and Vice-President, Academic)
- Asad Jalib (BUSU, Vice-President, Finance and Administration)
- Tim Kenyon (Vice-President, Research)
- Vice-President, Administration (vacant)
- Brian Power (Vice-Provost and Associate Vice-President, Academic)
- Anna Lathrop (Vice-Provost and Associate Vice-President, Students)
- Camille Rutherford (Vice-Provost, Strategic Partnerships and International)
- Amos Key Jr. (Vice-Provost, Indigenous Engagement)
- Ejaz Ahmed (Dean, Faculty of Mathematics and Science)
- Diane Dupont (Dean, Faculty of Graduate Studies)
- Andrew Gaudes (Dean, Goodman School of Business)
- Ingrid Makus (Dean, Faculty of Social Sciences)
- Carol Merriam (Dean, Faculty of Humanities)
- Michael Owen (Dean, Faculty of Education)
- Peter Tiidus (Dean, Faculty of Applied Health Sciences)
- Geraldine Jones (Registrar)
- Mark Robertson (University Librarian)
- Gary Comerford (Chair, Board of Trustees)
- Thomas Winger (President, Concordia Seminary)
- James O'Brien (Alumni Association Representative)
- Michele-Elise Burnett (Indigenous Representative)

### Full-time teaching staff/professional librarian

Note:  
Faculty of Applied Health Sciences (FAHS);  
Goodman School of Business (GSB);  
Faculty of Education (FOE);  
Faculty of Humanities (FOH);  
Faculty of Mathematics and Science (FMS);  
Faculty of Social Sciences (FOSS); and  
Faculty of Graduate Studies (GS).

## representatives

- James Allard (FOH)
- Michael Ashton (FOSS)
- Kate Bezanson (FOSS)
- Irene Blayer (FOH)
- Poling Bork (FMS)
- Natalee Caple (FOH)
- Christene Carpenter-Cleland (FMS)
- Jens Coorssen (FAHS)
- Don Cyr (GSB), Chair of Senate
- Andrew Dane (FOSS)
- Eric Dolansky (GSB)
- Fayez Elayan (GSB)
- Bareket Falk (FAHS)
- Amy Friend (FOH)
- Jennifer Good (FOSS)
- Elizabeth Greene (FOH)
- Nota Klentrou (FAHS)
- Katerina Koka (FOSS)
- Kelly Lockwood (FAHS)
- Catherine Longboat (FOE)
- John Fisher
- Linda Lowry (Library)
- Richard C. Mitchell (FOSS)
- Tim Murphy (FOSS)
- Beatrice Ombuki-Berman (FMS)
- Tim Ribaric (Library)
- Ian Ritchie (FAHS)
- Colin Rose (FOH)
- Larry Savage (FOSS)
- Kirsty Spence (FAHS)
- Carole Lynn Stewart (FOH)
- Susan Sydor (FOE)
- Tek Thongpapanl (GSB)
- Francine Vachon (GSB)
- Philip Wachel (ESL Services)
- Michelle Webber (FOSS)
- Heather Whipple (Library)
- Murray Wickett (FOH)

### Representatives of the Board of Trustees

- Sophia Aggelonitis

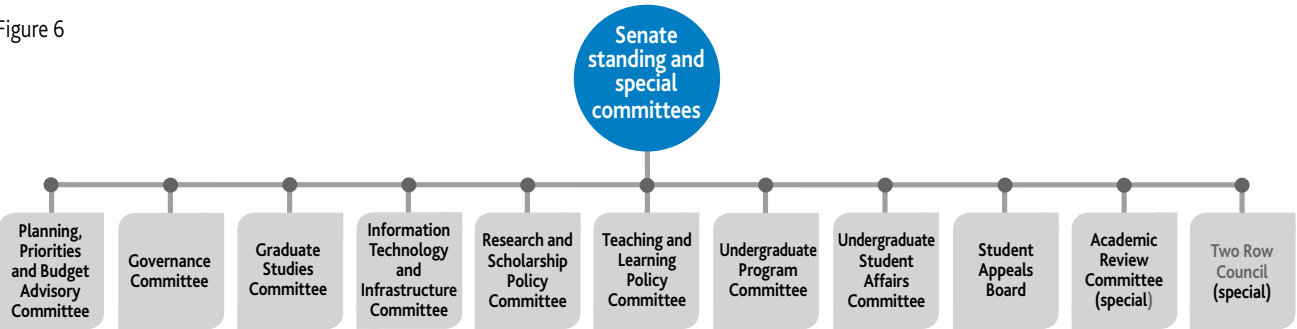
### Undergraduate student representatives

- Harroop Ahuja
- Abdul Basit
- Alexa Leitch
- Tooba Muhammad

### Graduate student representatives

- Melanie Exance

Figure 6





# Institutional Strategic Plan: Niagara Roots – Global Reach

Illuminating Brock’s path forward is our Brock University Institutional Strategic Plan for 2018-2025, entitled “Niagara Roots – Global Reach,” referred to throughout the text of this document as the “Institutional Strategic Plan.” It was developed through a broad-based, full-year consultation process and has been approved by the Board of Trustees and Senate. The document sets out the vision, mission, guiding values and strategic priorities to support planning and decision-making until 2025. The entire Plan, including the Guiding Values, can be viewed at [brocku.ca/vp-academic/wp-content/uploads/sites/65/Brock-University-Strategic-Plan.pdf](http://brocku.ca/vp-academic/wp-content/uploads/sites/65/Brock-University-Strategic-Plan.pdf)

## Vision

Brock University is a dynamic, comprehensive university that makes a positive difference in the lives of individuals in our Brock community, the Niagara region, Canada and the world through leadership, innovation and excellence in learning, teaching, research, scholarship and creativity across disciplines.

## Mission

Brock flourishes through the scholarly, creative and professional achievements of our students, faculty and staff. Although we share a common purpose, we recognize and honour knowledge pursued through diverse perspectives and approaches. Our academic mission is to nurture and support our students and faculty in the discovery of knowledge through exemplary scholarship, teaching and service.

We provide undergraduate, graduate and professional education of the highest quality. Our graduate programs enhance Brock’s growing reputation for excellence in teaching, research, creativity and innovation. We provide a transformative experience for our students inside and outside the classroom by helping to develop their full potential as educated and engaged citizens in local and global communities. Brock graduates go out into the world as leaders, with a track record of entering fulfilling careers across all disciplines.

Brock University works to enhance the economic, social, cultural and intellectual lives of the communities around us – Niagara, Ontario, Canada and globally – and to demonstrate the vital ways in which we contribute to the well-being and betterment of society in the 21st century.

## Strategic priorities

The Institutional Strategic Plan establishes four strategic priorities, along with associated goals and action items, to advance Brock’s vision over the next seven years. These priorities focus the University community on fulfilling and strengthening our mission as an engaged and comprehensive university through:

### Strategic priority: Offer a transformational and accessible academic and university experience

To be a destination of choice for undergraduate, graduate and part-time students, we must ensure an academic and university experience that positively transforms our students’ abilities, understanding and impact on the world. We teach future-ready students and equip lifelong learners with a zest for knowledge, skills and competencies that will enable them to achieve their full academic, professional, career and life potential. Core to our student experience is the development of engaged citizens who are resilient, involved, career-ready and versatile.

### Strategic priority: Build research capacity across the University

Our research focus is central to our identity. Brock will invest in building a world-leading research institution that is grounded in scholarly excellence and strong graduate and postgraduate programs. We will leverage our strengths within and across disciplines to enhance research impact.

### Strategic priority: Enhance the life and vitality of our local region and beyond

Brock is committed to working with the communities in Niagara, Ontario, Canada and the world. Through local and global connections, we increase opportunities for the residents of Niagara. By responding to the needs of society and supporting its growth and development, we strengthen community vitality and vibrancy.

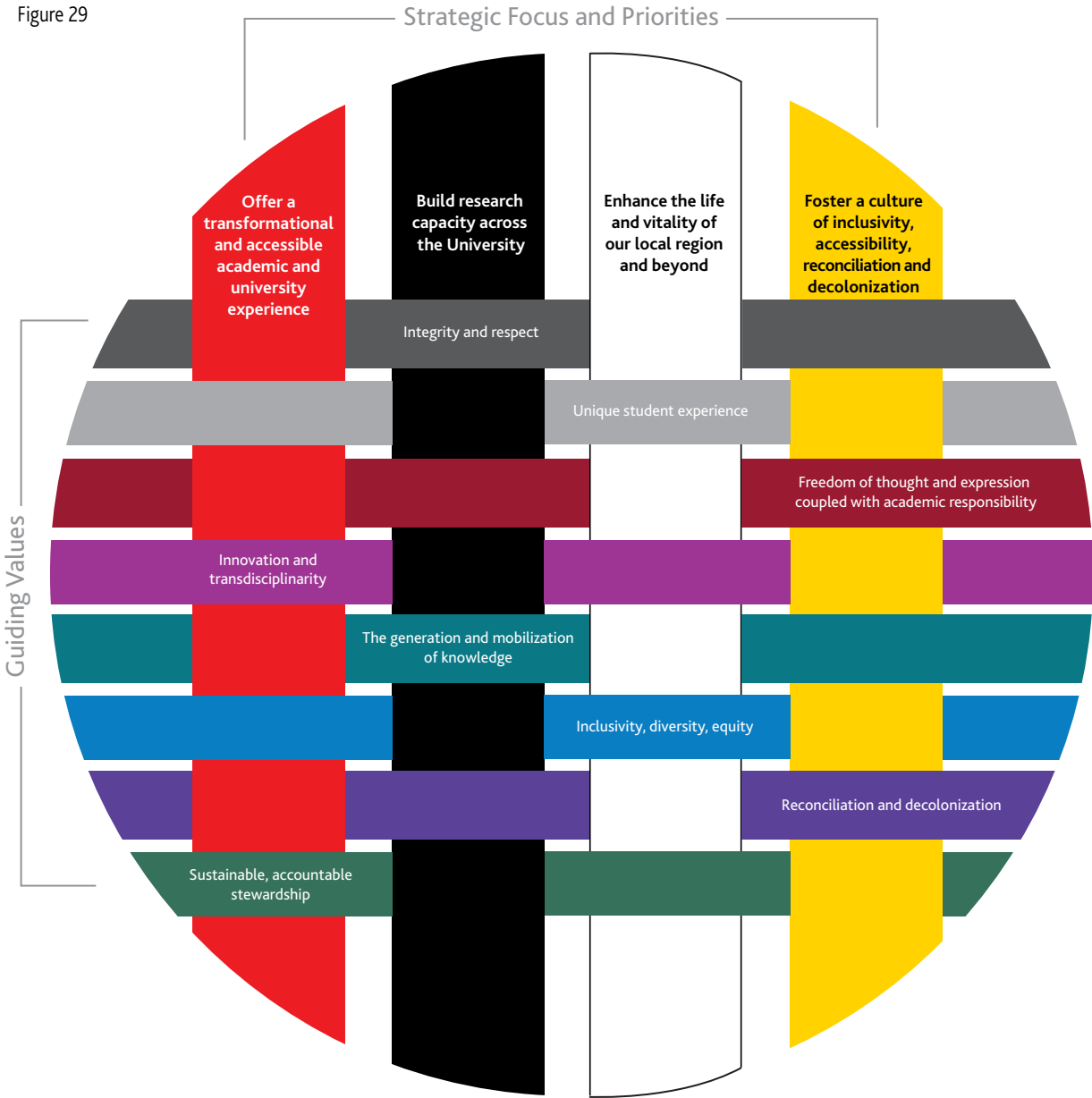
### Strategic priority: Foster a culture of inclusivity, accessibility, reconciliation and decolonization

At Brock, we believe that a diverse and welcoming learning community is built upon the foundation of exceptional students, faculty, staff and alumni. This requires that Brock be attractive and welcoming to people of all identities, and accepting of the unique histories and experiences of Indigenous people within the Canadian state.

Our strategic priorities set the University on the path towards greater national and global recognition for its engagement and relevance to students and communities, through enhanced innovation and excellence in teaching, learning, discovery, creativity and the application of knowledge across disciplines.

## GUIDING VALUES AND STRATEGIC PRIORITIES<sup>(1)</sup>

Figure 29



(1) The colours in the graphic include Brock’s brand standards and those from the Indigenous Medicine Wheel, the Pride Flag and the Dish with One Spoon Wampum Agreement Flag.

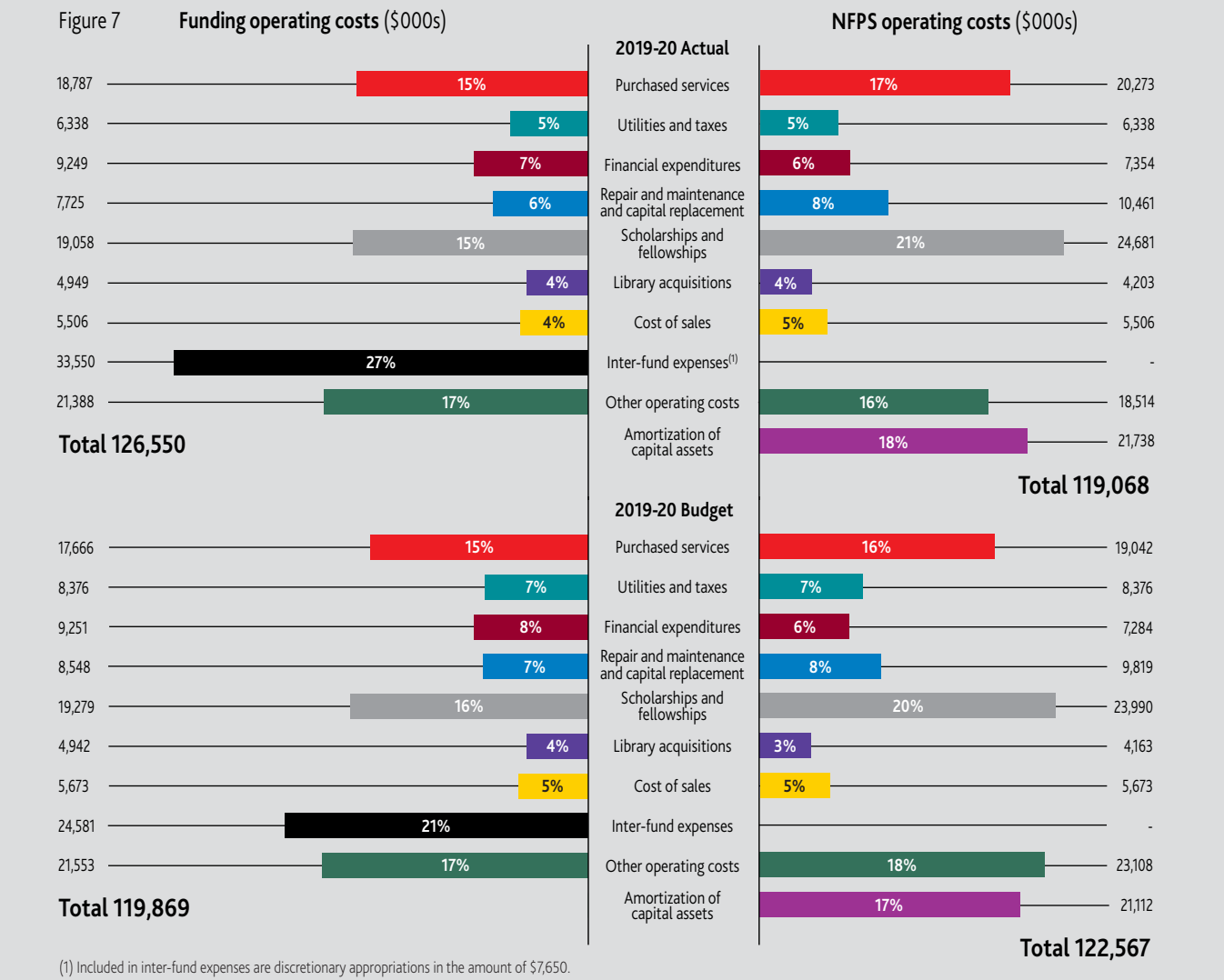


Figure 8: Personnel costs by group

Personnel group <sup>(1)</sup> (\$000s)	Salary/wage	2019-20 Actual Benefits and pension	2019-20 Actual Total personnel costs	Salary/wage	2019-20 Budget Benefits and pension	2019-20 Budget Total personnel costs
Faculty and professional librarians	91,902	18,157	110,059	94,320	20,543	114,863
Admin/professional	43,812	10,740	54,552	45,541	12,134	57,675
CUPE 4207 – Unit 1	14,606	1,534	16,140	14,274	1,564	15,838
OSSTF	7,522	2,269	9,791	7,768	2,453	10,221
CUPE 1295 FT	7,299	2,251	9,550	6,884	2,324	9,208
SAC	5,555	1,077	6,632	5,314	1,160	6,474
Other	12,270	1,425	13,695	13,355	1,668	15,023
Total – funding basis	182,966	37,453	220,419	187,456	41,846	229,302
Adjustments to NFPS (See page 61 for discussion of adjustments)						
Employee future benefits adjustment <sup>(2)</sup>		712	712		(1526)	(1,526)
Internal restricted funds and research personnel cost <sup>(3)</sup>		863	6,134		426	3,266
Total – NFPS basis	188,237	39,028	227,265	190,296	40,746	231,042

(1) Faculty and Professional Librarians – BUFA members, Professional Librarians, Associate Deans, Associate Vice-Presidents of Research, Associate University Librarians and BUFA overload. Admin/Professional-administrative/professional and exempt staff, administrative/professional casual staff; CUPE 4207 – Unit 1 – instructors, teaching assistants, lab demonstrators, course co-ordinators and marker/graders; OSSTF – support and technical staff; CUPE 1295 FT – full-time maintenance, trades and custodial staff; SAC – Senior Administrative Council; Other – all other union groups, part-time teaching and non-teaching positions and stipend transfers.

(2) The employee future benefits adjustment for actual 2019-20 of \$712,000 is the difference between payments made for employee future benefits and the net change in the obligation. The employee future benefits adjustment for budget 2019-20 actually nets two adjustments – \$424,000 offset by \$1,950,000. Refer to adjustment 10 and 11 on page 91 of the 2019-20 Budget Report for detailed descriptions of these adjustments.

(3) The personnel costs on a funding basis does not include personnel costs recorded in the internally restricted funds, as part of course fee expenses, in endowments, and in external research. This adjustment represents the personnel costs in the following funds: capital and infrastructure projects and reserves, operating project accounts, research funds with no external obligations, start-up funds, professional expense reimbursement accounts, the strategic initiative fund and the external research fund.

Refer to page 48 for commentary on the funding actual results and page 64 for commentary on the NFPS actual results.

Figure 9: Fall 2019 undergraduate students by permanent country of residence (%)

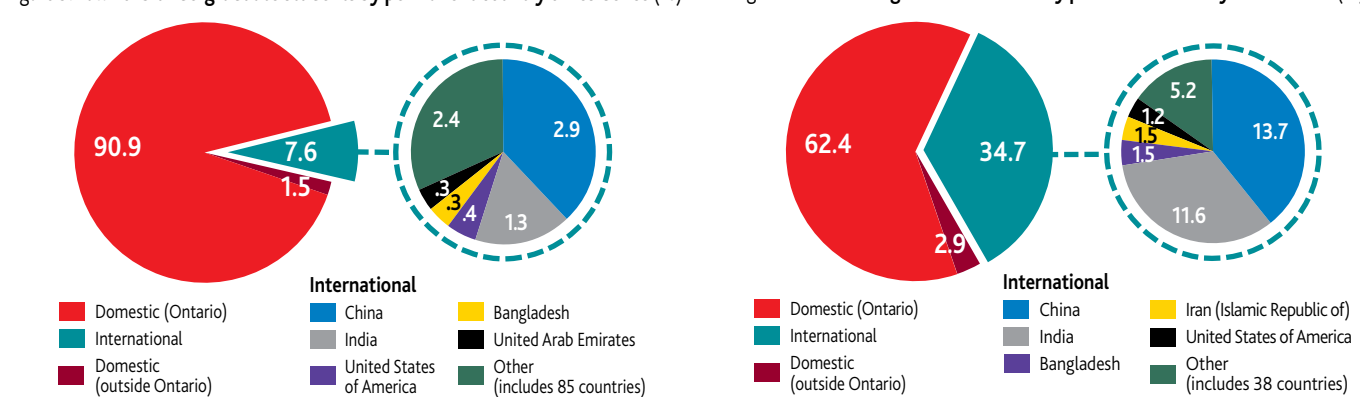


Figure 11: 2019 international student headcount by Faculty

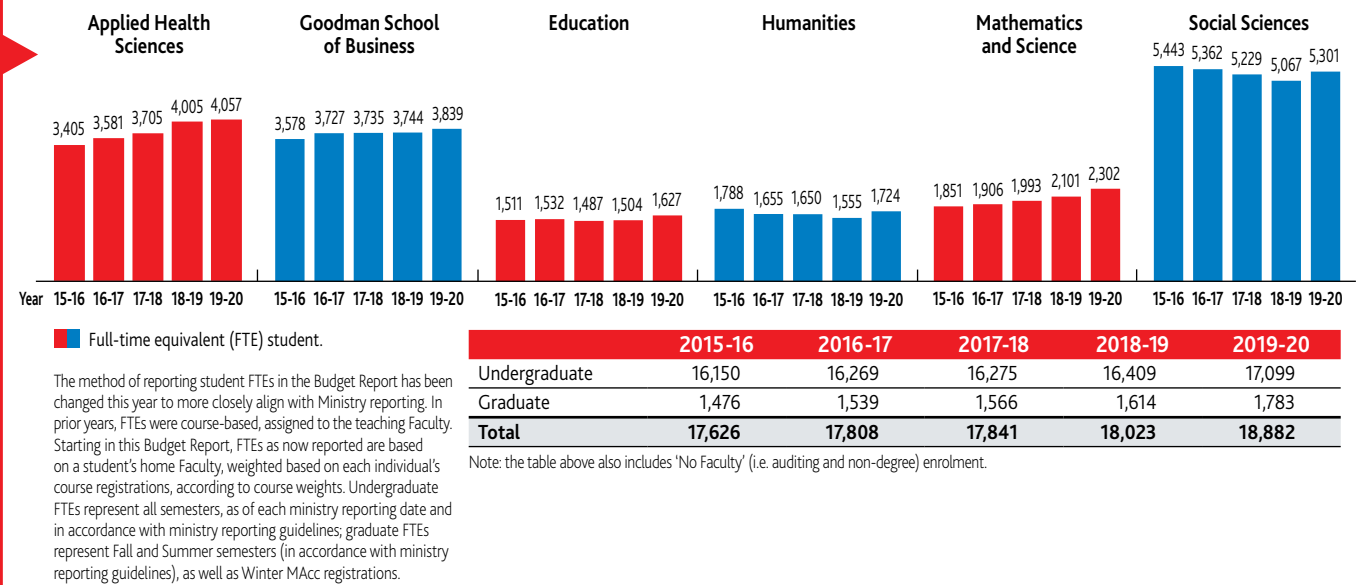
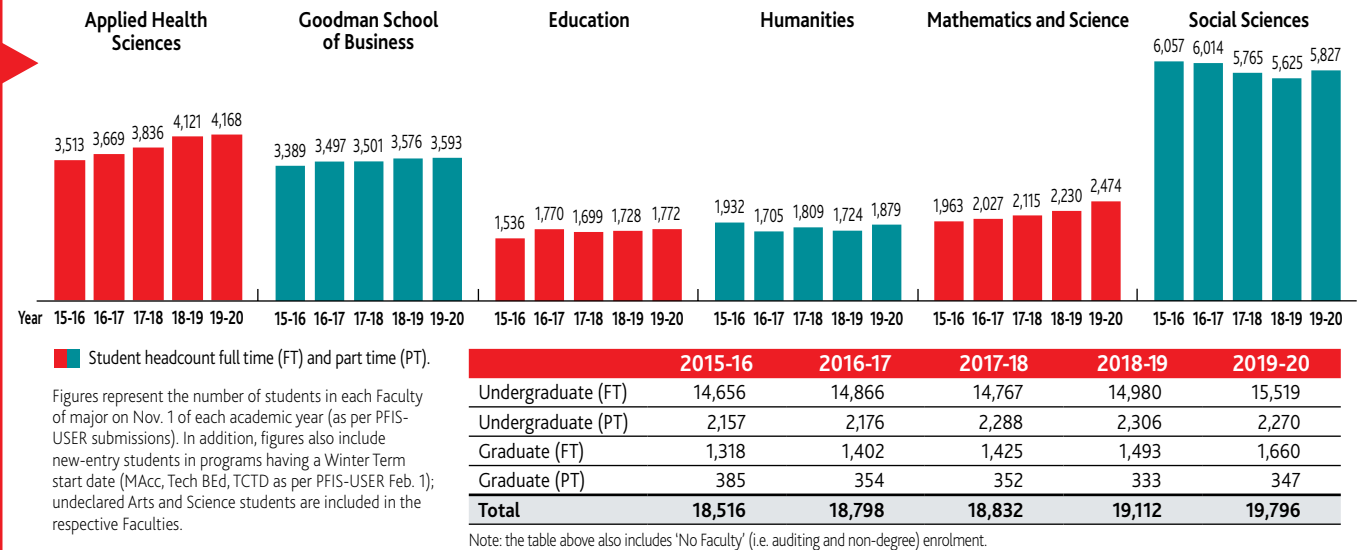
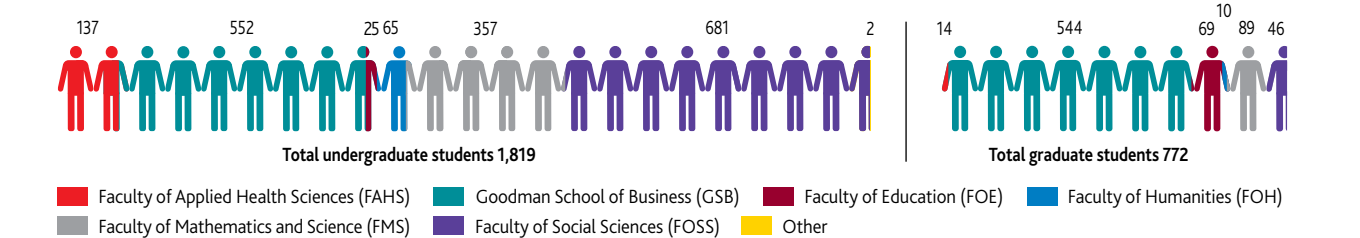


Figure 14: Self-identified Indigenous applicants and registrants

	Applicants	Registrants
2016-17	153	47
2017-18	170	58
2018-19	175	41
2019-20	251	69

Source: Power BI Admission

Figure 15: Full-course equivalents (FCE) offered in 2019-20 (%)



Figure 16: Students that received OSAP in 2019-20 (%)

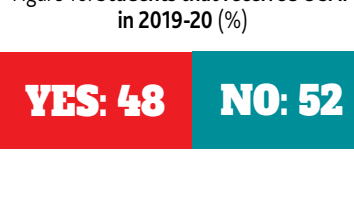


Figure 18: 2019-20 undergraduate programs average entering grade by Faculty (%)

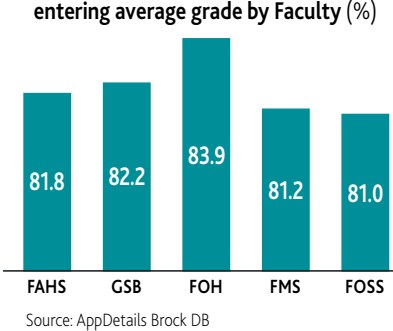
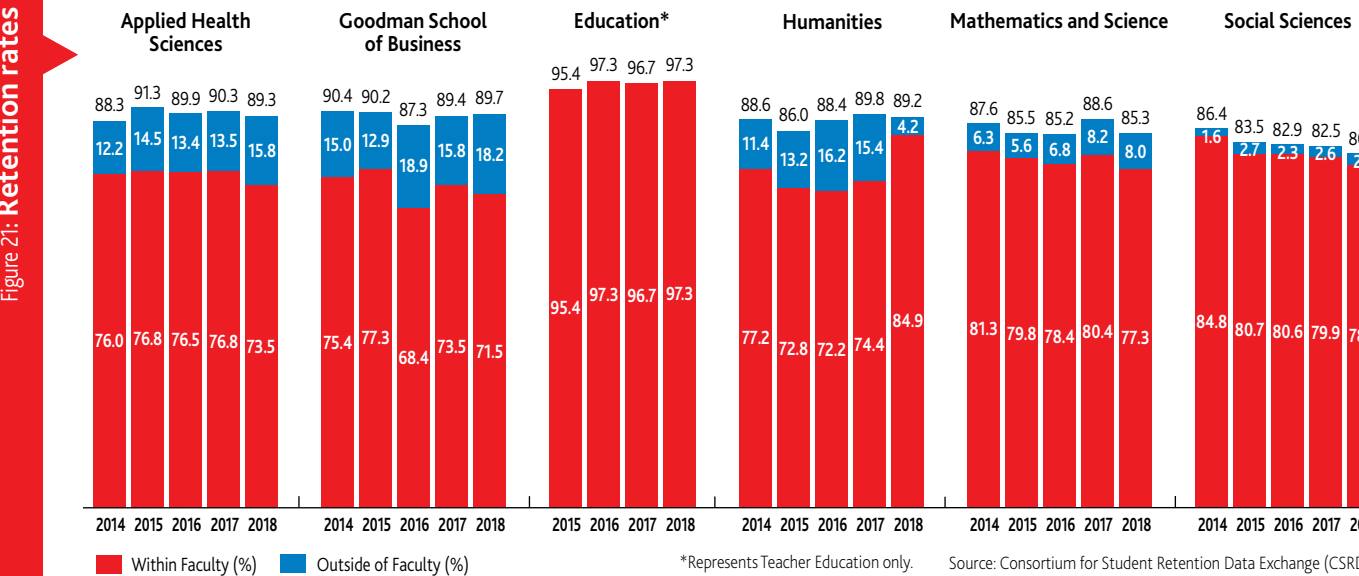
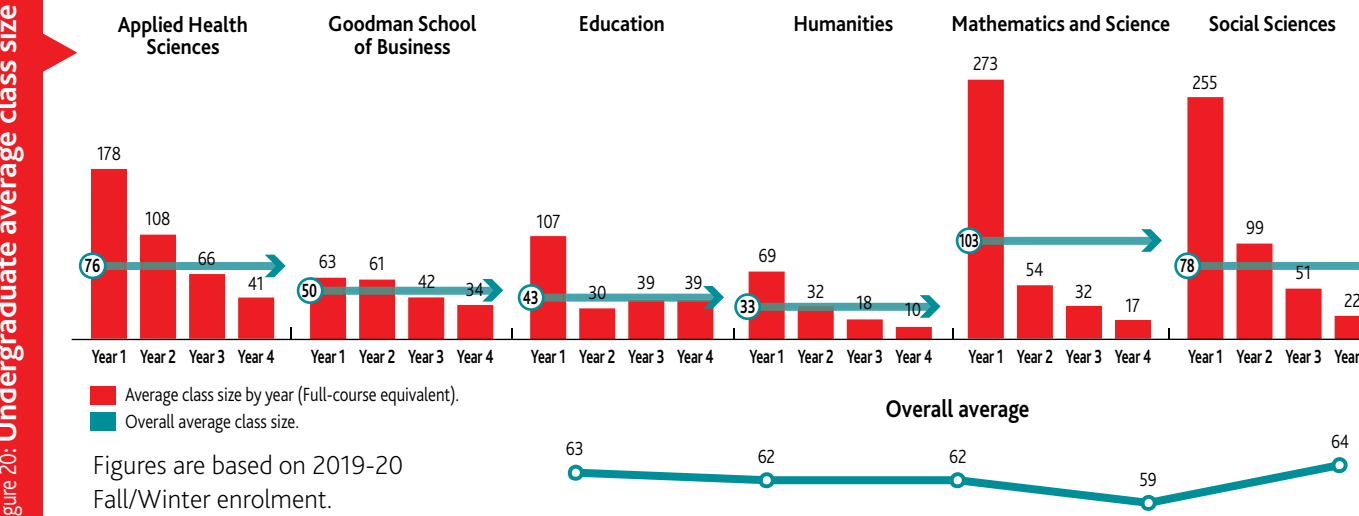
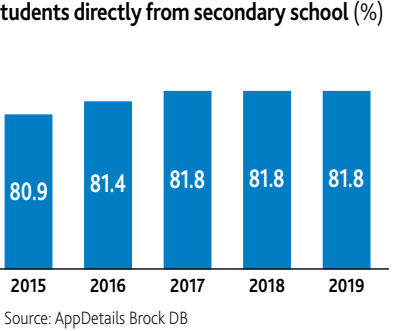


Figure 19: Brock mean entering average of new students directly from secondary school (%)



Figures represent the tracking of first-time; full-time bachelor's degree-seeking students. The figures represent the percentage of students returning the following November, regardless of year of study.

\*Includes external research grants in the office of the Vice-President, Research, Office of Research Services and Faculty of Graduate Studies, including Research Support Funds (previously Federal Indirect Costs Program) and externally-funded scholarships for graduate students.





**CELEBRATING OUR PEOPLE** We can talk about revenue and expenses, but it is really our people and their accomplishments that make Brock University “BU”



Pullout 1/viii

## STUDENT EXPERIENCE



**STRATEGIC PRIORITY:**  
Offer a transformational and accessible academic and university experience.

To be a destination of choice for undergraduate, graduate and part-time students, we must ensure an academic and university experience that positively transforms our students' abilities, understanding and impact on the world. We teach future-ready students and equip lifelong learners with a zest for knowledge, skills and competencies that will enable them to achieve their full academic, professional, career and life potential. Core to our student experience

is the development of engaged citizens who are resilient, involved, career-ready and versatile.

### GOALS:

- Deliver high-quality programs that meet the interests and needs of students, and support them to achieve their potential in life.
- Expand Brock's lifelong learning opportunities for our students and members of the community.
- Provide an engaging campus experience that meets students' needs and affords social, cultural and recreational opportunities.
- Offer globally oriented learning and experience opportunities.



### Colombia

**Brock student educates Colombian community about head lice:** Brock Medical Sciences student Oscar Palacio, showed a head lice specimen to children enrolled in his research study in Colombia. Growing up in a small city in Colombia, Palacio dreamed of becoming a medical doctor. Now a third-year Brock Medical Sciences student, he is well on his way to achieving his goals, all while giving back to his home country. Palacio's family moved to Brampton, Ont., when he was 12. "In September 2017, after a family trip to Colombia to visit the small towns and villages of my childhood, I returned to Brock with renewed enthusiasm to make a contribution to these close-knit communities," Palacio said.  
[brocku.ca/brock-news/2019/06/brock-student-educates-colombian-community-about-head-lice/](http://brocku.ca/brock-news/2019/06/brock-student-educates-colombian-community-about-head-lice/)



### Volunteering

**Alternative Reading Week gives students transformative experience:** Student volunteer Karoline Lucas (left) and Community Engagement Co-ordinator Megan Brown (right) participated in a Habitat for Humanity building project during Brock's Alternative Reading Week trip to Sumter, South Carolina. "We learned not only how to build a house and use different tools but also how to work with other people and the importance of volunteering," said Lucas. But it was meeting the family who would occupy the home the Brock team was building that made Lucas pause to reflect on the greater impact of her actions. Megan Brown, Brock's Community Engagement Co-ordinator, has taken part in three Sumter trips and said the partnership gets stronger each winter.  
[brocku.ca/brock-news/2020/02/students-represent-brock-in-longstanding-outreach-partnership/](http://brocku.ca/brock-news/2020/02/students-represent-brock-in-longstanding-outreach-partnership/)



### #1 for mental health

**Brock reinforced as No. 1 for mental health services in Maclean's ranking:** When it comes to student satisfaction, Brock remains in the top four Canadian comprehensive universities, according to *Maclean's* University Rankings published in Oct. 2019. And for mental health supports that help students cope with anxiety – such as this "puppy room" stress relief session – Brock again placed No. 1 among Canada's comprehensive universities. In the comprehensive category, Brock ranked fourth nationally for academic advising staff and for residence life; fifth for administrative staff, for student life staff and for extracurricular activities; and sixth for course instructors and for experiential learning.  
[brocku.ca/brock-news/2019/10/brock-reinforced-as-no-1-for-mental-health-services-in-macleans-ranking/](http://brocku.ca/brock-news/2019/10/brock-reinforced-as-no-1-for-mental-health-services-in-macleans-ranking/)



## Students benefit from high tech anatomy table

Kinesiology student James John Hall (far right) envisioned Brock as the first comprehensive university in Canada to have an Anatomage Table for undergraduate anatomy classes and worked for more than two years to raise awareness and the funds needed to be able to give his fellow classmates the table. The table was purchased with a generous donation from the Brock University Students' Union and matching funds from the Faculty of Applied Health Sciences in September 2019. More than 500 Applied Health Sciences undergraduate students in first and second year will benefit from the technology valued at more than \$100,000.

[brocku.ca/brock-news/2019/06/students-get-hands-on-experience-with-high-tech-anatomy-table/](https://brocku.ca/brock-news/2019/06/students-get-hands-on-experience-with-high-tech-anatomy-table/)



## Successful CHYS Boot Camp aims to inspire other Brock initiatives

Close to 50 first- and second-year students participated in this year's CHYS Academic Boot Camp. Each year, the Department of Child and Youth Studies hosts an event to give students the boost they may need to excel during their time at Brock. It aims to help students sharpen their academic skills, such as essay writing, while also offering workshops on important aspects of student life, including time and stress management, and how to deal with perfectionism. "This initiative exemplifies Brock's strategic priority of providing a transformational and accessible academic and student experience," said Ingrid Makus, Dean of Social Sciences. [brocku.ca/brock-news/2019/07/successful-chys-boot-camp-aims-to-inspire-other-brock-initiatives/](https://brocku.ca/brock-news/2019/07/successful-chys-boot-camp-aims-to-inspire-other-brock-initiatives/)



## Career success

### Every Brock program is now offering an experiential option:

Brock students Matthew Deven, (left) and Brendan Llew-Williams examine rock formations in northern Ontario during a fourth-year Earth Sciences course. Brock's graduate employment rates outpace the Ontario average. Data from the Ministry of Colleges and Universities show that, six months after graduating, Brock grads have an employment rate of more than 90 per cent. Two years after graduating, the rate is more than 96 per cent. A key factor behind this career success is Brock's emphasis on experience in the workplace. In Fall 2019, Brock reached a new milestone by offering experiential education opportunities in 100 per cent of its academic programs.

[brocku.ca/brock-news/2019/07/career-launcher-this-fall-every-brock-program-will-have-an-experiential-option/](https://brocku.ca/brock-news/2019/07/career-launcher-this-fall-every-brock-program-will-have-an-experiential-option/)



**Addictions counsellor available to Brock students:** The pull of an addiction can lead those in its sphere to feel as though they have nowhere to turn. However, for Brock University students, an available resource is ready to help. Students who are struggling with addiction to substances, gaming or gambling, or are concerned about someone in their life who is struggling, have access to complimentary on-campus support from Addictions Counsellor Tiffany Scriver. The service, organized through the Student Wellness and Accessibility Centre in partnership with Community Addictions Services of Niagara, aims to engage students struggling with an addiction or its effects by offering appointments in Brock's Student Wellness and Accessibility Centre two days a week.

[brocku.ca/brock-news/2019/09/addictions-counsellor-available-to-brock-students/](https://brocku.ca/brock-news/2019/09/addictions-counsellor-available-to-brock-students/)



**COVID RESPONSE: Online learning transition prioritizes well-being and course integrity:** As Brock University transitioned to online learning for the remainder of the winter 2019-20 session, Madelyn Law, Associate Vice-Provost, Teaching and Learning, encouraged faculty to prioritize their own well-being and the well-being of their students as courses were reweighted, redesigned and digitized. Law said a first step was to focus on the learning outcomes that had been achieved in the course so far and what still needed to be evaluated. Though the format of course delivery may be different, Law said the integrity of the University's programs are still in place. "The Centre for Pedagogical Innovation (CPI) and other staff are doing our very best to support faculty in moving their work to alternative formats," she said. "This is the time to work together to ensure our students' academic term is not at risk, the quality of our student learning is not compromised and doing both of these things in a way that demonstrates how the Brock community can work together to flatten the curve."

[brocku.ca/brock-news/2020/03/online-learning-transition-prioritizes-well-being-and-course-integrity/](https://brocku.ca/brock-news/2020/03/online-learning-transition-prioritizes-well-being-and-course-integrity/)



**Brock pioneers breakthrough to link graduates with employers:** In Spring 2019, Brock University launched a unique post-graduation training program to help students bridge the gap between the end of their academic degree and the beginning of their employment career. Called "Talent Bridge," the University has partnered with industry employers who have identified sector-specific skills and licensing credentials that graduating students need as they transition to full-time employment. This program will give graduates an inside edge in a competitive job market. Talent Bridge will have multiple industry streams. More than 10 companies have signed up so far, and the list is growing.

[brocku.ca/brock-news/2020/01/brock-pioneers-breakthrough-to-link-graduates-with-employers/](https://brocku.ca/brock-news/2020/01/brock-pioneers-breakthrough-to-link-graduates-with-employers/)



## Brock prof enhances online learning with 3D classroom

Brock Business student and XpertVR co-founder Evan Sitler walked English Professor Martin Danahay through the controls used to navigate a new 3D classroom. In the Winter Term, Danahay took his Life Writing course into an online 3D space. They discussed memories, diaries and biographies, and interacted with one another as their custom avatars. Through Brock's Chancellor's Chairs for Teaching Excellence awards, Danahay was provided annual funding of \$5,000 over three years for the project. The funds allowed for the creation of the online seminar room, crafted from scratch by XpertVR, a company founded by current Brock students Evan Sitler and Drew MacNeil.

[brocku.ca/brock-news/2019/07/brock-prof-to-enhance-online-learning-with-3d-classroom/](https://brocku.ca/brock-news/2019/07/brock-prof-to-enhance-online-learning-with-3d-classroom/)



**Students to start their Brock experience across the world:** Brock University is set to welcome a fresh group of Badgers for a new semester focused on online learning. International students electing to start this May for Spring/Summer programming will begin their degree in countries across the world. "It's a unique situation," said Sandra Gruosso, Associate Director, Brock International Services. "The positive side is that students are able to begin their dream of a Canadian university education from the comforts of home, wherever home may be." It also means that no study permits or visas are required until students have to physically enter Canada to further their studies, which is often a complicated process to navigate. Brock International Services has migrated their student support online, including academic and language support, immigration consulting, and student engagement opportunities. [brocku.ca/brock-news/2020/04/students-to-start-their-brock-experience-across-the-world/](https://brocku.ca/brock-news/2020/04/students-to-start-their-brock-experience-across-the-world/)



**Grants aligned with Canada Games to inspire course redesign for Brock students:** As the Niagara region prepares to host the nation for the 2021 Canada Summer Games, officials at Brock University are developing funding opportunities to help instructors redesign courses so students can benefit from Games-related community involvement. A new stream of Brock's Teaching and Learning Innovation Grants is intended to enhance student learning by offering faculty members one-time funding to develop innovative ways to incorporate Canada Games content and community projects into Brock courses. The initiatives will help faculty members investigate new ways to enhance courses and re-align them with community-minded aspects of the Games, and have a longer-term legacy, as any new pedagogies that are developed would be available for future community events. Funded by the University's Provost and Vice President-Academic, the program sets aside \$50,000, from which faculty members can apply for up to \$3,000. [brocku.ca/brock-news/2019/11/grants-aligned-with-canada-games-to-inspire-course-redesign-for-brock-students/](https://brocku.ca/brock-news/2019/11/grants-aligned-with-canada-games-to-inspire-course-redesign-for-brock-students/)





**Brock honour society wins top award in Houston:** For the third consecutive year, a group of Brock students received a prestigious award from the world's largest international honour society. From a pool of more than 350 schools, the Brock chapter of Golden Key International was one of just 27 winners of the Key Chapter Award – the highest honour a chapter can receive. Founded in 1977, Golden Key welcomes the top 15 per cent of students from the Faculties of its member institutions and encourages students to focus on academic leadership and service to help them achieve their personal, professional and altruistic goals. Along with organizing socials and fundraisers, the chapter brings together like-minded students and provides scholarships, online development programs, mentoring programs, conferences and study abroad opportunities.  
[brocku.ca/brock-news/2019/08/brock-honour-society-wins-top-award-in-houston/](http://brocku.ca/brock-news/2019/08/brock-honour-society-wins-top-award-in-houston/)



**Brock launches drone certificate program:** From grape vine crop assessments to forest fire monitoring, drones have become important tools across a wide range of industries. This Fall, Brock's Environmental Sustainability Research Centre introduced a one-day course, Introduction to Drones, as a non-credit certificate program that introduces students and community members to the technology, through hands-on learning about the safe and legal use of drone technologies for real-world applications. Drone use in environmental sustainability has surged, with uses ranging from performing air quality assessments to allowing researchers to map, monitor and evaluate inhospitable or inaccessible sites without disturbing fragile ecosystems.  
[brocku.ca/brock-news/2019/09/brock-launches-drone-certificate-program/](http://brocku.ca/brock-news/2019/09/brock-launches-drone-certificate-program/)



**Medical Sciences students help with COVID-19 screening:** Two Brock University students took their health training to the frontlines of the fight against the COVID-19 pandemic. Medical Sciences students Kate Scully and Sarah Trudel completed the final semester of their undergraduate studies while also offering much-needed support and expertise in their home communities. Scully has become the administrative co-ordinator for the COVID-19 Assessment Centre in Midland, Ont., where she said her studies and Brock's two-year Interprofessional Education for Quality Improvement Program (I-EQUIP) – where students work on projects with local health-related organizations – prepared her to assist local health-care professionals by screening potential patients on the phone. "I believe as a future physician and employee of the health-care system that it is my duty to support our frontline staff who are helping patients every day, especially in times like these when everyone else needs to stay home," said Scully. As an aspiring nurse practitioner, Trudel felt a similar pull to provide necessary assistance and put her studies and I-EQUIP training to work as a screening clerk at a long-term care home in Beaverton, Ont., where she said the need to maintain resident safety in a facility that had no cases of COVID-19 was paramount.  
[brocku.ca/brock-news/2020/03/medical-sciences-students-help-with-covid-19-screening/](http://brocku.ca/brock-news/2020/03/medical-sciences-students-help-with-covid-19-screening/)



Code Blue Simulation

**Nursing students experience Code Blue Simulation:** Fourth-year Nursing students Katelyn Hilborn and Abby MacNaught, above, work as part of a simulated Code Blue resuscitation workshop that took place Dec. 5, 2019. Mel Chapman, age 67, has a history of cardiovascular disease and has been admitted to hospital due to unstable angina. Chapman's daughter is sitting beside his bed reading while his heart is being monitored. The nurse comes in realizing the patient has no pulse, she calls a Code Blue and springs into action. This is the scenario 40 Brock Nursing students faced as part of a simulation which took place in the Nursing lab with high-fidelity simulation mannequins, provided by Brock University and the Loyalist College Code Blue Simulation team.  
[brocku.ca/brock-news/2019/12/nursing-students-experience-code-blue-simulation/](http://brocku.ca/brock-news/2019/12/nursing-students-experience-code-blue-simulation/)



Silicon Valley

**GAME students getting inside look at future of virtual reality:** In September, a team of fourth-year students from Brock's popular GAME program travelled to Silicon Valley to participate in the virtual reality tech conference, Oculus Connect 6. The six Brock students; Kyle Jones, Robbie Jolley, Mervin Hocson, Gábor CSeh, Adam Henderson and Mehran Mansour Feizi, above, were invited and had their travel heavily subsidized by Facebook-owned Oculus, widely acknowledged as the leading brand behind the technology. They were selected to attend the conference because the game they designed in third year, known as Magehem, used gestural VR technology in a way that caught the attention of the California company.  
[brocku.ca/brock-news/2019/09/game-students-getting-inside-look-at-future-of-virtual-reality/](http://brocku.ca/brock-news/2019/09/game-students-getting-inside-look-at-future-of-virtual-reality/)

Brock Education students get taste of global education in Guatemala

A group of 19 graduate and undergraduate Brock students, along with two faculty members and one staff member, travelled to Guatemala in October 2019. The group brought back life-changing lessons from their trip, which was part of a Faculty of Education course on global education. In Guatemala, students learned how indigenous Mayan communities are working to preserve their cultures and languages in two regions of the country. Before leaving, they prepared with classes and resources on culture, history and current issues in these regions.  
[brocku.ca/brock-news/2019/11/brock-education-students-get-taste-of-global-education-in-guatemala/](http://brocku.ca/brock-news/2019/11/brock-education-students-get-taste-of-global-education-in-guatemala/)



The Brock University team spends some time at Volcán San Pedro.



Saving children

**Brock students play role in developing life-saving hospital technology:** Health Sciences students Rachelle Roy and Lidia Mateus played an important role in creating a new technology-based system that allows doctors at different hospital sites to work together to save lives. The tele-resuscitation system now being used by Niagara Health – the first of its kind in Ontario – uses high-definition cameras set up in the resuscitation room at each hospital site. When requested, doctors from Hamilton Health Sciences' McMaster Children's Hospital (MCH) are able to log into the system and get a bird's-eye view of the patient and room. This allows the MCH team to remotely coach the Niagara Health team as quickly as possible. Roy and Mateus conducted research and assisted in its creation.  
[brocku.ca/brock-news/2019/05/working-together-from-kilometres-away-to-save-kids-lives/](http://brocku.ca/brock-news/2019/05/working-together-from-kilometres-away-to-save-kids-lives/)



Residence 8

**New residence signals new era for Brock University:** An important construction project on the main St. Catharines campus officially kicked off on Oct. 28, 2019. The University broke ground on Residence 8, a \$40-million, six-storey, 300-room student residence expected to be completed by the summer of 2021. The project is self-funded and will contribute to the University's operating budget when it opens. Residence 8 is the first Brock-owned housing complex to be built on campus since Lowenberger opened in 2003. University President Gervan Fearon said Brock's reputation for academic excellence and student experience has led to record enrolment and more students wanting to enrich their university experience by living on campus.  
[brocku.ca/brock-news/2019/10/new-residence-signals-new-era-for-brock-university/](http://brocku.ca/brock-news/2019/10/new-residence-signals-new-era-for-brock-university/)



Leaving her mark

**Colourful new mural reflects Brock's international connections:** Before graduating from Brock, Chardon Trimble-Kirk hoped to leave a vibrant mark on campus. And after committing more than 240 hours of work to a project at Brock's International Centre in the summer of 2019, the fourth-year Visual Arts student has done just that. Trimble-Kirk was drawn to a request for proposals that sought someone to create a mural in a commonly used community space within the centre. Her vision featured chrysanthemums flowers, which are "symbolic of friendship and well-wishing," she said. "Connecting them to a variety of countries intends to showcase the friendship that can be found in individuals regardless of their country of origin."  
[brocku.ca/brock-news/2019/08/colourful-new-mural-reflects-brocks-international-connections/](http://brocku.ca/brock-news/2019/08/colourful-new-mural-reflects-brocks-international-connections/)



# New programs

## New programs starting in 2020:

### 1. Bachelor of Arts in Forensic Psychology, Aggression and Criminal Justice

The BA in Forensic Psychology, Aggression and Criminal Justice (FPAC) approaches the study of criminal behaviour and criminal justice from multiple theoretical lenses. This transdisciplinary program will include factors relating to the individual (psychological factors), social and cultural factors, and factors relating to the criminal justice system and other relevant institutions, and will provide learners with academic and applied experiences that will give them skills relevant to their chosen careers. Courses will come from Brock's Psychology, Child and Youth Studies, and Political Science departments. The program seeks to combine these approaches to the study of criminal and aggressive behaviour. Rather than assuming that a behaviour, or a system's response to behaviour stems from any one factor or perspective, FPAC is premised on the idea that factors across disciplines are required in order to provide more nuanced, critical, and complex understandings of behaviour and responses. (Note: Pending MCU approval)

### 2. Concurrent Bachelor/Master of Nursing

The concurrent Bachelor of Nursing (BN) and Master of Nursing (MN) at Brock University enables four-year baccalaureate graduates from other disciplines to receive both a Bachelor's and Master's degree within 20 months with five, year-round, continuous terms. This program recognizes roles of Registered Nurses as rapidly evolving and a need

for graduates who will have the ability to engage in frontline entry to practice with well-integrated relational, research, leadership, and practice skills and knowledge. The program is unique in terms of Canadian baccalaureate and accelerated nursing degree education because students will be prepared both to meet the entry level nursing competencies, as defined in Ontario by the College of Nurses of Ontario, and to write the National Council Licensure Examination for Registered Nurses (NCLEX-RN) as well as with research and leadership skills and knowledge associated with graduate-level education. It is also unique because the program offers students with prior bachelor's degree preparation and appropriate pre-admission courses an opportunity to build capacity in experiential development of research, practice and theoretical learning that will have benefits to patients, families and the community at large. (Note: Pending MCU approval)

### 3. Master of Arts in Game Studies

The primary goal of the MA in Game Studies is to offer a venue for high-quality, focused graduate-level scholarship in game studies and game design. To achieve this goal, we have developed a focused but flexible curriculum that attracts students interested in careers both within and outside of academia. The MA in Game Studies is the first program of its kind, not only in Ontario but also in Canada. The program is therefore likely to attract high-quality students from a wide range of disciplines as well as mid-career professionals seeking additional credentials, including midpoint graduate diplomas for those unable to complete all requirements. The program builds on the momentum from the recently launched undergraduate GAME program, a partnership between Brock's Centre for Digital Humanities (CDH), the Department of Computer Science (COSC), and Niagara College. (Note: Pending MCU approval)

### 4. PhD in Sustainability Science

The PhD in Sustainability Science at Brock University aims to cultivate a sustainable and equitable future by offering a state-of-the-art education in an established transdisciplinary research centre that integrates rigorous science with an understanding of the unique linkages between humans and the environment. The program seeks to develop world-class sustainability scientists who take a transdisciplinary approach to identifying critical social-environmental challenges and undertaking leading-edge research. In the spirit of sustainability science, graduates will work toward formulating and implementing innovative solutions that support decision-making, policy development, and best practices both locally and globally. (Note: Pending MCU approval)

# RESEARCH



## STRATEGIC PRIORITY: Build research capacity across the university

Our research focus is central to our identity. Brock will invest in building a world-leading research institution, grounded in scholarly excellence and strong graduate and postgraduate programs. We will leverage our strengths within and across disciplines to enhance research impact.

## GOALS:

- Nurture a culture of research and creative excellence.
- Invest in research infrastructure and support to ensure sustainable and accessible research services for the Brock scholarly community.
- Enhance transdisciplinary research and high-impact research practices.
- Build awareness of Brock University as a centre of research excellence.



## Baseball injury

**Grad student throws change up for baseball injury research:** A team of Brock researchers published a systematic review outlining the consequences of fatigue in baseball pitchers and developed a tool to evaluate pitching mechanics. Richard Birfer (MSc '19) led the research with his co-supervisors, Associate Professor Michael Holmes and Adjunct Professor Mike Sonne in the Department of Kinesiology. The team published their findings in PeerJ, detailing fatigue in baseball pitchers as a process linked to lowered physical and mental performance, injury and changes in kinematics. Since July, the publication has been viewed nearly 1,500 times and has attracted potential partnerships from several Major League Baseball (MLB) teams and baseball development facilities.  
[brocku.ca/brock-news/2019/10/grad-student-throws-change-up-for-baseball-injury-research/](https://brocku.ca/brock-news/2019/10/grad-student-throws-change-up-for-baseball-injury-research/)



## Cutting-edge

**Cutting-edge research equipment purchased thanks to Brock community effort:** The Brock community showed what can be accomplished by coming together for a cause, pooling funds from several Faculties to purchase a new high-end piece of research equipment. In total, 23 faculty members and three deans, along with the Office of the Vice-President, Research, contributed toward buying a Typhoon 5 Biomolecular Imager that has now found a home on campus. The state-of-the-art General Electric imaging system, used to conduct targeted as well as large-scale discovery protein, lipid and small molecule analyses, is valued at about \$180,000.  
[brocku.ca/brock-news/2019/07/cutting-edge-research-equipment-purchased-thanks-to-brock-community-effort/](https://brocku.ca/brock-news/2019/07/cutting-edge-research-equipment-purchased-thanks-to-brock-community-effort/)



## Dating

**Research on dating psychopaths throws student into spotlight:** Research conducted by Kristopher Brazil, a PhD student in Brock University's Department of Child and Youth Studies and fellow researcher Adelle Forth of Carleton University, recently garnered media attention with Brazil's first peer reviewed publication. The study explored how women rate the attractiveness of men in dating encounters who vary on psychopathic traits. The research was so topical and intriguing that news of the study – which appeared in the journal *Evolutionary Psychological Science* in Sept. 2019 – spread like wildfire. It was featured on *Psychology Today* and in newspapers like the *New York Post* and Britain's *The Daily Mail*, as well as on websites like *Reddit*.  
[brocku.ca/brock-news/2019/11/research-on-dating-psychopaths-throws-student-into-spotlight/](https://brocku.ca/brock-news/2019/11/research-on-dating-psychopaths-throws-student-into-spotlight/)



## Brock students find alarming amounts of plastic in sand at St. Catharines beach

A day at the beach doesn't often involve lab work, but for a group of Brock University fourth-year Geography students tasked with assessing plastic waste on the shores of Lake Ontario last fall, it was just that. Students from Professor of Geography and Tourism Studies Michael Pisaric's GEOG 4P26 class visited Sunset Beach in north St. Catharines to measure the quantity of plastics turning up in the sand. In one sample alone, one square metre of the beach yielded 665 individual pieces of plastic material.

[brocku.ca/brock-news/2020/01/brock-students-find-alarming-amounts-of-plastic-in-sand-at-st-catharines-beach/](https://brocku.ca/brock-news/2020/01/brock-students-find-alarming-amounts-of-plastic-in-sand-at-st-catharines-beach/)



## Brock-led team studying bone and muscle loss in samples from NASA

The agency that put a man on the moon is helping a Brock University-led research team explore secrets of human health – including how to slow the kind of tissue loss that happens to astronauts during space flight. The team, headed by Assistant Professor of Kinesiology Val Fajardo, was selected for a NASA research program whose work includes studying tissue samples from mice that have spent some time on the International Space Station. The research that was started January 2020 and will continue once COVID-19 restrictions are lifted, got some major attention when it was picked up by the *Globe and Mail*. The scientists are hoping to unlock strategies for slowing bone and muscle loss in aging humans.

[brocku.ca/brock-news/2020/04/brock-led-team-studying-bone-and-muscle-loss-in-samples-from-nasa/](https://brocku.ca/brock-news/2020/04/brock-led-team-studying-bone-and-muscle-loss-in-samples-from-nasa/)



Front row from left: Master's students Kennedy Whitley and Jessica Braun, Assistant Professor Val Fajardo, and master's student Mia Geromella. Back row from left: PhD student Holt Messner and master's students Ryan Baranowski and Sophie Hamstra.



Associate Professor of Kinesiology Craig Tokuno, right, and second-year Master of Applied Health Sciences student Alyssa Bax demonstrate Tokuno's research on how the brain, spinal cord and muscles work to maintain balance under various conditions.



### Brock tops national list for health sciences publications:

A national company that tracks Canada's research and development performance has given Brock University high marks for the amount its researchers and scholars publish. Brock ranked first out of 17 universities across Canada in its category for the number of health sciences publications – 544 – produced from 2013 to 2017, according to Research Infosource's latest report, released Nov. 7. For social sciences and humanities publications, Brock scored second out of 11 universities in its category with 829 publications, while for natural sciences and engineering publications, Brock had the fourth highest number of publications – 743 – out of 20 universities, said the Canada's Top 50 Research Universities 2019 report.

[brocku.ca/brock-news/2019/11/brock-tops-national-list-for-health-sciences-publications/](https://brocku.ca/brock-news/2019/11/brock-tops-national-list-for-health-sciences-publications/)



### New research centre fosters interdisciplinary approach to arts and culture:

A new research centre has been established at Brock University to facilitate co-operative projects in the creative arts. The Research Centre in Interdisciplinary Arts and Creative Culture (RCIACC) establishes a network of researchers and creators across Faculties at Brock and beyond the University. The research centre is part of the Centre for Studies in Arts and Culture (STAC). "STAC has an established reputation as an interdisciplinary academic centre and it was therefore logical to home an interdisciplinary research centre in the unit," said Associate Professor Catherine Parayre, who led the initiative with Associate Professor Derek Knight and is the Centre's new director. The Centre will engage with a broad range of creative expression, including visual arts, dramatic arts, music, creative writing and translation, book and graphic design, cultural heritage, and photography. The Centre includes faculty from Arts and Culture, Visual Arts, Dramatic Arts, Music, Curatorial Studies, French Studies, English Literature, Digital Humanities, and Education.

[brocku.ca/brock-news/2020/03/new-research-centre-fosters-interdisciplinary-approach-to-arts-and-culture/](https://brocku.ca/brock-news/2020/03/new-research-centre-fosters-interdisciplinary-approach-to-arts-and-culture/)



## Indigenous research

### Brock prof awarded new federal funding for Indigenous research:

Rocks, trees, grasses, streams and animals are only a small sample of natural elements that speak to us in so many different ways – if we listen. Indigenous nations have long translated this language of the land into music and stories passed down through the generations. But the activities and attitudes of colonial populations have damaged not only the natural environment but also Indigenous ways of relating to the land, said Brock University Associate Professor of Educational Studies Spy Dénommé-Welch. To revitalize Indigenous understandings of memory, land and space, he and his team have created the research project "Sonic Coordinates: Decolonizing through land-based music composition." Dénommé-Welch is one of 157 early career researchers to receive funding under the federal government's inaugural New Frontiers in Research Fund (NFRF), an initiative "that supports high-risk, high-reward, interdisciplinary and international research to help Canadian researchers make the next great discoveries in their fields." In his case, Dénommé-Welch and his colleagues are drawing upon the areas of Indigenous studies, education, music, holistic health and the arts.

[brocku.ca/brock-news/2019/05/brock-prof-awarded-new-federal-funding-for-indigenous-research/](https://brocku.ca/brock-news/2019/05/brock-prof-awarded-new-federal-funding-for-indigenous-research/)

## Brock University awarded \$2.2 million in NSERC funding

If older adults are afraid of falling when standing on an unstable platform or walking on an icy sidewalk, will that fear and anxiety cause them to lose their balance and fall? Brock Associate Professor of Kinesiology Craig Tokuno is aiming to answer this and other questions through his research on how the brain, spinal cord and muscles work to maintain balance under various conditions. His work will be aided by funding from the Natural Sciences and Engineering Research Council of Canada (NSERC). He is one of 14 faculty researchers, as well as six students, from Brock receiving a total of \$2.2 million in this year's NSERC funding round, which was announced May 21, 2020.

[brocku.ca/brock-news/2019/05/brock-university-awarded-2-2-million-in-nserc-funding/](https://brocku.ca/brock-news/2019/05/brock-university-awarded-2-2-million-in-nserc-funding/)

## Master of Sustainability student maps Niagara's invasive species

During her Master of Sustainability program at Brock University, Lyn Brown (MS '19) learned all about the dangers of invasive species. As part of her thesis, Brown created the Niagara Region Aquatic and Riparian Invasive Species Control Database, which lists activities by organizations and groups in Niagara that manage invasive plant and aquatic species. The initiative includes an interactive GIS map to show the locations of control efforts, and the database itself can be searched by invasive species, control type, control effectiveness or organization.

[brocku.ca/brock-news/2019/10/master-of-sustainability-student-maps-niagaras-invasive-species/](https://brocku.ca/brock-news/2019/10/master-of-sustainability-student-maps-niagaras-invasive-species/)



During her Master of Sustainability program at Brock University, Lyn Brown (MS '19) created the Niagara Region Aquatic and Riparian Invasive Species Control Database.





### Brock faculty recognized in world's most impactful

**researchers list:** A research team led by Stanford University health researcher John P. A. Ioannidis created a database published in PLOS Biology that provides standardized information for the most-cited authors around the world. Fourteen Brock researchers were included on the table, which tracks citations of the Top 100,000 authors from 1996 to 2017, and "provides a measure of long-term performance, and for most living, active scientists, this also reflects their career-long impact," said the paper. "Brock's representation in the 100,000 most-cited authors database speaks volumes about our research intensiveness and impact," said Brock Vice-President, Research Tim Kenyon. "This is a list that takes the complications of citation far more seriously than most such exercises. We are very proud of our researchers' hard work and dedication to increase knowledge and innovation in their fields of study."

[brocku.ca/brock-news/2019/11/brock-faculty-recognized-in-worlds-most-impactful-researchers-list/](http://brocku.ca/brock-news/2019/11/brock-faculty-recognized-in-worlds-most-impactful-researchers-list/)



### Men gain twice as much weight as women during freshman

**year, study finds:** Brock research on first-year university student weight gain was featured on CNN, CBC, The Telegraph, Physician's Weekly and numerous other media outlets. The study, which was led by Master of Kinesiology alumna Kayleigh Beaudry (BSc '14, MSc '17) and featured lead author adjunct Kinesiology Professor Andrea Josse, looked into the so-called "Freshman 15" and determined that both male and female students make poor dietary choices in their first year at university and that male students tend to gain twice as much weight. [brocku.ca/brock-news/2019/07/brock-media-clips-for-friday-july-5/](http://brocku.ca/brock-news/2019/07/brock-media-clips-for-friday-july-5/)



**Brock researchers awarded nearly \$2 million in SSHRC funding:** Fourteen Brock researchers were awarded \$1.3 million in the summer of 2019 in Insight and Insight Development Grants from the Social Sciences and Humanities Research Council of Canada (SSHRC). As well, 18 Brock students were awarded \$670,000 in SSHRC student grants. Vice-President, Research Tim Kenyon said the government investment is vital for research that makes a difference in society: "With this funding from SSHRC, our researchers are conducting leading-edge studies that will give insights into language learning, regional economic re-invention, the prevention of animal cruelty and barriers to climate change mitigation, among other issues in today's rapidly-changing world." SSHRC's Insight Grants program provides funding for three to five years for research that accomplishes a number of goals, including building knowledge and understanding, supporting new approaches to research, and providing training experiences for students. The Insight Development Grants program support research in its initial stages, enabling the development of new research questions and experimentation with new methods, theoretical approaches and/or ideas. For a full list of all grant recipients, visit the following website. [brocku.ca/brock-news/2019/07/brock-researchers-awarded-2-1-million-in-sshrc-funding/](http://brocku.ca/brock-news/2019/07/brock-researchers-awarded-2-1-million-in-sshrc-funding/)



### Virtual 3MT winner

**3MT challenge virtually crowns winner amid COVID-19 pandemic:** Not even a global pandemic could distract Margaret Hughes from sharing her research story in this year's Three Minute Thesis (3MT) Challenge. Hughes was declared the winner of the annual Brock University competition on April 13, 2020. The 3MT Challenge originated in Queensland, Australia in 2008 as a way for students to explain their research to a broad audience in plain, accessible terms. Hughes is studying ways to make food production more sustainable. Her research looks at using perimeter plantings around farm fields to increase populations of beneficial invertebrates, such as spiders, which helps to reduce the number of pest species in a crop and results in less need for pesticides. [brocku.ca/brock-news/2020/04/3mt-challenge-virtually-crowns-winner-amid-covid-19-pandemic/](http://brocku.ca/brock-news/2020/04/3mt-challenge-virtually-crowns-winner-amid-covid-19-pandemic/)



### Children's thinking

**Brock researchers develop new tool for studying children's future thinking:** The creation of a new questionnaire, developed by Associate Professor Caitlin Mahy and PhD student Tessa Mazachowsky, in the Department of Psychology is detailed in "Constructing the Children's Future Thinking Questionnaire: A Reliable and Valid Measure of Children's Future-Oriented Cognition," currently in advance online publication at Developmental Psychology. The questionnaire covers five domains, or categories of behaviour, that reflect a child's ability to consider the future when making decisions. They include planning, saving, delaying gratification, prospective memory (the ability to remember to do something in the future), and episodic foresight (the ability to project oneself into future instances). [brocku.ca/brock-news/2020/02/brock-researchers-develop-new-tool-for-studying-childrens-future-thinking/](http://brocku.ca/brock-news/2020/02/brock-researchers-develop-new-tool-for-studying-childrens-future-thinking/)

### CCOVI tackling climate change challenges with research vineyards

Brock's Cool Climate Oenology and Viticulture Institute (CCOVI) has partnered with two commercial grape growers to plant the Niagara vineyards that are being used for a clone and rootstock evaluation program of the main VQA grapevine varieties in Ontario. "We are looking at the best plant material for Ontario's industry, not only now, but moving forward with climate change uncertainties," said Jim Willwerth, CCOVI Senior Scientist. "Cold hardiness, fruit composition, wine quality and general vine performance will be examined, so that the industry knows the best combinations to use for our core grape varieties." [brocku.ca/brock-news/2019/08/ccovi-tackling-climate-change-challenges-with-research-vineyards/](http://brocku.ca/brock-news/2019/08/ccovi-tackling-climate-change-challenges-with-research-vineyards/)

Thousands of grapevines have been planted in two CCOVI research vineyards in St. Catharines and Niagara-on-the-Lake for a clone and rootstock evaluation program.



Brock University research assistant Tony Wang performs a grapevine virus test in a Brock CCOVI lab.

### Brock's CCOVI partners with industry to produce certified clean grapevines

Brock University's Cool Climate Oenology and Viticulture Institute (CCOVI) has partnered with the grape and wine industry to produce certified, virus-free grapevines. The Government of Canada recently committed \$2.3 million in funding over the next three years to support the Canadian Grapevine Certification Network (CGCN) as it develops certified vines for grape growers. As part of the project, CCOVI will be the national testing provider. Brock, other universities, AAFC scientists, grape growers, industry partners in Ontario, B.C., Quebec and Nova Scotia and the CGCN are collaborating on this project. [brocku.ca/brock-news/2019/06/brocks-ccovi-partners-with-industry-to-produce-certified-clean-grapevines/](http://brocku.ca/brock-news/2019/06/brocks-ccovi-partners-with-industry-to-produce-certified-clean-grapevines/)



### Brock project aims to improve long-term care for veterans and brain injury patients:

Two Brock University faculty members from seemingly unrelated disciplines, Associate Professor of Recreation and Leisure Studies Colleen Whyte, and Professor of Dramatic Arts Joe Norris, have collaborated on a project aimed at helping staff and family deal with the challenges associated with two specific groups in long-term care: veterans living with dementia and patients recovering from traumatic brain injuries. The result is a 20-part video series, each dealing with a different component of the long-term care experience, ranging from something as simple as the challenge of what to pack when a family member is moved into a new living situation to what to do when a patient says something that crosses a line. [brocku.ca/brock-news/2019/10/brock-project-aims-to-improve-long-term-care-for-veterans-and-brain-injurypatients/](http://brocku.ca/brock-news/2019/10/brock-project-aims-to-improve-long-term-care-for-veterans-and-brain-injurypatients/)



### Save the bees: Policy brief examines ways to help Niagara's bee population:

In the world of bee conservation, messy is beautiful. A slightly overgrown lawn, a garden with flowers native to the area, patches of soil, and scatterings of twigs and leaves are pure paradise for these tiny creatures. "The recipe for bees is surprisingly straightforward – provide flowers and nesting habitat, avoid pesticide use and like magic, bees appear and thrive," Brock University Professor of Biology Miriam Richards said in her policy brief "Promoting Pollinators: Niagara Bees and How to Help Them." The brief came out of Brock's Niagara Community Observatory (NCO), and was presented in front of a packed house at the University on May 7, 2019. [brocku.ca/brock-news/2019/05/save-the-bees-policy-brief-examines-ways-to-help-niagaras-bee-population/](http://brocku.ca/brock-news/2019/05/save-the-bees-policy-brief-examines-ways-to-help-niagaras-bee-population/)





**New Brock facility to support economic growth in Niagara:** A \$5-million investment by the federal government will allow Brock University to create a landmark facility aimed at making Niagara a research and innovation leader in bioagriculture, bioscience and chemical manufacturing sectors. The FedDev funding through the Community Economic Development and Diversification stream was announced Sept. 3, 2019 by Niagara Centre MP Vance Badawey and St. Catharines MP Chris Bittle. The funding means Brock can now launch the Brock-Niagara Validating, Prototyping and Manufacturing facility (VPM), which will enable area businesses to access the University's researchers, expertise and advanced technology. The new centre will be housed in a \$6.1-million expanded facility, which is expected to open in 2021. [brocku.ca/brock-news/2019/09/new-brock-institute-to-support-economic-growth-in-niagara/](https://brocku.ca/brock-news/2019/09/new-brock-institute-to-support-economic-growth-in-niagara/)



**Brock professor's book examines notions of innocence and children's art:** According to Hannah Dyer, Assistant Professor in the Department of Child and Youth Studies, a child's picture really can be worth a thousand words. In her new book, Dyer explores the ways in which children's artistic expressions can make space for them – and for the adults who care for them – to grapple with issues like racism, homophobia and settler colonialism that touch and shape their lives. The *Queer Aesthetics of Childhood: Asymmetries of Innocence and the Cultural Politics of Child Development* was recently published by Rutgers University Press. "Here, queerness describes that which is not recognized as innocent," said Dyer, noting that although "the figure of the child is often summoned to represent hope and the future, not all children are equally hailed by notions of childhood innocence." [brocku.ca/brock-news/2020/01/new-book-examines-notions-of-innocence-and-childrens-art/](https://brocku.ca/brock-news/2020/01/new-book-examines-notions-of-innocence-and-childrens-art/)

## COMMUNITY ENGAGEMENT



**STRATEGIC PRIORITY:**  
**Enhance the life and vitality of our local region and beyond**

Brock is committed to working with the communities in Niagara, Ontario, Canada and the world. Through local and global connections, we increase opportunities for the residents of Niagara. By responding to the needs of society and supporting its growth and development, we strengthen community vitality and vibrancy.

### GOALS:

- Increase and enhance enriching opportunities for our students, alumni, faculty and staff to engage with the community.
- Support regional economic, social and cultural vitality.
- Enhance engagement with Indigenous communities in the spirit of reconciliation.
- Cultivate outstanding relationships with our alumni, starting with their earliest interactions with the University.



Adjunct Professor of Biological Sciences Sudarsana Poojari and Professor of Biochemistry Debbie Inglis work with some of the new equipment being used as part of Brock University's new Cannabis Research and Development license from Health Canada.

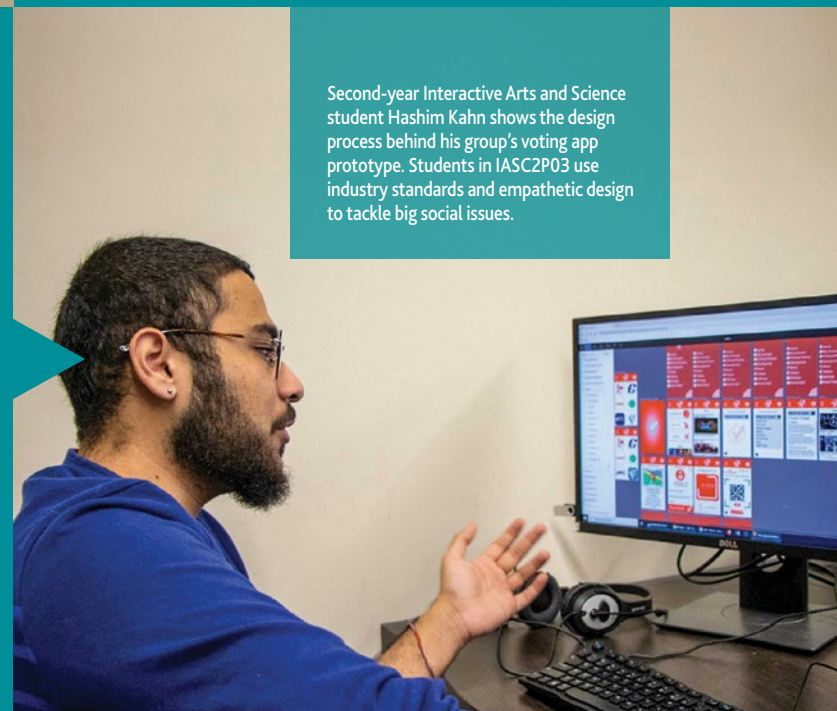
### Health Canada gives Brock green light for cannabis research

Brock is one of the first universities in the country to receive a cannabis-related research and development license from Health Canada under a new application process since cannabis was legalized last year. The University was recently awarded permission to get started on two specific cannabis-related projects that will involve collaborations with local industry partners. "This research license will expand Brock's remarkable track record of partnerships that enable the agri-food and biomanufacturing sectors to work with leading researchers and access a talent pipeline of highly trained graduates," said Vice-President, Research Tim Kenyon. [brocku.ca/brock-news/2019/12/health-canada-gives-brock-green-light-for-cannabis-research/](https://brocku.ca/brock-news/2019/12/health-canada-gives-brock-green-light-for-cannabis-research/)

### Interactive Arts and Science students use tech to spill the tea

Students in the Interactive Arts and Science class on User Interface Design spent last semester using empathy-driven design processes to tackle current issues, including microplastics in the environment, voter apathy, and health and wellness. For students Katrina Lenselink, Tess Smith-Laskowski and Ashlyn Kells, the problem they took on was microplastics in tea. The students' app design, *What's the Tea, Sis?*, encourages users to think about the environmental impact of where their tea comes from and how it's consumed, as well as allowing consumers to make informed decisions about tea brands. [brocku.ca/brock-news/2020/01/interactive-arts-and-science-students-use-tech-to-spill-the-tea/](https://brocku.ca/brock-news/2020/01/interactive-arts-and-science-students-use-tech-to-spill-the-tea/)

Second-year Interactive Arts and Science student Hashim Kahn shows the design process behind his group's voting app prototype. Students in IASC2P03 use industry standards and empathetic design to tackle big social issues.



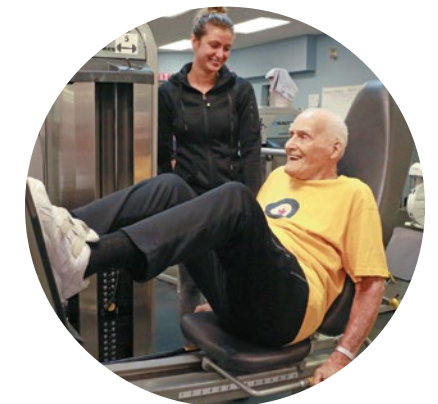
### Canada Games

**Brock provides University lands for Canada Games infrastructure:** Brock University is contributing a parcel of land at its main campus so it can be the site of a community and athletics complex that will be the central site when the 2021 Canada Summer Games are hosted in Niagara. On May 9, 2019 Brock's Board of Trustees voted to provide the land, currently part of a parking area. Brock President Gervan Fearon said the investment being made by the University will benefit generations of not just students, but the entire Niagara community. In addition to Brock's contribution to the Games through the in-kind and financial donations, it will also be involved from the academic and student engagement perspective. [brocku.ca/brock-news/2019/05/brock-provides-university-lands-for-canada-games-infrastructure/](https://brocku.ca/brock-news/2019/05/brock-provides-university-lands-for-canada-games-infrastructure/)



### Teen financial skills

**High school students learn financial skills at free Brock event:** Brock is teaching teens how to balance their books before they reach university. On May 23, 2019 Brock welcomed Grade 10 students from Sir Winston Churchill Secondary School in St. Catharines for its second Financial Literacy Day. The free event featured speakers from the Credit Counselling Society and the University's Student Awards and Financial Aid office. Through a series of presentations and interactive games, students learned saving tips and tricks; how to manage money and build credit; as well as the costs and funding options for post-secondary education. Brock Student Financial Services Officer Audrianna Kervoelen said that financial barriers are among the top reasons why students don't graduate university. [brocku.ca/brock-news/2019/05/high-school-students-learn-financial-skills-at-free-brock-event/](https://brocku.ca/brock-news/2019/05/high-school-students-learn-financial-skills-at-free-brock-event/)



### Fitness at 99

**Brock celebrates as oldest fitness participant turns 99:** Brock-Niagara Centre for Health and Well-Being co-ordinator Katherine Crockett looked on as 99-year-old Chuck Page did a series of leg presses at the Lockhart Drive facility. After routinely hitting the gym three times a week, Chuck Page has earned the right to have his cake and eat it too. And that's just what the Centre's oldest participant was treated to when he celebrated his birthday on Aug. 9, 2019. He's never been one to miss a beat, said Crockett. Even when a hairline shoulder fracture kept him temporarily out of the gym earlier this year, he was determined to get back on the machines. [brocku.ca/brock-news/2019/08/brock-celebrates-as-oldest-fitness-participant-turns-99/](https://brocku.ca/brock-news/2019/08/brock-celebrates-as-oldest-fitness-participant-turns-99/)





**Brock partners with Niagara chambers for landmark skills survey:** Brock University is partnering with the Greater Niagara Chamber of Commerce (GNCC) and South Niagara Chambers of Commerce (SNCC) on a survey to better understand how the talent and skills capacity of the region lines up with the needs of employers. The goal is to identify the types of programs and supports needed to serve employers, as well as employees looking to upgrade their skills and advance their careers in Niagara. Brock President Gervan Fearon said, "With the data collected from this survey, together we can help build a more prosperous future and support careers and businesses here in Niagara for generations to come." [brocku.ca/brock-news/2019/05/brock-partners-with-niagara-chambers-for-landmark-skills-survey/](http://brocku.ca/brock-news/2019/05/brock-partners-with-niagara-chambers-for-landmark-skills-survey/)



**Brock researchers partner with community groups to dispel myths about homelessness in Niagara:** Through a partnership with local community organizations, Brock University is working to shed light on the complexities of homelessness for women in Niagara. In an effort to help break the ongoing cycle of mental illness, addiction and homelessness experienced by many women in the region, a pilot project was launched between Brock, YWCA Niagara Region, the Canadian Mental Health Association and Community Addictions Services of Niagara. Mental health and addictions services were brought in-house at the YWCA, providing women in need with the necessary services in a single location to access resources and help to eliminate stigma. [brocku.ca/brock-news/2019/07/brock-researchers-partner-with-community-groups-to-dispel-myths-about-homelessness-in-niagara/](http://brocku.ca/brock-news/2019/07/brock-researchers-partner-with-community-groups-to-dispel-myths-about-homelessness-in-niagara/)

## SUPPORTING THE NIAGARA REGION



### COVID/donations

**Brock University donates truck full of PPE to Niagara hospitals:** Brock Campus Store staff member Amber Alexander checked one of the lab coats that was sent to Niagara healthcare workers dealing with the COVID-19 pandemic. Research labs across Brock University emptied their supply rooms to help the people who are leading Niagara's fight against COVID-19. Thousands of gloves, hundreds of lab coats and goggles, cartons of face masks were loaded into a truck on March 31, 2020 and sent to Niagara Health, who distributed them to frontline health workers at the region's hospitals. It was the result of a campus-wide response to the request for much-needed personal protective equipment (PPE) for Niagara's health-care providers. [brocku.ca/brock-news/2020/03/brock-university-donates-truck-full-of-ppe-to-niagara-hospitals/](http://brocku.ca/brock-news/2020/03/brock-university-donates-truck-full-of-ppe-to-niagara-hospitals/)

### Holiday magic

**Brock students bring holiday magic to local school:** In photo, students Hailey Plant, Taylor Bogart, Kaley Hughes, Caitlin Boden, Kirsten Schultz and Josh Lupo pose during the Holiday Extravaganza. Prince of Wales Public School in Thorold was filled with holiday cheer thanks to some help from Brock students and the Concurrent Education Student Association (CESA). The annual Holiday Extravaganza, organized by CESA, has become a festive tradition. The event paired 175 kindergarten to Grade 8 students from the school with a volunteer Brock Buddy for a day of crafts, games and relaxation. The fun-filled day was packed with stations that ranged from slime and ornament making to science, technology, engineering and math (STEM) activities. [brocku.ca/brock-news/2019/12/brock-students-bring-holiday-magic-to-local-school/](http://brocku.ca/brock-news/2019/12/brock-students-bring-holiday-magic-to-local-school/)

### COVID/Makerspace

**Brock Makerspace producing face shields for local health-care workers:** Makerspace Co-ordinator Tabitha Lewis looks over a 3D printed face shield mount. Brock University's Makerspace is building face shields that will be given to front-line health-care workers in Niagara. Even before the province officially came asking for help, Lewis was on board. As co-ordinator of the Library's Makerspace, which is chock full of high-tech tools such as 3D printers, scanners and laser cutters, Lewis knew the resources she oversees could be put to good use in the fight against COVID-19. "The ethos in the Library's Makerspace has always been to find creative ways to solve interesting problems, and this is no different," said Johnathan Younger, Head of Library Systems and Technology. [brocku.ca/brock-news/2020/03/brock-makerspace-producing-face-shields-for-local-health-care-workers/](http://brocku.ca/brock-news/2020/03/brock-makerspace-producing-face-shields-for-local-health-care-workers/)

### Grad success

**Brock grad named chef de mission for Niagara 2021 Canada Summer Games:** Brock University graduate Steve Sevor leads the Team Ontario cheer at one of their pep rally's during the 2015 Canada Winter Games in Prince George, B.C. After participating in seven Canada Games, Steve Sevor (BPhEd '00, MEd '04) is looking forward to returning to Brock University. The Orleans, Ont. native was recently named the chef de mission for the Niagara 2021 Canada Summer Games. "My passion and fuel for sport was ignited at Brock and I am so excited to return to where it all started," said Sevor. Sevor is currently working as the manager for the City of Hamilton's Sport Services. [brocku.ca/brock-news/2020/02/brock-grad-named-chef-de-mission-for-niagara-2021-canada-summer-games/](http://brocku.ca/brock-news/2020/02/brock-grad-named-chef-de-mission-for-niagara-2021-canada-summer-games/)

### 25 years

**Children's Movement Program celebrates 25 years of impact:** When six-year-old Aidan Prentice swung from the ropes like a young Tarzan in pajamas, he likely wasn't thinking about the useful life skills he was learning. Overcome with a fierce determination to discover how long he could swing for on a single push, Prentice's smile grew with pride and self-confidence each time he challenged himself. Co-ordinated by the Departments of Kinesiology and Brock Recreation and Youth, the Children's Movement Program (CMP) has been inspiring hundreds of children like Prentice to learn through movement education from the moment they can walk. In March 2020, the program celebrated the end of its 25-year anniversary. [brocku.ca/brock-news/2020/03/childrens-movement-program-celebrates-25-years-of-impact/](http://brocku.ca/brock-news/2020/03/childrens-movement-program-celebrates-25-years-of-impact/)

### SmartStart Seed Fund

**Kick-Starting Entrepreneurship participant gets boost from SmartStart Seed Fund:** When Sharon Reeds got a card in the mail congratulating her on her success, the entrepreneur had only herself to thank. After all, Reeds wrote the postcard full of encouraging words while she was a participant in Goodman Group – Venture Development's Kick-Starting Entrepreneurship (KSE) program last fall to remind her future self she deserved all she has accomplished. The card arrived on the heels of news that upstart Intuitive Shipping, which CEO Reeds co-founded with her husband Joel, had secured an Ontario Centres of Excellence (OCE) SmartStart Seed Fund grant worth \$30,000. [brock-news/2019/07/kick-starting-entrepreneurship-participant-gets-boost-from-smartstart-seed-fund/](http://brock-news/2019/07/kick-starting-entrepreneurship-participant-gets-boost-from-smartstart-seed-fund/)

### How Brock is helping a local company produce COVID-19 test kits

Norgen Biotech, a microbiology firm founded by retired Brock Professor of Biological Sciences Yousef Haj-Ahmad, has long produced collection, purification and preservation devices for samples of all types, such as saliva, soil, urine and DNA. After an urgent request was made to the Brock Machine Shop for production of a new set of punches to develop COVID-19 testing kits, now, the Thorold-based business is manufacturing COVID-19 testing kits as quickly as possible. "Our production has been expanded so much that we don't have anything sitting on our shelves," said Haj-Ahmad. [brocku.ca/brock-news/2020/03/brock-aids-local-company-in-producing-covid-19-test-kits/](http://brocku.ca/brock-news/2020/03/brock-aids-local-company-in-producing-covid-19-test-kits/)



Pictured here are President and Chief Executive Officer of Norgen Biotech Yousef Haj-Ahmad (BSc '80, MSc '82), right, and his daughter, Executive Assistant Mary Haj-Ahmad (BA '19), left.





### Brock partners with seven Niagara municipalities to tackle climate change:

Whether it be flooding in Ontario or forest fires in Alberta, the impacts of climate change are on the minds of Canadians. In June, 2019, Brock University launched Niagara Adapts, a new partnership that aims to reduce the risks associated with climate change in the region. Local government is on the front line of both climate change impacts and responses. Municipalities engage with their residents showing leadership on the issue, and are well-positioned to design and implement local programs that make a big difference. Universities can also play a critical role in tackling climate change through the contribution of scientific expertise, research and innovation.  
[brocku.ca/brock-news/2019/06/brock-partners-with-seven-niagara-municipalities-to-tackle-climate-change/](http://brocku.ca/brock-news/2019/06/brock-partners-with-seven-niagara-municipalities-to-tackle-climate-change/)



### Brock surpasses United Way goal: After months of campaigning, Brock University surpassed its fundraising goal for United Way.

On Feb. 4, 2020, Brock President Gervan Fearon joined the University's United Way Committee Co-Chairs Lynn McCleary and Sandy Howe in presenting a \$172,912 cheque to United Way Niagara Executive Director Frances Hallworth and Director of Resource Development Kevin Jong. "It feels amazing that we've hit this goal as a campus community," said Howe, who is also Associate Director, Experiential Education. "As Brock employees, we are privileged in many ways, so it's important for us to do what we can to support others who may be struggling or disadvantaged."  
[brocku.ca/brock-news/2020/02/brock-university-surpasses-united-way-goal/](http://brocku.ca/brock-news/2020/02/brock-university-surpasses-united-way-goal/)

### Brock staff welcomed international students for the holidays

Like many international students, Demin Kong from China and Sharifa Ahmed from Bangladesh chose to spend their winter break in Canada. It can be a difficult time of year for international students who face increased travel costs during the holiday season, but some see it as an opportunity. "This was my first Christmas in Canada," said Ahmed. "I wanted to celebrate it the Canadian way." To ensure international students feel continued support from the local community, Brock International Services organizes an annual Home for the Holidays program which connects a local host with an international student for a traditional festive event. The goal is to ensure no student has to spend the festive season alone.  
[brocku.ca/brock-news/2020/01/brock-staff-welcomed-international-students-for-the-holidays/](http://brocku.ca/brock-news/2020/01/brock-staff-welcomed-international-students-for-the-holidays/)

Teghan Hinksman, Scholar Services and Program Co-ordinator, Brock International Services, had dinner with Demin Kong, Master's of Education ISP student from China, and Sharifa Ahmed, Accounting student from Bangladesh.



### International educators build ESL skills at Brock

In July and August 2019, instructors from China developed new teaching skills at Brock University. Run by Brock's Continuing Teacher Education program, the professional development initiative welcomed 11 English as a subsequent language (ESL) educators from Minjiang University in Fujian, China, to study at Brock over the course of a month. As English is not the first language of the ESL instructors, they sometimes experience unique challenges in the classroom that the Brock program hopes to help address. The instructors explored a range of topics, including instructional strategies, differentiated instruction, classroom management, future-ready skills, learning strategies, education in Ontario, Indigenous culture and supporting English language learners.  
[brocku.ca/brock-news/2019/08/international-educators-build-esl-skills-at-brock/](http://brocku.ca/brock-news/2019/08/international-educators-build-esl-skills-at-brock/)

The Minjiang University instructors participated in a Future-Ready Workshop facilitated by Brock faculty, staff and student volunteers. The workshop covered future-ready skills and the use of science, technology, engineering and math (STEM) in education.



### MOU between Brock, Community Care aims to help vulnerable communities

Brock University and Community Care, St Catharines and Thorold have signed a Memorandum of Understanding. A release stated that Community Care helps approximately 2,000 households access food security. It also provides housing and utilities assistance, back-to-school support, ID replacement services, youth sports opportunities, and other supports. According to Brock President Gervan Fearon, the MOU reflects the University's strategic priority of helping to advance the health and vitality of local communities.  
[www.academica.ca/top-ten/mou-between-brock-community-care-aims-help-vulnerable-communities](http://www.academica.ca/top-ten/mou-between-brock-community-care-aims-help-vulnerable-communities)



Andrew Gordon and Drew Lichty, from Community Care, joined Brock President Gervan Fearon and Community Care CEO Betty-Lou Souter, as well as Dave Wilson and Devin Daoust, from Community Care, at an event formalizing a partnership between the two organizations.



### COVID/Brock employees help

#### Brock employees step up to help fight COVID-19:

After working from home all day, some Brock University employees are trading their computers for sewing needles, continuing to work late into the night. While Brock is doing its part to help with the fight against COVID-19 through ongoing research and the donation of supplies, some members of the University have stepped up to support frontline workers in their own ways. Josh Sekel (above), Senior Project Manager, Enterprise Solutions, is creating 3D-printed face shields from home to help fight COVID-19. Alison Innes, Social Media Co-ordinator for the Faculty of Humanities, noticed American crafters making masks on social media. When her sister, a doctor in the U.S., asked Innes to sew a mask for her, a personal project began. Along with other health-care products, N95 masks are in high demand. To help alleviate the mask shortage, fabric masks are being made to be used in community or low-risk settings to free up N95 masks for health-care workers who are exposed to COVID-19 patients. Innes signed up for Masks for Heroes, an organization which matches sewists with American organizations in need of masks.

[brocku.ca/brock-news/2020/04/brock-employees-step-up-to-help-fight-covid-19/](http://brocku.ca/brock-news/2020/04/brock-employees-step-up-to-help-fight-covid-19/)

### Education students help local kids master reading and math

Amid the excitement of class photos, extracurriculars and new supplies, the back to school season can be daunting and stressful for students who find reading and math challenging. Student volunteers and interns from the Brock Learning Lab are helping local students from Grades K-12 by offering literacy and numeracy tutoring. "We're assisting children and adolescents who perhaps need some support outside the classroom," said Tiffany Gallagher, a professor in the Faculty of Education and director of the Learning Lab. The Reading Support Program and Math Support Program offer affordable one-on-one tutoring tailored to the unique needs of each student.

[brocku.ca/brock-news/2019/09/education-students-help-local-kids-master-reading-and-math/](http://brocku.ca/brock-news/2019/09/education-students-help-local-kids-master-reading-and-math/)



Brock Learning Lab staff include Paul Ferrara, Administrative Co-ordinator; Tiffany Gallagher, Director; Sharon Moukperian, School Site Supervisor; Katrina Jegg, Supervisor; Jennifer Turner, School Site Supervisor; Rebecca Johnston, School Site Supervisor; and Rachel St. Hilaire, Supervisor.



# INCLUSIVITY



## STRATEGIC PRIORITY: Foster a culture of inclusivity, accessibility, reconciliation and decolonization

At Brock, we believe that a diverse and welcoming learning community is built upon the foundation of exceptional students, faculty, staff and alumni. This requires that Brock be attractive and welcoming to people of all identities, and accepting of the unique histories and experiences of Indigenous people within the Canadian setting.

### GOALS:

- Strengthen relationships of trust with Indigenous communities and partners across all sectors and activities of the University.
- Promote effective human resource practices and philosophies that improve inclusivity, accessibility, reconciliation and decolonization.
- Further celebrate the success of our faculty, staff, students and alumni.

## Event aims to draw Indigenous students to math and science programs

For the 10th year in a row, more than 40 Grade 9 to 12 students from Six Nations of the Grand River and other Indigenous communities came to Brock for the Bridging our Worlds Through Science Aboriginal Outreach Program, which ran from May 6 to May 8, 2019. The program, exposed students to math and science through seven hands-on laboratory exercises and lectures by Indigenous traditionalists that incorporated Indigenous ways of knowing. Thanks to a \$10,000 backing from the Six Nations community, through the Science Education and Employment Development fund, students from Six Nations were able to attend free of charge, while the costs of other interested students are covered by the University.

[brocku.ca/brock-news/2019/05/event-aims-to-draw-indigenous-students-to-math-and-science-programs/](http://brocku.ca/brock-news/2019/05/event-aims-to-draw-indigenous-students-to-math-and-science-programs/)



## Achieving goals

**Brock grad named Raptors assistant coach:** Twenty years after walking Brock's campus as a first-year student, Jon Goodwillie was at the forefront of a national celebration. On June 13, 2019, the Toronto Raptors made history by winning Game 6 of the NBA Finals, marking the first time a Canadian team won the championship. On Sept. 9, 2019, Goodwillie, a Sport Management graduate (BSM '03), was named an assistant coach on Nick Nurse's staff. "It's been a goal of mine, something I've been striving for during my time with the Raptors," says Goodwillie. "With the success this organization has had not just last year but in the last few years, it's really rewarding to achieve that goal." Goodwillie, who is in his 15th season with the Raptors, started as a video and administrative intern in 2005. [brocku.ca/brock-news/2019/09/brock-grad-named-raptors-assistant-coach/](http://brocku.ca/brock-news/2019/09/brock-grad-named-raptors-assistant-coach/)



## A legacy of Badgers

**Badgers inducted into Sports Wall of Fame:** In middle photo: From left to right, Brock graduates and Olympians Tonya Verbeek (wrestling) and Ron 'Swede' Burak (rowing), photo by the City of St. Catharines. Olympians Verbeek and Burak had their names added to the David S. Howes St. Catharines Sports Wall of Fame at the Meridian Centre Nov. 20, 2019. As the most successful Canadian wrestler of all-time Verbeek (BRLS '00, BEd '03, MED '06) is a three-time Olympian, three-time freestyle wrestling 55-kilogram medalist and an 11-time national champion. Burak (BSM '04) competed in rowing for Canada at the 1976 Summer Olympics in Montréal, helped Canada win gold at the Pan Am Games in Mexico City in 1975, won five world championships, was a member of the national team from 1971 to 1977, and returned for a period between 1983-84. In right photo: Brock University graduate Ray Barkwill is a three-time Canadian Rugby Championship winner. He was inducted into the Niagara Falls Sports Wall of Fame at the Gale Centre on Jan. 26, 2020. A rugby juggernaut who helped the Brock Badgers win a provincial championship, received an honour "beyond his wildest dreams." Barkwill (BSc '10), who grew up in Niagara Falls, said he never thought an achievement like this was possible, citing Brock University and others as instrumental in his career. [brocku.ca/brock-news/2019/11/badgers-inducted-into-st-catharines-sports-hall-of-fame/](http://brocku.ca/brock-news/2019/11/badgers-inducted-into-st-catharines-sports-hall-of-fame/) [brocku.ca/brock-news/2019/12/former-badger-ray-barkwill-to-be-inducted-into-niagara-falls-sports-wall-of-fame/](http://brocku.ca/brock-news/2019/12/former-badger-ray-barkwill-to-be-inducted-into-niagara-falls-sports-wall-of-fame/)



Taylor McRae, Annabelle Willow Grant, Natasha Campbell and Anna-Lise Siering were among the Brock PSYC Society who planned the event.

## Student-led event gives voice to mental health challenges

Brock University community members were invited to present and support one another at A Night To Be Heard: Mental Health Open Mic, hosted by the Brock PSYC Society on Feb. 7, 2020. The event welcomed spontaneous speakers and performers sharing their experiences with mental health challenges through speech, music and comedy. Trained professionals from the Student Health and Wellness Hub and the Brock Student Sexual Violence Support Centre were on-site to support attendees. The event was developed by the executive of the Brock PSYC Society, a student-run, BUSU-ratified club made up of Psychology students. [brocku.ca/brock-news/2020/01/student-led-event-gives-voice-to-mental-health-challenges/](http://brocku.ca/brock-news/2020/01/student-led-event-gives-voice-to-mental-health-challenges/)

## Dramatic Arts grad gets rave reviews in Soulepper's The Brothers Size

Brock Dramatic Arts alumnus Marcel Stewart (BA '07) earned praise for his performance in what the Toronto Star called a "stunning Canadian premiere." Stewart starred as Elegba in The Brothers Size, the newest offering from Toronto-based production house Soulepper. He described the experience as a "whirlwind," especially after Toronto-based rapper Drake made a surprise appearance at the May 10, 2019 opening night performance. Stewart wants to continue his outreach work and bring more eclectic and diverse artists to St. Catharines. [brocku.ca/brock-news/2019/05/dramatic-arts-grad-gets-rave-reviews-in-souleppers-the-brothers-size/](http://brocku.ca/brock-news/2019/05/dramatic-arts-grad-gets-rave-reviews-in-souleppers-the-brothers-size/)



Brock Dramatic Arts alumnus Marcel Stewart (BA '07), centre, played the role of Elegba in the Soulepper production of The Brothers Size alongside Daren A. Herbert, left, and Mazin Elsadiq. Photo by: Cylla von Tiedemann, courtesy of Soulepper.



## 12,000 km in pursuit of a new career, better life for her compatriots

When she stepped off the plane in September 2018, Esther Wainaina had never been to Canada. She travelled more than 12,000 km from Kenya to enrol in Brock University's Master's Preparation Certificate in Education (MPCE) program in pursuit of a new career developing labour and education policy. On June 12, 2019, she graduated from the program during the Faculty of Education Convocation ceremony. Wainaina has had to adjust to a foreign culture and a new academic program. She also had to balance being a full-time MPCE student with the day-to-day care of her three children while her husband remained in Kenya to work. [brocku.ca/brock-news/2019/06/12000km-in-pursuit-of-a-new-career-better-life-for-her-compatriots/](https://brocku.ca/brock-news/2019/06/12000km-in-pursuit-of-a-new-career-better-life-for-her-compatriots/)



**Goodman expands CPA Ontario accreditation to master's program:** Brock University's Goodman School of Business has expanded its CPA accreditation to the Master of Professional Accounting (MPAcc). Goodman's MPAcc is designed for international students who are looking to pursue the Chartered Professional Accountant (CPA) designation in Ontario. The program offers tailored content that provides pathways to the designation and sets international students up for success as they pursue their accounting careers in Ontario. "The Goodman School of Business continues to strengthen relationships with CPA Ontario, as well as other partners in our community," said Dean Andrew Gaudes. "This expansion of our existing accreditation is yet another example of our ongoing commitment to provide students from around the world access to the highest standard of business education." [brocku.ca/brock-news/2019/08/goodman-expands-cpa-ontario-accreditation-to-masters-program/](https://brocku.ca/brock-news/2019/08/goodman-expands-cpa-ontario-accreditation-to-masters-program/)



**Brock grad using math to potentially save lives:** Colin Phipps (BSc '07) a Brock University Mathematics and Science graduate is using applied math to help new medicines hit the market faster. Using mathematical algorithms, Phipps is increasing the potential of accuracy drugs selected for clinical trials have, giving them the best probability for success on patients. This could mean starting treatments sooner with more reliable and effective drugs. Phipps, who studied Mathematics Integrated with Computers and Applications, is one of many Mathematics and Science grads who have found roles across various industries as a result of the wide range of research and math specialties the Faculty offers. He was recently named to Halo Cure's Chicagoland 40 Under 40, which recognizes a dedication to translating research into real-world applications that have a meaningful impact. [brocku.ca/brock-news/2019/10/brock-grad-using-math-to-potentially-save-lives/](https://brocku.ca/brock-news/2019/10/brock-grad-using-math-to-potentially-save-lives/)

Indigenous Studies Instructor April Powless, Co-owner of Mohawk Towing/Porter Trucking and company employee Karl Green.



## 25th International Women's Day

**Fearon: We must each help realize the goals of International Women's Day:**

The following is from a message to the Brock community from University President Gervan Fearon: "March 8, 2020 marked the 25th anniversary of International Women's Day as defined by the United Nations. This year's theme for International Women's Day takes a multi-generational approach, recognizing that much of our reality today is the result of choices made by institutions and society in the past. Our challenge is therefore to create our own legacy for generations to come, by the choices we make today. Here at Brock University, working together, I am confident that we can make progress in achieving the goals underlying the 2020 International Women's Day."

[brocku.ca/brock-news/2020/03/fearon-we-must-each-help-realize-the-goals-of-international-womens-day/](https://brocku.ca/brock-news/2020/03/fearon-we-must-each-help-realize-the-goals-of-international-womens-day/)

**Female business leaders share advice, experiences at student-led Goodman event:**

In celebration of International Women's Day, the Brock Women in Business student group hosted their second annual The Rise event featuring a panel discussion by four female business leaders who spoke to an audience of more than 75 attendees.

[brocku.ca/brock-news/2020/03/female-business-leaders-share-advice-experiences-at-student-led-goodman-event/](https://brocku.ca/brock-news/2020/03/female-business-leaders-share-advice-experiences-at-student-led-goodman-event/)

## 2SLGBTQ+ students asked to share experiences with working group

Brock students who identify as members of the two-spirit, lesbian, gay, bisexual, transgender, queer or + to encompass spectrums of sexuality and gender (2SLGBTQ+) community were invited to take part in a new working group, from December 2019 to April 2020. Hosted by the Student Wellness and Accessibility Centre (SWAC) Student Advisory Panel, the group set out to gather knowledge about the health and wellness experiences of 2SLGBTQ+ students in hopes of creating a new knowledge-translation project that will benefit the entire Brock community. "Our aim is to gather knowledge that can provide insight and be put into practical use," said Student Advisory Panel Facilitator Dawn Shickluna. [brocku.ca/brock-news/2019/11/2slgbtq-students-asked-to-share-experiences-with-working-group/](https://brocku.ca/brock-news/2019/11/2slgbtq-students-asked-to-share-experiences-with-working-group/)

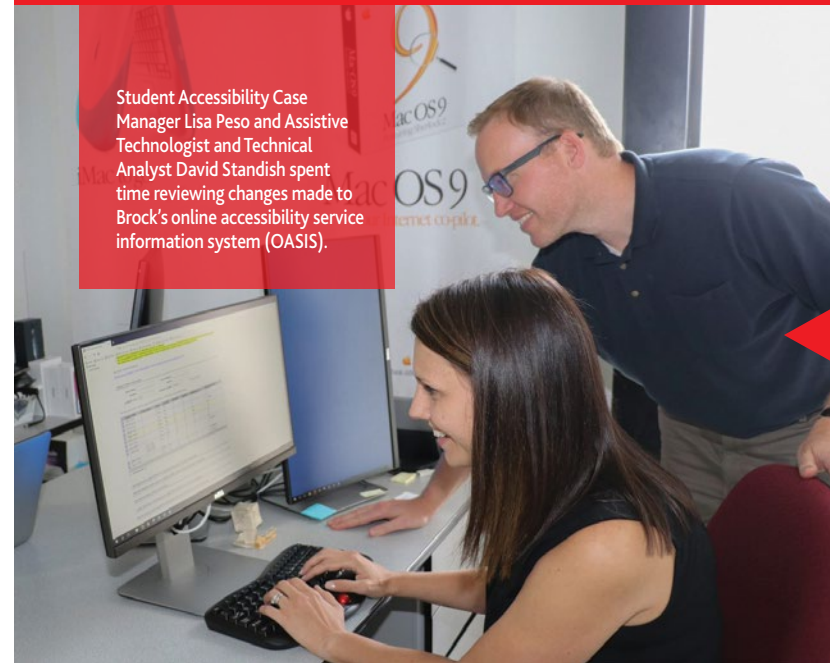


Student Wellness and Accessibility Centre Student Advisory Panel Member Manu Kahlon and Student Advisory Panel Facilitator Dawn Shickluna put out a call for interested Brock students to join a working group about the health and wellness experiences of 2SLGBTQ+ students.

## Indigenous Studies instructor helps deliver support to elders in need

Indigenous Studies Instructor April Powless lent a helping hand to elders in her community during an uncertain time. Along with teaching in Brock University's Tecumseh Centre for Aboriginal Research and Education, Powless is also co-owner of Mohawk Towing/Porter Trucking and Construction in Ohsweken, Ont. The company is known for helping people around the Six Nations of the Grand River Reserve when they are in a bind, but the onset of the COVID-19 pandemic has seen them shift their efforts to ensure the safety of those in need. "We were watching everyone raising concern and facing struggles finding basic supplies," she said. [brocku.ca/brock-news/2020/03/indigenous-studies-instructor-helps-deliver-support-to-elders-in-need/](https://brocku.ca/brock-news/2020/03/indigenous-studies-instructor-helps-deliver-support-to-elders-in-need/)

Student Accessibility Case Manager Lisa Peso and Assistive Technologist and Technical Analyst David Standish spent time reviewing changes made to Brock's online accessibility service information system (OASIS).



## Student academic accommodations enhanced through new system

Pursuing a university degree is a challenging task all on its own, but doing so while living with a disability or temporary but ongoing medical or mental health condition can create additional obstacles to overcome. To help students in need of accommodation, Brock recently updated its online accessibility service information system (OASIS). The modifications will allow for accommodation requests to be addressed in a more timely manner by faculty and the more than 1,500 students currently using the system. [brocku.ca/brock-news/2019/09/student-academic-accommodations-enhanced-through-new-system/](https://brocku.ca/brock-news/2019/09/student-academic-accommodations-enhanced-through-new-system/)



## Annie Berg: Brock's superstar on and off the ice

Women's hockey coach Margot Page knew the elite hockey player they were getting when Annie Berg made the choice to attend Brock University. Yet, it's Berg's character off the ice that Page has come to appreciate over the past three seasons. "Honestly, it has nothing to do with anything on the ice. It's how she engages in our local community," said Page. Berg formed a relationship with Team Achieve teammate Madison Lafontaine as part of the Badgers Care program in partnership with Team Achieve Canada and Community Living St. Catharines to connect young people with intellectual disabilities with university and college sports teams. [brocku.ca/brock-news/2019/05/annie-berg-brocks-superstar-on-and-off-the-ice/](https://brocku.ca/brock-news/2019/05/annie-berg-brocks-superstar-on-and-off-the-ice/)



Brock women's hockey forward Annie Berg finished third in league scoring with 11 goals and 25 points in 24 games this season.



### Badgers look to make every action count on Bell Let's Talk Day:

The Brock Badgers joined the conversation to help combat mental illness when their basketball teams hosted games in support of the 10th anniversary of Bell Let's Talk Day on Jan. 29, 2020. "It's perfectly normal to need help," said forward Daniel Cayer of the men's basketball team. "Even the strongest have moments where they need to air out what's on their mind. It's important to have a strong support system around you to get through times of adversity."

[gobadgers.ca/news/2020/1/28/general-news-badgers-look-to-make-every-action-count-on-bell-lets-talk-day](https://gobadgers.ca/news/2020/1/28/general-news-badgers-look-to-make-every-action-count-on-bell-lets-talk-day)



### Historic finish for Brock women's basketball team at national championships:

The Brock Badgers achieved their best-ever finish at the U SPORTS national women's basketball championships. The Badgers had their historic season come to an end as the U SPORTS runner-up in the nation's capital. "I feel like we just put Brock on the map again," said fifth-year point guard Melissa Tatti, of Ancaster. "Not a lot of people believed in us, but we believed in us."

[brocku.ca/brock-news/2020/03/historic-finish-for-brock-womens-basketball-team-at-national-championships/](https://brocku.ca/brock-news/2020/03/historic-finish-for-brock-womens-basketball-team-at-national-championships/)



### Brock's Mike Rao named U SPORTS national women's basketball Coach of the Year:

Brock Badgers women's basketball Head Coach Mike Rao received his gold medal after his team won the OUA Critelli Cup championship in Toronto. Anyone in the hallways of the athletics department at Brock University will tell you how loyal Rao's team is and just how much respect they have for the Welland native, who took over the reigns as head coach in 2018. The team erupted in Ottawa when Rao was awarded the Peter Ennis Award as the Women's Fox 40 Coach of the Year during the All-Canadian Gala at the 2020 U SPORTS Final 8 Basketball Championships.

[brocku.ca/brock-news/2020/03/brocks-mike-rao-named-u-sports-national-womens-basketball-coach-of-the-year/](https://brocku.ca/brock-news/2020/03/brocks-mike-rao-named-u-sports-national-womens-basketball-coach-of-the-year/)

## Brock Sports achievements

### Championship success

- Men's Wrestling – OUA and U SPORTS national champions
- Women's Wrestling – OUA and U SPORTS national champions
- Women's Basketball – OUA champions

### Other team medals

- Women's Basketball – U SPORTS Silver
- Women's Volleyball – OUA Silver
- Men's Rugby – OUA Bronze
- Men's Curling – OUA Silver
- Women's Ultimate Frisbee – CUUC Bronze
- Men's and Women's Rowing – 14 OUA medals, 3 CURC medals
- Men's Swimming – OUA Bronze (Gokhan Bozyigit, 1,500m freestyle)
- Men's Fencing – OUA Silver (Logan Wilford men's epee), 2 OUA Bronze (Aaron Olmstead, men's sabre; Malcolm McLeod, men's foil)
- Women's Fencing – OUA Bronze (women's foil team relay)
- Powerlifting – OPA Strongest School
- Ringette – University Challenge Cup
- Cheer – ICU World Cup Gold
- Figure Skating – OUA Bronze (Intermediate Similar Pairs)

### Coaches of the year

- Mike Rao – OUA Women's Basketball, U SPORTS Women's Basketball, OUA Male Coach of the Year, Brock Sports Wally Barrow Memorial Coach of the Year
- Lucio Ianiero – OUA Men's Soccer (West)
- Marty Calder – U SPORTS Men's Wrestling
- Steve Delaney – OUA Women's Volleyball (West)
- Mark Hall – OIWFA Coach of the Year
- Tom Kent – CURC Men's Rowing Coach of the Year

- Scott Anderson – CURC Men's Rowing Coach of the Year
- Shara Pavan – Equestrian Supporter of the Year

### Other major awards

- Melissa Tatti (women's basketball) – OUA Women's Basketball Player of the Year
- Women's Basketball – OUA Female Team of the Year
- Jensen Murphy (women's hockey) – OUA Women's Hockey Goaltender of the Year
- Logan Wilford (men's fencing) – Men's Fencing George Tully Trophy
- Nick Lemieux (men's curling) – Men's Curling U SPORTS RW Pugh Fair Play Award
- Celine Funk (women's swimming) – OUA Women's Swimming Community Service Award, U SPORTS Community Service Award
- Julie Steffler (women's wrestling) – U Sports Outstanding Women's Wrestler
- Brock Sports Athlete of the Year – Hannah Taylor (wrestling)
- Brock Sports Athlete of the Year – Clayton Pye (wrestling)
- Brock Sports Team of the Year – Women's Basketball
- Brock Sports Team of the Year – Men's Wrestling
- David S. Howes Spirit of Brock Award – Gokhan Bozyigit (men's swimming) and Celine Funk (women's swimming)
- R.M. Davis Surgite Award – George Bocock (men's rugby)
- David Atkinson Surgite Award – Darby Taylor (women's volleyball)
- Joseph P. Kenny Student Therapist Award of Excellence – Damian Ksenych and Sean Sabbatini
- Brock Sports Medicine Outstanding Achievement Award – Caroline Hicks-Casey
- Brock Sports Performance Student Intern of the Year – James Watt
- Brock Sports Performance Impact Award – Abby Bolton
- Marilou lusi Service Award – Mackenzie Gerry

## Toronto Blue Jays sign Brock Badgers pitcher Alex Nolan

The Toronto Blue Jays have signed Brock Badgers starting pitcher Alex Nolan. Nolan completed his third year in Media and Communications at Brock and became the third Badgers baseball player to be signed by an MLB club after Jamaal Joseph in 2004 and Shaun Valeriote in 2012. Last season, the pitcher posted a stellar 11.72 strikeouts per nine innings. He had a 1.78 earned run average and 1.05 walks plus hits per inning pitched (WHIP) in 35.3 innings and walked only eight batters. "Alex has made the program proud. He's is the product of the culture that we have been building at Brock," said head coach Marc LePage. [brocku.ca/brock-news/2019/06/toronto-blue-jays-sign-brock-badgers-pitcher-alex-nolan/](https://brocku.ca/brock-news/2019/06/toronto-blue-jays-sign-brock-badgers-pitcher-alex-nolan/)



## Brock women's soccer player laces up for Trinidad and Tobago U20 squad

There was a Brock Badger on the field when 20 international soccer teams clashed at the 2020 CONCACAF Women's U-20 Championship in the Dominican Republic from Feb. 22 to March 8, 2020. Arnelle Douglas, a midfielder for the women's soccer team and second-year Humanities student, was recently named to the Trinidad and Tobago U20 squad that will compete for a chance to qualify for the FIFA U20 Women's World Cup. "I am extremely proud and very honoured to be able to represent my other country and my heritage," said Douglas.

[brocku.ca/brock-news/2020/02/brock-womens-soccer-player-to-lace-up-for-trinidad-and-tobago-u20-squad/](https://brocku.ca/brock-news/2020/02/brock-womens-soccer-player-to-lace-up-for-trinidad-and-tobago-u20-squad/)







# Brock student excellence

## Brock Leaders Citizenship Award

Brock Leaders Citizenship Awards recognize a combination of high academic achievement and personal leadership abilities. Students who receive the Brock Leaders Award will be eligible for entry into the Brock Leaders Citizenship Society. The students listed below have demonstrated excellence in fine arts, writing, debating, science, extracurricular activities and/or significant citizenship contributions to the community.

- Lindsay Adoranti – Social Sciences
- Oana Balint – Goodman School of Business
- Jana Bataineh – Applied Health Sciences
- Sally Bellevue – Humanities
- Emily Bonisteel – Applied Health Sciences
- Emma Brownlee – Applied Health Sciences
- Jenna Burrows – Mathematics and Science
- Mikellie Clarkson – Social Sciences
- Jessica Darby – Applied Health Sciences
- Brooke Harvey – Humanities
- Julia Howcroft – Applied Health Sciences
- Caitlin Illman – Humanities
- Daniel Krowchuk – Applied Health Sciences
- Benjamin Mandigo – Goodman School of Business
- Evelin Melekh – Applied Health Sciences
- Olivia Mete – Applied Health Sciences
- Annilea Purser – Social Sciences
- Brooke Roussy – Social Sciences

## President's Surgite Award

The President's Surgite Award recognizes those students who have been outstanding in one or more of the following areas: demonstrated exemplary leadership in a student club, organization, association or team; did something exceptional that helped to advance Brock's academic reputation; made a significant contribution to student life at Brock; or provided a valuable service to Brock or the broader community.

- Bilal Ali-Khan – Goodman School of Business
- Amy Cruickshank – Applied Health Sciences
- Mariana GarridodeCastro – Mathematics and Science
- Koah Ing – Mathematics and Science
- Kailene Jackson – Social Sciences
- Niveditha Sethumadhavan – Social Sciences
- Aashir Siddique – Applied Health Sciences
- Hope TuffBerg – Social Sciences
- Taylor Victoria-Heffer – Social Sciences
- Aaron Wexler – Applied Health Sciences

## Board of Trustees Spirit of Brock Medal

The Brock University Board of Trustees provides a medal for graduating students who best exemplify Sir Isaac Brock's spirit with one or more of the following qualities: leadership, courage, innovation, inspiration and community involvement.

- Bilal Ali-Khan – Goodman School of Business
- Sara Eslampanah – Goodman School of Business
- Keely Grossman – Social Sciences
- Sophie Hassanali – Social Sciences
- Shraddha Khirwadkar – Mathematics and Science
- Leila Mesquine – Mathematics and Science
- Larry Nie – Education
- Jasmine Pereira – Education
- Kelly Pilato – Applied Health Sciences
- Reuben Plance – Education
- Niveditha Sethumadhavan – Social Sciences
- Aashir Siddique – Applied Health Sciences
- Sun-Kyung Simmonds – Humanities

## Governor General's Medals

The Governor General's Medals recognize excellence in academic studies. The gold medal is presented to the student with the highest overall average in a graduate program. The silver medals are awarded to the students completing their first four-year bachelor's degree with the highest and second highest cumulative averages.

- Gold – Adam Tonet – Mathematics and Science
- Silver – Ashley Kapoor – Mathematics and Science
- Silver – Rachel Marie VanHerk – Mathematics and Science

## Brock's 2019 Co-op Students of the Year

Brock University's Co-op Students of the Year Award recognizes excellence in job performance, academic achievements and extra-curricular involvement, based on a student's contributions to their co-op employers, co-op education at Brock and the community at large.

- Zain Virani – Master of Business Economics Co-op (Graduate Category)
- Ahmed Jawa – Honours Bachelor of Business Administration Co-op (Undergraduate Category)
- Ahmed Jawa – National "Co-op Student of the Year 2019" by Co-operative Education and Work Integrated Learning (CEWIL) Canada
- Bradley Klassen – Honours Bachelor of Science, Mathematics with concentration in Statistics Co-op (Undergraduate Category)
- Bradley Klassen – Provincial "Co-op Student of the Year 2019" by Education at Work Ontario (EWO)



## Unstoppable Tracy

### Brock grad inducted into Canadian Disability Hall of Fame:

From left, Former Mayor of Toronto and Chair, Canadian Disability Hall of Fame Selection Board, Honourable David Crombie; Senior Vice President, Chief Compliance Officer and Global Regulatory Affairs CIBC Risk Management Andrea Nalyzty; Retired Senator and Chair, Canadian Foundation for Physically Disabled Persons Honourable Vim Kochhar; and Tracy Schmitt (BRLS '95). Photo by Steve Blackburn, courtesy of the Canadian Foundation for Physically Disabled Persons. Tracy Schmitt was born a four-way amputee, missing both hands, one arm above the elbow and her legs above knee. But Unstoppable Tracy, as she's known, has never let that prevent her from living a high-energy, adventure-filled life. In recognition of the extraordinary contributions Schmitt (BRLS '95) has made to enriching the quality of life for people with physical disabilities, she was inducted into the Canadian Disability Hall of Fame at a ceremony in November 2019, at the Fairmont Royal York in Toronto. The inductees were individuals who have made a difference for people with disabilities in the areas of sport, education, employment or housing. [brocku.ca/brock-news/2019/12/brock-grad-inducted-into-canadian-disability-hall-of-fame/](http://brocku.ca/brock-news/2019/12/brock-grad-inducted-into-canadian-disability-hall-of-fame/)

## Alumni recognition awards

Alumni recognition award recipients pictured above from left to right: Alan Nursall, Manny Figueiredo, Paul Paterson, John MacDonald, Alex Valova, Kirsty Salmon, Rita Middleton and Gregory Craig.

The Alumni Association takes great pride in recognizing the achievements of Brock alumni who have earned prominence as a result of their exceptional professional achievements and/or service to society. The recognition of accomplished alumni promotes the excellence of the University, its graduates and the Alumni Association.

- Distinguished Alumni – Gregory Craig (BBA '91)
- Faculty of Mathematics and Science Distinguished Graduate – Kirsty Salmon (BSc '91, MSc '94)
- Faculty of Social Sciences Distinguished Graduate – Alan Nursall (BA '79)
- Applied Health Sciences Distinguished Graduate – John MacDonald (BRLS '82)
- Faculty of Education Distinguished Graduate – Manny Figueiredo (MEd '01)
- Goodman School of Business Distinguished Graduate – Rita Middleton (BAdmin '87)
- Faculty of Humanities Distinguished Graduate – Paul Paterson (BA '90, BEd '05)
- Outstanding Young Alumni – Alex Valova (BA '08)



Kirsty Spence  
Associate Professor,  
Sport Management



Robyn Bourgeois,  
Assistant Professor,  
Women's and  
Gender Studies



Keri Cronin,  
Associate Professor,  
Art History



Chris Fullerton,  
Associate  
Professor,  
Geography and  
Tourism Studies



Alex Christie,  
Assistant Professor,  
Digital Prototyping



Kyle Rich,  
Assistant Professor,  
Recreation and  
Leisure Studies



Tim Murphy,  
Professor,  
Psychology



## Teaching awards 2019-20

### Brock University Distinguished Teaching Award 2019

**Kirsty Spence, Sport Management:** Spence's research on Beginner's Mind, the ancient Zen concept of mindfulness, began after observing growing student engagement when learning about the practice of deep learning and the state of having an open and ready mind to explore all the possibilities of learning. This led her to revisit this concept and how it now fits with her philosophy around teaching and leadership.

### Chancellor's Chairs for Teaching Excellence (Research projects 2019-2022)

**Robyn Bourgeois, Women's and Gender Studies:** Bourgeois' three-year project is called Indigenizing Women's and Gender Studies: Developing Indigenous-Centred Curriculum and Pedagogy at Brock University. "This project is driven by a single research question: what would an Indigenous-designed course examining Indigenous understandings of gender, sex, and sexuality look like at Brock University?" she said.

**Keri Cronin, Art History:** Cronin's project is called Teaching and Learning Art History in a (Primarily) Studio Department: Experiences and Expectations. Her research goal is to learn more about how studio students at Brock are thinking about and learning from History of Art and Visual Culture courses while also focused on the experiences of faculty members who teach those classes.

**Chris Fullerton, Geography and Tourism Studies:** Fullerton's Chancellor's Chair three-year project, "Stakeholder Perspectives on the Benefits and Challenges of Experiential Education in Geography and Tourism Studies," takes a deep look into the department's experiential learning opportunities and outcomes. Through surveys and interviews with current students, recent alumni, faculty members and community partners, he will investigate how to maximize experiential learning opportunities for students and community partners.

### Brock University Award for Excellence in Teaching for Early Career Faculty

**Alex Christie, Digital Prototyping:** Christie, who began teaching at the Centre for Digital Humanities in 2016, moves between humanities theory and technical practice to cultivate experiences in which students reveal and rethink the design logics of social and technological systems.

### Clarke Thomson Award for Excellence in Sessional Teaching

**Kyle Rich, Recreation and Leisure Studies:** Rich has been teaching at Brock since 2016. Known for his innovative and thoughtful approach to teaching, whether it be traditional, online or blended. He has taught seven different courses covering a wide variety of topics, and was the first instructor of the Degree Completion Program for Professions.

### Don Ursino Award for Excellence in the Teaching of Large Classes

**Tim Murphy, Psychology:** Murphy has established an outstanding teaching record throughout the past 20 years teaching PSYC 2F23 – Introductory Statistics and Research Methods, along with many other courses. With class sizes from 100 to 600 students, Murphy's student-centred, innovative teaching methods reduce student anxiety of statistics, while mastering the material.

## Faculty Awards for Excellence in Teaching 2020

The Faculty Teaching Award is presented annually to the professor in each Faculty who, in the opinion of his or her students and peers, has displayed the qualities of superior teaching, enthusiasm for the discipline and interest in the needs of students.

### Goodman School of Business

**Eric Dolansky, Marketing:** Case research and writing is a teaching tool Dolansky was exposed to while working toward his MBA and PhD. Each year Dolansky researches and writes a few case studies to reinforce concepts students learn in class. With a focus on current business issues, his case studies inspire students to discuss solutions to real business scenarios using the knowledge they have gained during their studies.

### Faculty of Mathematics and Science

**Bob Carlone, Biological Sciences:** Carlone is an absolute favourite professor of students in Biology. His developmental biology courses are always full and fourth-year biology honours students are lined up to do their honours thesis research work with Carlone. With a student-centred approach to teaching and labs, he demonstrates his knowledge, interest and enthusiasm for the subject matter.

### Faculty of Applied Health Sciences

**Ken Lodewyk, Kinesiology:** Lodewyk is a highly resourceful, learner-centred instructor. His professional approach toward student success deeply impacts students, as seen by his impressive student course evaluations and unsolicited testimonials of students' learning. His use of active learning and reflective practices to engage students, in addition to dynamic lab assignments, case studies, digital video analysis and use of social media serve to demonstrate Lodewyk's innovative teaching.

### Faculty of Education

**Spy Dénommé-Welch, Educational Studies:** Those who have seen the banners hanging in Welch Hall will appreciate the messages from nominators and past students: Spy creates learning spaces that integrate "holistic, invitational, and arts-integrated approaches." Dénommé-Welch has brought expertise, wisdom and critical thinking to Brock's Faculty of Education.

### Faculty of Humanities

**Carole Lynn Stewart, English Language and Literature:** Stewart's teaching and research focuses on African American literature. Her pedagogy is firmly committed to antiracism and decolonization and she works hard to give "students the tools to recognize social problems in historical texts and their continuing relevance today." As noted in her teaching philosophy, her primary goals are to be attentive to the diverse needs of students, what they need to know and how to get there.

### Faculty of Social Sciences

**Nick Baxter-Moore, Communications and Popular Culture:** From the time that he developed his first new course in Canadian Political Economy back in 1986, Baxter-Moore has become known for both his ability to engage students on a staggering array of topics, from popular music and event management to Canadian-American studies and research methods, and his dedication to doing so in every teaching environment, from large lectures to focused one-on-one supervisions.

Eric Dolansky,  
Associate Professor,  
Marketing



Robert Carlone,  
Professor,  
Biological Sciences



Ken Lodewyk,  
Associate Professor,  
Kinesiology



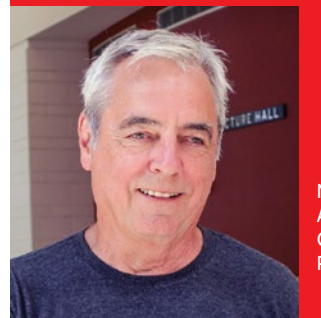
Spy Dénommé-Welch,  
Associate Professor,  
Educational Studies



Carole Lynn Stewart,  
Associate Professor,  
English Language and  
Literature



Nick Baxter-Moore,  
Associate Professor,  
Communications and  
Popular Culture





Karen Fricker,  
Associate Professor,  
Dramatic Arts



Michael Pisaric,  
Professor,  
Geography and  
Tourism Studies



Madelyn Law  
Associate Professor,  
Health Sciences,  
Associate Vice-  
Provost, Teaching  
and Learning



Miriam Richards,  
Professor,  
Biological Sciences



Rachel Yufei Luan,  
Student,  
Business Administration  
International Student  
Program



## Graduate Studies awards

### Michael Plyley Graduate Mentorship Awards

Presented annually to recognize excellence in mentorship of graduate students.

#### Karen Fricker:

*"Seek out opportunities and give 'er. Such mentorship is one of the deepest rewards of academic life."*

#### Michael Pisaric:

*"When my students approached me about the nomination, I was touched that they thought of me in such regard as to nominate me. To actually receive the award, however, is humbling. Graduate students are at the heart of my research program. Without my amazing students, my research program would not be nearly as successful. We are creating the scientists and leaders of tomorrow, and my goal is to ensure they are well prepared for whatever path they follow when they leave Brock."*

#### Madelyn Law:

*"I don't do things to win awards – I just always focus on improving the way I work with students based on listening and understanding their research and educational goals," says Law. "Receiving this award has allowed me to see that this approach is appreciated and making a difference for these students lives, which is all I could ask for."*

#### Miriam Richards:

*"Research and academia are challenging, fascinating and sometimes very difficult," says Richards. "Research is a team activity and for science students, is basically an apprenticeship. It's not really something you can do by yourself. Supervising grad students is one of the best things about my job."*

### Marilyn Rose Graduate Leadership Award

Presented annually to recognize faculty, staff and students for their work and leadership in enhancing the graduate studies experience at Brock University.

#### Rachel Yufei Luan

*"To me, leadership is all about inspiring people," says Luan, a second-year student in the master of Business Administration International Student Program. "It's not only what you say and do, but how you say and do it. People with good leadership skills can influence their community every day."*

### Jack M. Miller Excellence in Research Awards

These awards recognize graduate students who have presented projects that are highly original and are addressing significant questions.

#### Faculty of Applied Health Sciences

- Talia Ritondo, MA, Applied Health Sciences
- Nigel Kurgan, PhD, Applied Health Sciences

#### Faculty of Education

- Monica Louie, MEd, Education
- Susan Docherty-Skippen, PhD, Education

#### Goodman School of Business

- Ardalan Eyni, MSc, Management

#### Faculty of Humanities

- Simone Mollard, MA, Classics
- Brett Robinson, PhD, Interdisciplinary Humanities

#### Faculty of Mathematics and Science

- Scott Cocker, MSc, Earth Sciences
- Parisa Abbasi, PhD, Chemistry

#### Faculty of Social Sciences

- Madeline Asaro, MA, Applied Disability Studies
- Megan Earle, PhD, Psychology

## Research awards and Canada Research Chairs (CRC)

### Chancellor's Chair for Research Excellence

**Nicole Goodman, Political Science:** Nicole Goodman, Assistant Professor of Political Science, studies the implementation of electronic voting in communities and First Nations across Canada. When voters went to cast their online ballots in the most recent Ontario municipal elections in 2018, many experienced problems doing so. Goodman is researching how to prevent or mitigate such glitches in the future. "The goal of the proposed research is to develop a framework to guide the use of electronic voting in the digital age with a focus on community-level elections," says Goodman. "This funding and Chair means that I'll be able to focus on how we can safeguard electoral democracy in an age of digital elections, which has important practical implications for governments at all levels in Canada and internationally."

[brocku.ca/brock-news/2020/01/nicole-goodman-receives-brocks-chancellors-chair-for-research-excellence/](https://brocku.ca/brock-news/2020/01/nicole-goodman-receives-brocks-chancellors-chair-for-research-excellence/)

### Canada Research Chairs

The Canada Research Chairs (CRC) program was created by the federal government in 2000 to attract and retain top researchers. Tier 1 and Tier 2 CRCs are nominated by universities and must also be confirmed by their peers as being exceptional researchers and potential leaders – even world leaders – in their field. At the end of April 2020, there were seven Canada Research Chair holders at Brock. In late 2018 and early 2019, the University announced the recruitment of researchers and scholars for six CRCs in the areas of: Indigenous Art Practice; Mechanisms of Health and Disease; Bioinformatics and Computational Biology; Biological Psychology; Tissue Remodelling and Plasticity throughout the Lifespan; and Youth Performance and Mental Health. Candidates have been identified for four of these positions with nomination processes underway; two searches were delayed due to COVID-19 restrictions. In Winter 2020, the University launched an internal search for an individual with a disability to be nominated as a Tier 2 Canada Research Chair in any research field. This latest search will replace an existing Chairholder nearing the end of their term. These recruitment processes will provide a full complement of 13 Canada Research Chair holders by the end of 2021 and fulfil all equity targets set by the federal program.

### CRC highlight

#### Brock-led research team gets \$2.5-million SSHRC grant to study policies impacting diverse Canadian families:

With a \$2.5 million grant from the Social Sciences and Humanities Research Council of Canada (SSHRC), Andrea Doucet, CRC and Professor of Sociology and Women's and Gender Studies, will be heading an international team of researchers to study how childcare services, parental leave policies and employment policies impact diverse Canadian families. The seven-year research program, will explore key questions, including how are current Canadian childcare, parental leave and employment policies structured, financed and delivered, and what can we learn from national and international research? "This partnership aims to create cutting-edge and accessible knowledges about these three key family policies in Canada: childcare services, parental leave policies and employment policies," said Doucet.

[brocku.ca/brock-news/2020/05/canada-research-chair-andrea-doucet-receives-2-5-million-sshrc-grant-to-study-policies-impacting-diverse-canadian-families/](https://brocku.ca/brock-news/2020/05/canada-research-chair-andrea-doucet-receives-2-5-million-sshrc-grant-to-study-policies-impacting-diverse-canadian-families/)

Nicole Goodman,  
Assistant Professor,  
Political Science



## CANADA RESEARCH CHAIRS AT BROCK APRIL 2020

- JULIA BAIRD, Human Dimensions of Water Resources and Water Resilience
- KAREN CAMPBELL, Cognitive Neuroscience of Aging
- VINCENZO DE LUCA, Plant Biotechnology
- ANDREA DOUCET, Gender, Work, Care and Community
- MICHAEL HOLMES, Neuromuscular Mechanics and Ergonomics
- TOMÁŠ HUDLICKÝ, Biocatalysis
- WENDY WARD, Bone and Muscle Development



# Excellence in staff



## President’s Distinguished Staff Award

The President’s Distinguished Staff Award recognizes individuals who have consistently provided outstanding contributions to the working environment at Brock University at a level significantly beyond normal expectations.

- Elaine Aldridge-Low, Centre for Canadian Studies
- Sandy Howe, Co-op, Career and Experiential Education
- Sandra Wong, Aboriginal Student Supports
- Ryan Yungblut, Facilities-Ground Service

## Human Resources Distinguished Staff Service Award for Leadership

- Bryan Cober, Manager, Structural Services

## 25 years of service to Brock

- Maureen McCart, Library Assistant, Collections Services
- John Kizera, Inventory Facilitator, Customer Service, Campus Store
- Virginia Wagg, Administrative Co-ordinator, Geography
- Barbara Sullivan, Accounting Assistant, Financial Services

- Mary Feast, Cleaner, Custodial and Grounds Services
- Maureen Reedyk, Professor, Physics
- Susan Spearey, Associate Professor, English Language and Literature
- Helen Lapp, Cleaner, Custodial and Grounds Services

## 35 years of service to Brock

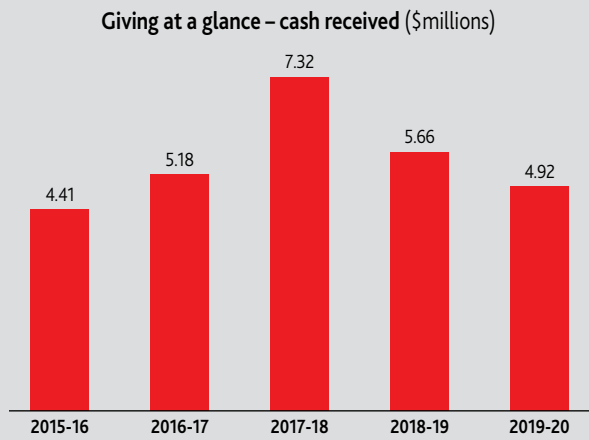
- Joanne Boekestyn, Administrative Co-ordinator, Psychology
- Jan Milligan, Circulation/Reference Assistant, Access Services
- Karen McAllister-Kenny, Director, Recreation and Youth Programs
- Fereidoon Razavi, Professor, Physics
- John Ciolfi, Sr. Lab Demonstrator/TA Co-ordinator, Biological Sciences
- Maureen Donnelly, Associate Professor, Accounting
- Murray Miles, Professor, Philosophy

[brocku.ca/brock-news/2019/12/employees-honoured-at-annual-presidents-holiday-celebration/](http://brocku.ca/brock-news/2019/12/employees-honoured-at-annual-presidents-holiday-celebration/)





Figure 30



Note: Figures provided by Development & Donor Relations. Figures will differ from the Financial Statements as they represent cash collected, not revenue recognized. The figures will also differ from those reported in Figure 25 of this report due to the source of the donation. For example, these figures also include donations to be directly provided to specific students.

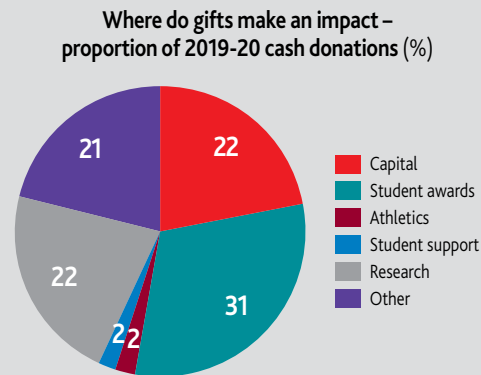
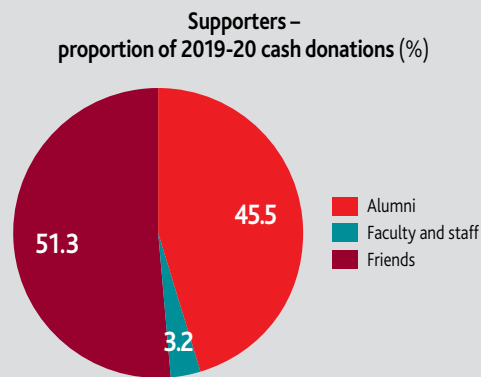
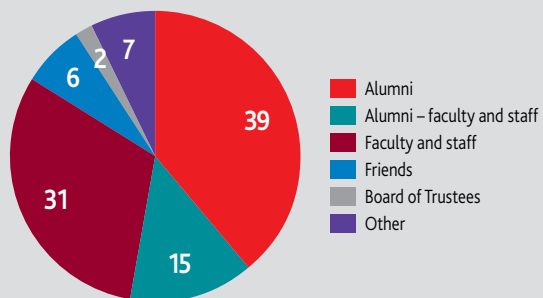


Figure 31: Donations by constituency – COVID-19 emergency bursaries (%)



# Donor engagement

## Gifts

Gifts were made in honour or in tribute of the following individuals in 2019-20:

- Jill Grose
- Rodney Craig
- Ernesto Natale
- Beth Natale
- Dorothy Krynicki
- Klaire Elyse
- Gordon McInnis
- Robert Neff
- Martin Robbins
- Sarah Morrison
- John Chilvers
- John Mayer de Berncastle
- Regis and May Woodward
- Mohan Manocha
- Moreen Kaduk
- Paul Miller
- Nancy Gordon
- Lewis Soroka
- Merle S. Richards
- Howard Terry
- Isobel Stewart

Thank you to all donors for their support in 2019-20. For a list of donors of \$100 or more, please visit [brocku.ca/alumni/finance-report/](https://brocku.ca/alumni/finance-report/)

## Supporting students in times of crisis

As we navigated through unprecedented territory and sought opportunities to best support our students, Brock donors responded in significant ways to help ease immediate financial concerns.

With the COVID-19 pandemic, hundreds of donors answered a call to help by supporting the Undergraduate and Graduate Student COVID-19 Emergency bursaries. These funds were initiated with contributions from the Office of the President, Office of the Provost and Office of the Vice-President Research. Alumni, faculty, staff, trustees and other donors contributed more than \$50,000 in support of these bursaries. Almost one-third of these donors had not previously made a gift to Brock.

In addition, dozens of generous donors provided \$9,461 to support the Student Emergency Fund which provides aid to Brock students throughout the year.

**Undergraduate student recipient:** “COVID-19 affected us unexpectedly in many ways. In my case, unfortunately I lost my job and faced many difficulties in paying my lease, insurance and credit card. Fortunately, Brock University launched the COVID-19 response benefit. Being able to receive this money has been a great relief to me and many students.”

## Faculty and staff making a difference

We are grateful for the support of our donors, especially our faculty and staff, many of whom support our institution each year and put our students first. More than 60 faculty and staff have been giving for at least five consecutive years.

The Department of Biological Sciences have been supporting the Department of Biological Sciences Book Prize since it was established in 1998. In 2019-20, 13 faculty and staff from the department supported this prize.

**Murray Kropf, Department of Visual Arts:** “When I started teaching about thirty-five years ago, the department faculty and staff made donations to a fund to help students needing food, rent or other support at a time when scholarships and bursaries were extremely limited to non-existent.

I have learned that even a small monthly donation can make a difference. As the years have passed, I have tried to give what I could to help students who are in need and to encourage those who excel.

I do what I can in support of students and to honour the fact that I am very fortunate to work with creative and supportive colleagues, and curious and enthusiastic students, while doing what I love for all these years at Brock University.”



## 50 years of service

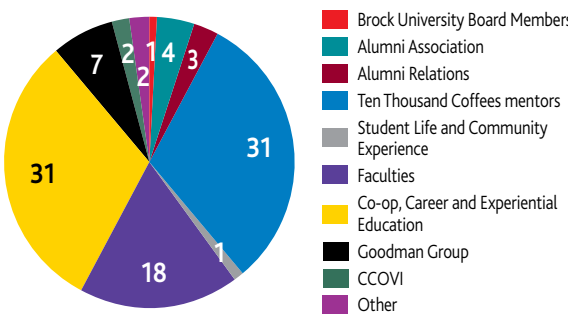
Joseph Kushner, Professor in the Department of Economics, commemorated his 50 years of service to Brock University with a donation of \$50,000. A portion of the gift was used to establish the Distinguished Graduating Student Award, Bachelor of Business Economics (BBE), and another portion was used to top up the Anne and Nicholas Kushner Bursary, awarded to a first-year student from northern Ontario.

## Brock volunteer hours

Brock University's renowned student experience and vibrant culture relies on the continuous support of our dedicated donors and volunteers. During the 2019-20 academic year, more than 800 volunteer hours were donated across the University by Brock faculty, staff and alumni, community partners, including Ten Thousand Coffees mentors and Brock University Board members.

We thank all of our volunteers for their invaluable contributions and commitment to enhancing the student experience and programming at Brock University.

Figure 32: 2019-20 volunteer hours (%)





# 2019 TO 2020

It is exciting to review some of the accomplishments of the past year and showcase what the budget supports. This timeline represents a reflection of excellence in people, their accomplishments and other significant events at Brock – it exemplifies what makes Brock great. Many of the stories are taken from the Brock News as well as from a University-wide call. We encourage anyone who has a story they think would be relevant for next year's timeline to submit it to [annualreport@brocku.ca](mailto:annualreport@brocku.ca). In addition to the events described in the timeline, many of the ongoing awards received by students, alumni, faculty and staff, as well as Brock Sports achievements, student experiences, research accomplishments, community engagement events and Alumni successes, are highlighted in this report.

## INSTITUTIONAL STRATEGIC PLAN ICONS



2019

May

Associate Vice-President of Information Technology Services David Cullum won an award for leadership from The Ontario Research and Innovation Optical Network, as a result of Brock's involvement in a two-year pilot project around network security.  
[brocku.ca/brock-news/2019/05/david-cullum-wins-innovation-leadership-award/](https://brocku.ca/brock-news/2019/05/david-cullum-wins-innovation-leadership-award/)

President Gervan Fearon, left, met with the Governor General of Antigua, Sir Rodney Williams, on May 14 to discuss the development of the Institute for Canada-Caribbean Studies.  
[brocku.ca/brock-news/2019/05/brocks-institute-for-canada-caribbean-studies-builds-momentum/](https://brocku.ca/brock-news/2019/05/brocks-institute-for-canada-caribbean-studies-builds-momentum/)

On May 16, President Gervan Fearon, along with Vice-President, Research Tim Kenyon and Leela MadhavaRau, Director of Brock's Office of Human Rights and Equity, signed the new Dimensions: Equity, Diversity and Inclusion Canada charter.  
[brocku.ca/brock-news/2019/05/brock-endorses-new-equity-diversity-and-inclusion-charter/](https://brocku.ca/brock-news/2019/05/brock-endorses-new-equity-diversity-and-inclusion-charter/)

June

NHL legend Reggie Leach was awarded an honorary degree from Brock University and delivered the address at Spring Convocation on June 10.  
[brocku.ca/brock-news/2019/06/it-makes-my-heart-happy-says-stanley-cup-winner-reggie-leach-while-receiving-honorary-degree/](https://brocku.ca/brock-news/2019/06/it-makes-my-heart-happy-says-stanley-cup-winner-reggie-leach-while-receiving-honorary-degree/)

For the third year, four Weengushk Film Institute students – three in Film Production and one in Television Production – received their certificates during the Brock University Faculty of Social Sciences Convocation ceremony, on June 11.  
[brocku.ca/brock-news/2019/06/cheechoo-proud-as-four-weengushk-students-convocate/](https://brocku.ca/brock-news/2019/06/cheechoo-proud-as-four-weengushk-students-convocate/)

On June 21, The Two Row Wampum flag flew proudly in front of Schmon Tower at Brock University, in celebration of National Indigenous Peoples Day.  
[brocku.ca/brock-news/2019/06/brock-recognizes-national-indigenous-peoples-day/](https://brocku.ca/brock-news/2019/06/brock-recognizes-national-indigenous-peoples-day/)

July

On July 1, Amos Key, Jr. started his role as Brock University's first Vice-Provost, Indigenous.  
[brocku.ca/brock-news/2019/07/amos-key-jr-aims-to-bring-indigenety-to-brock/](https://brocku.ca/brock-news/2019/07/amos-key-jr-aims-to-bring-indigenety-to-brock/)

Cheryl McCormick, Associate Dean of Mathematics and Science, was named editor-in-chief the prestigious journal *Hormones and Behavior*, becoming the first Canadian to hold the position.  
[brocku.ca/brock-news/2019/07/brock-prof-first-canadian-named-editor-of-prestigious-journal/](https://brocku.ca/brock-news/2019/07/brock-prof-first-canadian-named-editor-of-prestigious-journal/)

A new Brock administrative structure launched with, Scott Johnstone as Senior Associate Vice-President of Operations, Josh Tonnos as Associate Vice-President, Finance and University designated Chief Financial Officer and Jennifer Guarasci as the Associate Vice-President, Human Resources.  
[brocku.ca/brock-news/2019/07/brocks-new-administrative-structure-to-be-launched-this-summer/](https://brocku.ca/brock-news/2019/07/brocks-new-administrative-structure-to-be-launched-this-summer/)

Construction started July 31 on the Zone, which will transform the athletic complex into a state-of-the-art, two-level, 15,500-square-foot complex, up from its current 4,300 square feet.  
[brocku.ca/brock-news/2019/07/zone-construction-set-to-start-wednesday-july-31/](https://brocku.ca/brock-news/2019/07/zone-construction-set-to-start-wednesday-july-31/)

August

Niagara Folk Arts Multicultural Centre Executive Director Emily Kovacs, left, and Brock University President Gervan Fearon, right, signed a Memorandum of Understanding between the two organizations Aug. 13, based on a mutual goal of helping newcomers to Canada.  
[brocku.ca/brock-news/2019/08/brock-university-niagara-folk-arts-partner-to-help-newcomers/](https://brocku.ca/brock-news/2019/08/brock-university-niagara-folk-arts-partner-to-help-newcomers/)

Federal Minister of Immigration, Refugees and Citizenship, Hon. Ahmed Hussen, hosted a roundtable Aug. 15 with a handful of students and staff from Brock International.  
[brocku.ca/brock-news/2019/08/federal-minister-hosts-roundtable-with-brock-international/](https://brocku.ca/brock-news/2019/08/federal-minister-hosts-roundtable-with-brock-international/)

14 instructors and faculty members participated in the inaugural Experiential Education (EE) Institute event on Aug. 19 and 22.  
[brocku.ca/brock-news/2019/08/event-opens-educators-eyes-to-experiential-options/](https://brocku.ca/brock-news/2019/08/event-opens-educators-eyes-to-experiential-options/)

CPA Ontario invested in the success of Brock's Goodman School of Business with a gift of \$250,000.  
[brocku.ca/brock-news/2019/08/cpa-ontario-invests-in-the-success-of-brocks-goodman-school-of-business/](https://brocku.ca/brock-news/2019/08/cpa-ontario-invests-in-the-success-of-brocks-goodman-school-of-business/)

September



More than 2,000 first-year Badgers attended the New Student Welcome on Sept. 3.  
[brocku.ca/brock-news/2019/09/record-number-of-first-year-badgers-take-in-new-student-welcome/](https://brocku.ca/brock-news/2019/09/record-number-of-first-year-badgers-take-in-new-student-welcome/)

On Sept. 4, Karen Dancy, Brock International Recruitment Officer, and Jabulani Chipembere from Costa Rica (left) were reunited during Brock International's Open House. That week, the University welcomed nearly 900 new international students from 105 countries to campus.  
[brocku.ca/brock-news/2019/09/record-number-of-international-students-choose-brock/](https://brocku.ca/brock-news/2019/09/record-number-of-international-students-choose-brock/)

More than 4,750 people attended the 21st annual Steel Blade Classic hockey game at the Meridian Centre in St. Catharines on Sept. 13.  
[brocku.ca/brock-news/2019/09/sold-out-show-as-brock-badgers-bitten-by-guelph-gryphons/](https://brocku.ca/brock-news/2019/09/sold-out-show-as-brock-badgers-bitten-by-guelph-gryphons/)

October



A large crowd was on hand Oct. 4 for a celebration to mark the 250th birthday of Maj.-Gen. Sir Isaac Brock.  
[brocku.ca/brock-news/2019/10/brock-celebrates-namesakes-250th-birthday/](https://brocku.ca/brock-news/2019/10/brock-celebrates-namesakes-250th-birthday/)



Dawn Zinga was appointed Acting Vice-President, Research.

The Re-imagining Health Symposium, a first-of-its kind event, was held at Brock University, bringing together health-focused researchers, practitioners, educators, health industry leaders and policy makers to discuss the future of health care.  
[brocku.ca/brock-news/2019/10/brock-to-host-re-imagining-health-symposium/](https://brocku.ca/brock-news/2019/10/brock-to-host-re-imagining-health-symposium/)

On Oct. 17, Cara Krezek, Brock's Director of Co-op, Career and Experiential Education, became the national president of Co-operative Education and Work-Integrated Learning Canada.  
[brocku.ca/brock-news/2019/10/ccee-director-to-bring-brock-experience-to-national-role/](https://brocku.ca/brock-news/2019/10/ccee-director-to-bring-brock-experience-to-national-role/)

January



The JDC Central competition, one of the largest business school competitions in Canada, was hosted for the first time at Brock University from Jan. 3 to Jan. 5, with about 550 students from 11 universities across Ontario, Québec and Nova Scotia.  
[brocku.ca/brock-news/2020/01/top-business-competition-comes-to-brock/](https://brocku.ca/brock-news/2020/01/top-business-competition-comes-to-brock/)

On Jan. 8, McMaster University and Brock University renewed their health sciences collaboration for five more years.  
[brocku.ca/brock-news/2020/01/brock-and-mcmaster-renew-health-sciences-collaboration/](https://brocku.ca/brock-news/2020/01/brock-and-mcmaster-renew-health-sciences-collaboration/)

Associate Professor of Labour Studies Kendra Coulter appeared on TVO's The Agenda with Steve Paikin to discuss the implementation of Ontario's Provincial Animal Welfare Services Act.  
[brocku.ca/brock-news/2020/01/brock-media-clips-for-friday-jan-24/](https://brocku.ca/brock-news/2020/01/brock-media-clips-for-friday-jan-24/)

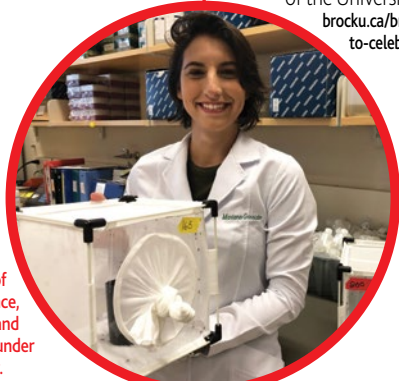
The University's annual Brock Pride Week took place Jan. 18 to 28, including activities to help educate, inform and entertain the LGBTQ2+ community and its allies. The 10-day event takes place in January, when more students are on campus than the June Global Pride Week.  
[brocku.ca/brock-news/2020/01/brock-pride-week-to-host-10-days-of-celebrations/](https://brocku.ca/brock-news/2020/01/brock-pride-week-to-host-10-days-of-celebrations/)



Mariana Garrido, a PhD student in the Faculty of Mathematics and Science, researches mosquitoes and vector-borne diseases under Professor Fiona Hunter.

February

The International Day of Women and Girls in Science event took place at Brock University on Feb. 11, recognizing the work of the University's female scientists.  
[brocku.ca/brock-news/2020/02/brock-to-celebrate-women-in-science/](https://brocku.ca/brock-news/2020/02/brock-to-celebrate-women-in-science/)



One of Brock University's most prolific figures, Arnie Lowenberger, for whom the University's Arnie Lowenberger Residence is named after, passed away on Feb. 13.  
[brocku.ca/brock-news/2020/02/iconic-brock-figure-arnie-lowenberger-mourned-by-university/](https://brocku.ca/brock-news/2020/02/iconic-brock-figure-arnie-lowenberger-mourned-by-university/)

Suzanne Lea Curtin was appointed Brock University's new Dean of the Faculty of Graduate Studies. She will be coming from the University of Calgary to start July 1, 2020.  
[brocku.ca/brock-news/2020/02/university-announces-its-new-dean-of-graduate-studies/](https://brocku.ca/brock-news/2020/02/university-announces-its-new-dean-of-graduate-studies/)



Nearly 50 Brock students played Dungeons & Dragons for 24 hours from Feb. 14 to 15 and raised more than \$7,000 for McMaster Children's Hospital.  
[brocku.ca/brock-news/2020/02/brock-students-game-for-a-cause/](https://brocku.ca/brock-news/2020/02/brock-students-game-for-a-cause/)

Goodman School of Business Dean Andrew Gaudes, at NEOMA Business School in Reims, France.

Andrew Gaudes, the Goodman School of Business Dean, was appointed as the President of the International Partnership of Business Schools (IPBS).  
[brocku.ca/brock-news/2019/11/goodman-dean-appointed-president-of-global-network/](https://brocku.ca/brock-news/2019/11/goodman-dean-appointed-president-of-global-network/)

On Nov. 18 and 19, Town Halls meetings recounted how Brock maintained balance in the first year of the tuition cut. 300 faculty and staff attended.  
[brocku.ca/brock-news/2019/11/town-halls-recount-how-brock-maintained-balance-in-first-year-of-tuition-cut/](https://brocku.ca/brock-news/2019/11/town-halls-recount-how-brock-maintained-balance-in-first-year-of-tuition-cut/)

March



It was a packed house as Brock University officially opened the Brock LINC on Feb. 21. The innovation, entrepreneurship and collaboration hub is housed within the Rankin Family Pavilion at the base of Schmon Tower.  
[brocku.ca/brock-news/2020/02/brock-linc-opening-signals-new-era-of-community-engagement-for-brockuniversity/](https://brocku.ca/brock-news/2020/02/brock-linc-opening-signals-new-era-of-community-engagement-for-brockuniversity/)

On March 17, due to the COVID-19 pandemic, the Government of Ontario declared a state of emergency. The University transitioned to a modified operational model, suspending face-to-face classes, with alternative forms of delivery in a virtual environment for the remainder of the academic term. Significant parts of the University began to work from remote locations and most students were required to move out of their residence rooms.  
[brocku.ca/brock-news/2020/03/brock-suspending-face-to-face-classes-and-moving-toward-alternative-forms-of-delivery/](https://brocku.ca/brock-news/2020/03/brock-suspending-face-to-face-classes-and-moving-toward-alternative-forms-of-delivery/)

April

Outstanding students and community members received virtual honours. Fourth-year Bachelor of Business Administration student Clare Obi, below, received a Student Life Engagement Award for her volunteer efforts with several initiatives, including Days for Girls, helping young women and girls around the world.  
[brocku.ca/brock-news/2020/04/outstanding-students-and-community-members-receive-virtual-honours/](https://brocku.ca/brock-news/2020/04/outstanding-students-and-community-members-receive-virtual-honours/)



In recognition of the significant impact COVID-19 pandemic may have on students' financial situations, the University created the COVID-19 Undergraduate Student Emergency Bursary and the COVID-19 Graduate Student Emergency Bursary.  
[brocku.ca/brock-news/2020/04/brock-launches-covid-19-student-emergency-bursaries/](https://brocku.ca/brock-news/2020/04/brock-launches-covid-19-student-emergency-bursaries/)

More than 200 researchers and scholars from all of Brock University's Faculties, who received funded and non-funded awards over the past year, were honoured on Nov. 26 at the annual Brock Research Celebration, held to commemorate their work.  
[brocku.ca/brock-news/2019/12/researchers-and-scholars-feted-at-annual-research-celebration/](https://brocku.ca/brock-news/2019/12/researchers-and-scholars-feted-at-annual-research-celebration/)

Assistant Professor Robyn Bourgeois (right), this year's Accessibility and Inclusion Recognition Award recipient, is joined by Mary Ann Tierney, Transition Program Co-ordinator of the Office of Human Rights and Equity Services.  
[brocku.ca/brock-news/2019/12/accessibility-and-inclusion-recognition-award-recipient-named/](https://brocku.ca/brock-news/2019/12/accessibility-and-inclusion-recognition-award-recipient-named/)



December

Dec. 1 was Local Hack Day, hosted by Brock University's Computer Science Club from the Faculty of Mathematics and Science.  
[brocku.ca/brock-news/2019/11/local-hack-day-to-encourage-creativity-and-problem-solving/](https://brocku.ca/brock-news/2019/11/local-hack-day-to-encourage-creativity-and-problem-solving/)



On Dec. 2, Gord Arbeau started the new Brock position of Associate Vice-President, Advancement and External Relations.  
[brocku.ca/brock-news/2019/10/brock-announces-new-app-advancement-and-external-affairs/](https://brocku.ca/brock-news/2019/10/brock-announces-new-app-advancement-and-external-affairs/)



Brock University Students' Union (BUSU) hosted the 50th General Assembly of the Ontario Undergraduate Student Alliance (OUSA) in Brock's Charles A. Sankey Chamber. Below, are the Brock University Students' Union delegates.  
[brocku.ca/brock-news/2019/11/ontario-student-leaders-meeting-held-at-brock/](https://brocku.ca/brock-news/2019/11/ontario-student-leaders-meeting-held-at-brock/)



November



Camille Rutherford became the University's new Vice-Provost, Strategic Partnerships and International, a two-year appointment.  
[brocku.ca/brock-news/2019/10/rutherford-named-as-new-vice-provost-strategic-partnerships-and-international/](https://brocku.ca/brock-news/2019/10/rutherford-named-as-new-vice-provost-strategic-partnerships-and-international/)



Andrew Gaudes, the Goodman School of Business Dean, was appointed as the President of the International Partnership of Business Schools (IPBS).  
[brocku.ca/brock-news/2019/11/goodman-dean-appointed-president-of-global-network/](https://brocku.ca/brock-news/2019/11/goodman-dean-appointed-president-of-global-network/)







Pullout 2/viii

# Our people



## Brock Wellness

Wellness continues to be an integral focus of the Brock community. The importance of wellness initiatives and the focus on well-being influences the overall health of faculty and staff and supports a culture of work-life balance.

In 2018-19, a Workplace Wellness Framework was developed to address employee well-being through a holistic approach, based on the American Substance Abuse and Mental Health Services Administration's eight dimensions of wellness (See Figure 33). Some wellness initiatives include:

- To promote physical activity, challenges have been developed that can be incorporated into the workday (e.g. The Race to the North Pole Challenge).
- To protect against the harm from second-hand smoke and vapour, smoking and vaping of tobacco, nicotine or related products is prohibited except in established outdoor designated smoking areas, and all smoking and vaping of recreational cannabis is completely prohibited.
- To encourage regular activity throughout the day in a sedentary environment, Healthy Meetings Guidelines were developed, which include walking meetings and physical activity breaks.
- To aid in the promotion of work-life balance and provide support for employees in need of assistance, Brock's Employee and Family Assistance Program provides a wide range of confidential and voluntary support services to eligible employees and their dependants. The services are consistent with the holistic approach of the Workplace Wellness Framework.

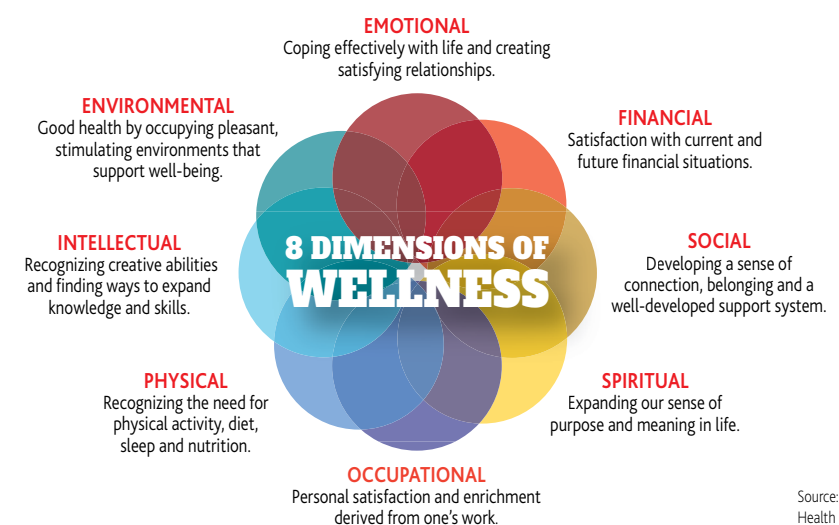
Central to the Workplace Wellness Framework is the Employee Mental Health Strategy, which promotes positive mental health through multiple wellness initiatives by developing resources, education and training to ensure the following objectives are achieved: 1) Raise awareness and promote well-being, 2) Develop personal resilience and self-management, 3) Address gaps by enhancing services, programs and supports through prevention, and 4) Create and sustain a supportive campus environment. A new addition this year has been the launch of the Mental Health Commission of Canada's The Working Mind Training, designed to reduce the stigma around mental health/illness in the workplace by creating a culture that fosters greater awareness and support for mental health related challenges to employees and their supervisors.

One of the most anticipated events of the year is hosted by the Human Resources Department – Employee Wellness Day. The event is dedicated to faculty and staff that make up the Brock community and offers workshops that address the eight dimensions of wellness. It consistently draws a large audience, which is a testament to the continued success of Wellness Day. On this day, the University presents a Health, Safety and Wellness Champion Award, which recognizes Brock faculty and staff, either as individuals or as a department, for championing a culture of health, safety and wellness.

In the last six to eight weeks of this fiscal year, the focus has shifted to ensuring that supports and resources were available to staff and faculty as they relate to this unprecedented pandemic. Mental health resources will continue to be shared as they evolve based on the changing needs of our Brock community.

Visit [brocku.sharepoint.com/Health-Safety-and-Wellness-Toolbox/SitePages/EFAP.aspx](https://brocku.sharepoint.com/Health-Safety-and-Wellness-Toolbox/SitePages/EFAP.aspx), for wellness initiatives.

Figure 33



Source: American Substance Abuse and Mental Health Services Administration





Developing a People Strategy

In November 2018, the Board of Trustees approved Brock’s Institutional Strategic Plan. Recognizing the importance of the role of faculty and staff in ensuring the overall success of Brock, our University leadership championed the development of a People Strategy. A People Strategy is a relatively new concept in the North American university context, and it focuses on intentionally building a work environment and organizational culture, through the development of aligned human resources and leadership practices, that supports faculty and staff in the delivery of programs and services, as well as the mandate of the University and the Institutional Strategic Plan.

To develop a People Strategy that is effective and impactful, several elements are required. First, it requires an understanding of the shape and path of the post-secondary sector. To that end, a thorough environmental scan was conducted, looking at labour markets, university trends and general employment trends. Second, and most importantly, it requires an understanding of the current state of the University. To that end, staff conducted an extensive analysis of people-related data and systems and have been conducting a series of focus groups with staff, faculty and University leadership.

Further consultation opportunities are planned in order to gather the knowledge required to develop a People Strategy that will result in meaningful improvements to the work environment and culture. Once endorsed or approved by key stakeholders later this year, implementation will follow. The development and implementation of Brock’s first People Strategy is an example of Brock’s commitment to continually improve and excel.

Developing leadership

Brock is an organization with a mandate and mission to help people grow and develop, and that focus applies to our staff and faculty, as well as our students. The Human Resources Department is committed to continually looking for new and better ways to develop the technical and leadership skills of our faculty and staff.

This past year, Human Resources created a new Learning Advisory Committee, bringing partners from across the University together to discuss how best to collaborate and co-ordinate the various training and learning opportunities that occur across the campus. A new learning plan is in

development in order to create a single place where staff and faculty can access development opportunities.

In addition, the department continues to oversee the access to LinkedIn Learning, an internationally known online learning platform. In partnership with eCampus Ontario, all students, staff and faculty at every post-secondary institution in Ontario have been granted access to LinkedIn Learning for a three-year pilot, in order to assess the value of access to this resource. LinkedIn Learning has more than 30,000 videos and courses in a wide range of topics. This resource has meant students, faculty and staff have access to needed learning on-demand. To date, more than 650 staff have accessed training through LinkedIn Learning this past year.

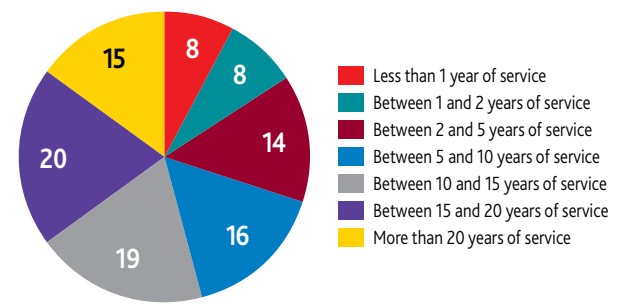
Finally, in addition to already existing leadership training, the Human Resources Department expanded the formal mentorship program for staff and faculty. The program matched mentors and mentees from across the University, building relationships, opportunities for growth and opportunities for collaboration.

Training opportunities are available to staff and faculty via Focus on Learning at [brocku.ca/hr/training/focus/](http://brocku.ca/hr/training/focus/)

Our employees

Our people are the key to Brock’s success. We appreciate all faculty and staff for their dedication, and we will continue to recognize our exceptional Brock team with incentives and initiatives. Figure 34 depicts the long-term service of ongoing staff and faculty at Brock, with more than 50 per cent providing more than 10 years of service, and more than 70 per cent of Brock’s ongoing workforce providing five years of service or more. Currently, there are 260 staff and faculty with 20 years of service or more. Brock works because of the dedication of our people.

Figure 34: Ongoing permanent employees (%)



Source: Workday as of May 19, 2020.

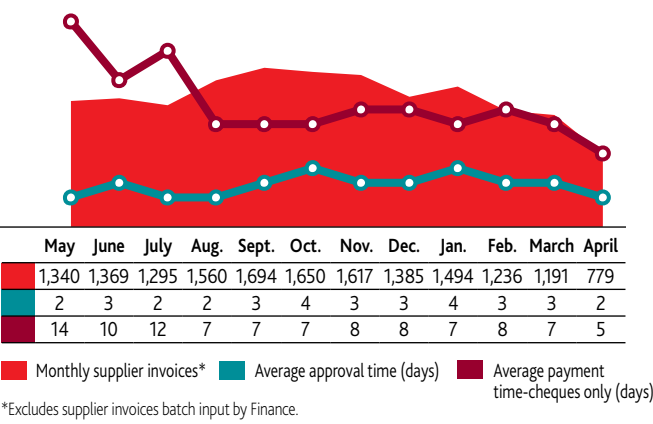
Reviewing the numbers

Financial facts

The implementation of Workday finance has significantly enhanced Brock’s ability to understand and report on the financial transactions of the University. The following Workday facts only scratch the surface of the information now available to users of the University’s financial information.

Tracking transactions and processes

Figure 35: Supplier invoice lifecycle (2019-20)



The average time for an expense report to be fully approved from the day it is submitted is:

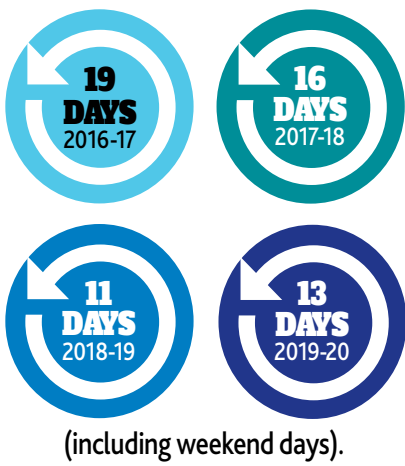
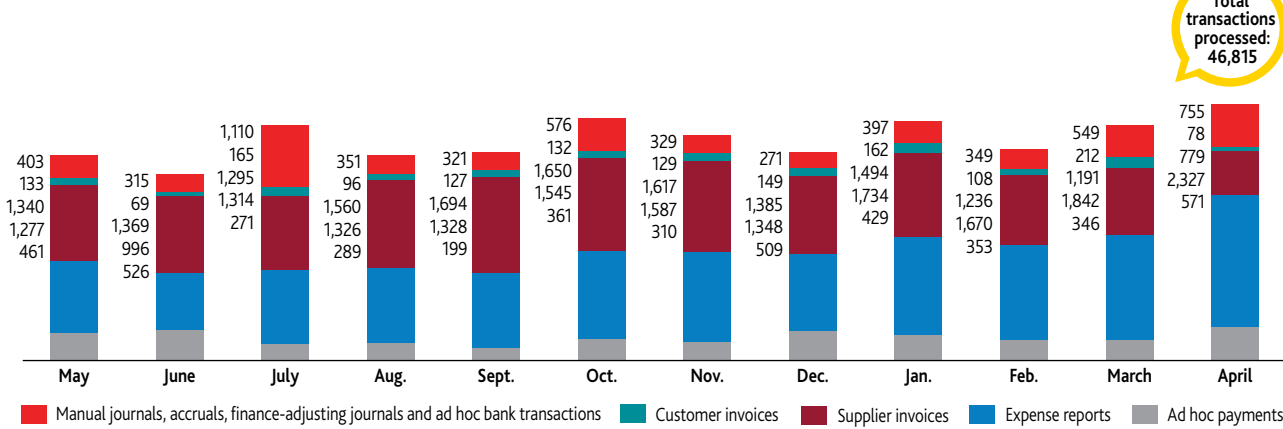


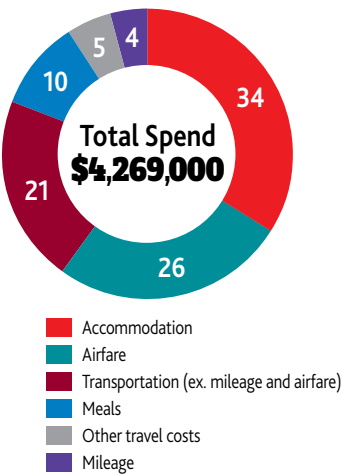
Figure 36: Number of transactions processed in Workday Finance in 2019-20 – by type





Tracking spending type

Figure 37  
2019-20 travel costs by spend type (%)



2019-20 travel costs by funding source (%)

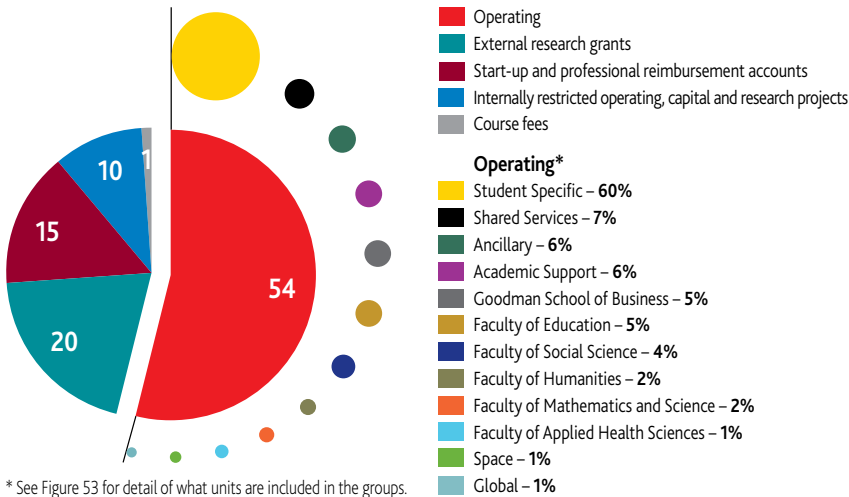
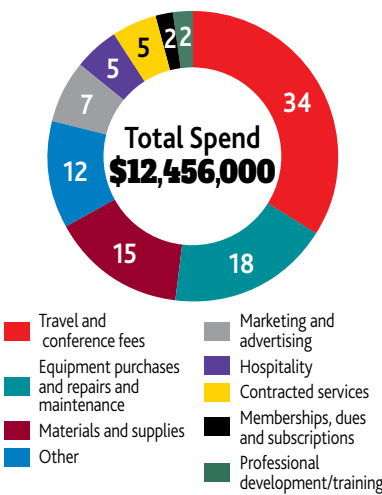


Figure 38  
2019-20 spending on expense reports by type\* (%)



2019-20 spending on expense reports by funding source\* (%)

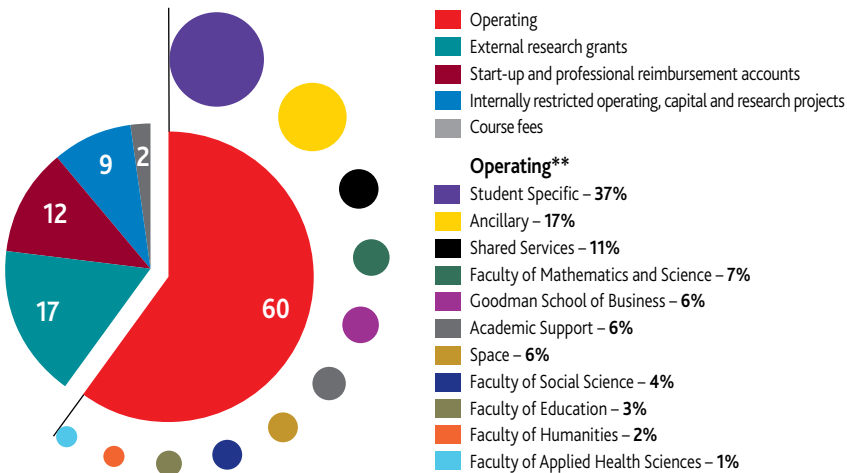
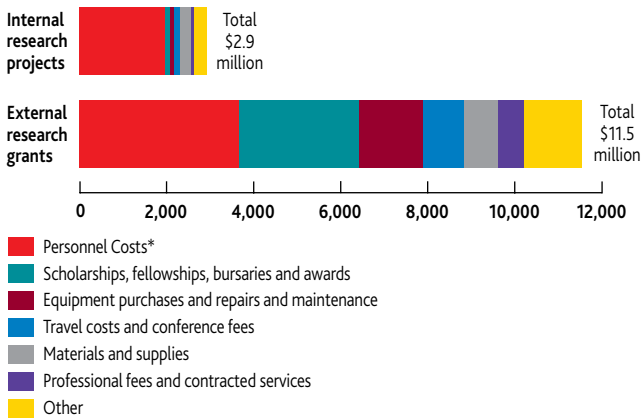


Figure 39: 2019-20 spending on internal research projects and external research grants by type (\$000s)



The following are the average values of transactions for 2019-20:  
Expense reports – **\$851**  
Supplier invoices – **\$9,198**  
Ad hoc payments – **\$640**

Total active purchasing cards as of April 30, 2020 were **946**, with spending on purchasing cards totalling more than **\$18.8 MILLION** in 2019-20.

Tracking suppliers, regional spending and collaborative buying

Figure 40: 2019-20 Lab equipment and supplies purchases by supplier<sup>(1)</sup> (%)

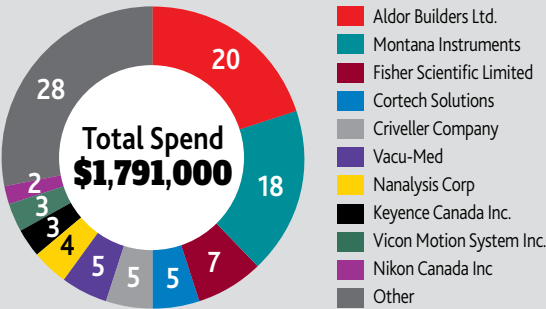
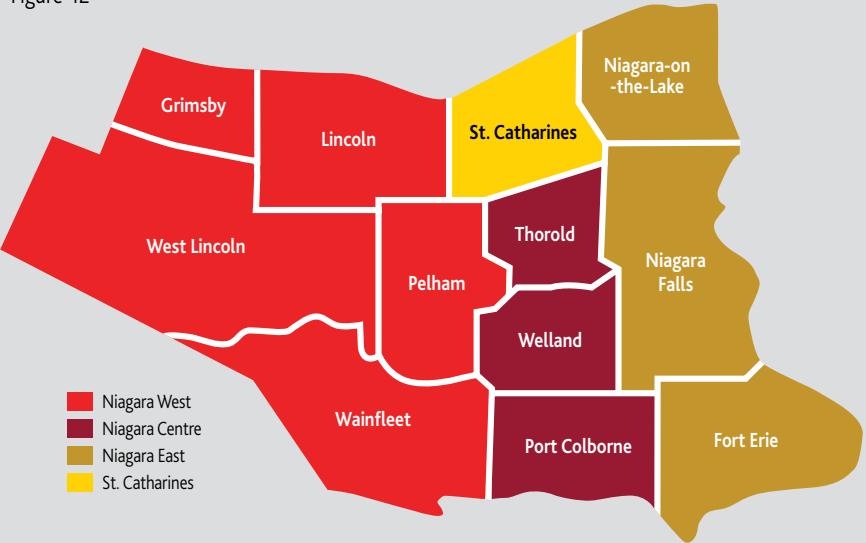


Figure 41: Brock's top suppliers by operating cost amount<sup>(1)</sup>

Supplier	Purchase
City of St. Catharines	Water and taxes
Canadian Research Knowledge Network	Library acquisitions
Brock Plaza Corporation	Residence lease payments
Horizon	Electricity
Council of Ontario Universities	Library acquisitions
WCPT Lofts II Inc.	Residence lease payments
Garda	Security
Ethical Associates Inc.	Professional services
Enbridge	Natural gas
FirstOntario Performing Arts Centre	Facilities rental
Shell Energy North America (Canada) Inc.	Natural gas
CURIE	Insurance
IDP Education Ltd.	Student recruitment
EDF Trading North America, LLC	Natural gas
Niagara College	Shared programs

Figure 42



Total spending<sup>(2)</sup> to **NIAGARA** region suppliers for 2019-20 was more than **\$34 million** to more than **470** suppliers. The average spend per supplier was more than **\$69,000**.

(2) Included in spending amount are payments to suppliers relating to funds collected by Brock University on the supplier's behalf.

Figure 43

Top Niagara region suppliers by spend amount<sup>(2)</sup>:

- BUSU Inc
- Rankin Construction Inc.
- City of St. Catharines
- Merit Contractors Niagara
- Horizon
- Stolk Construction Limited
- Enbridge
- FirstOntario Performing Arts Centre
- Niagara College
- Aldor Builders Ltd.



Total collaborative buying in 2019-20 was **\$8.1 MILLION** through the following collaborative organizations:  
OECM – Ontario Educational Cooperative Marketplace  
NPPC – Niagara Public Procurement Committee  
CAUBO – Canadian Association of University Business Officers  
MGS – Ontario Ministry of Government Services  
OUPMA – Ontario University Procurement Management Association  
CRC – Campus Retail Canada  
OCUL – Ontario Council of University Libraries  
CRKN – Canadian Research Knowledge Network



Overview

It's always great to see the engagement of the University, as well as the excellence in students, alumni, faculty and staff, and their accomplishments. These activities are supported by the resource allocations of the University. The following sections provide a closer look at the financial activity of the University. Figure 44 illustrates the financial results of the University compared to the budget and prior-year actual. The information is presented on a funding basis, which represents the commitment of cash and the audited Financial Statements prepared in accordance with accounting standards for not-for-profits (NFPS). A reconciliation between the two presentations can be found starting on page 60, with commentary on the funding actual results starting on page 49, and commentary for the NFPS actual results on page 64.

Figure 44

(\$000s)	Funding		NFPS		Funding	NFPS
	2019-20 Actual	2019-20 Budget	2019-20 Actual	2019-20 Budget	2018-19 Actual	2018-19 Actual
Revenue						
Student fees	185,078	181,566	185,818	181,566	178,067	178,739
Grant revenue	96,788	97,936	95,344	96,175	97,927	96,442
Internal chargebacks	8,484	8,528			10,055	
Inter-fund revenue	4,920	4,924			6,712	
Research revenue			11,715	11,261		14,592
Other revenue	51,707	51,492	65,361	64,266	51,333	64,144
Total revenues	346,977	344,446	358,238	353,268	344,094	353,917
Operating costs						
Personnel costs	(220,419)	(229,302)	(227,265)	(231,042)	(212,647)	(220,714)
Inter-fund expenses	(25,900)	(24,581)			(29,950)	
Other operating costs	(93,000)	(95,288)	(119,068)	(122,567)	(94,993)	(117,284)
Total operating costs	(339,319)	(349,171)	(346,333)	(353,609)	(337,590)	(337,998)
Mitigation target		4,725				
Funding surplus (before discretionary appropriations)	7,658	-	11,905	(341)	6,504	15,919
Discretionary appropriations	(7,650)				(6,475)	
Funding surplus (after discretionary appropriations)	8	-	11,905	(341)	29	15,919



Financial results – funding basis

The following section explains the 2019-20 results on a funding basis, not to be confused with the audited Financial Statements, which are prepared in accordance with accounting standards for not-for-profits (Part III of the CPA Handbook NFPS). The funding basis represents committed cash. A positive balance, or funding surplus, represents uncommitted cash, and a negative balance, or funding deficit, represents overcommitted cash.

The 2019-20 fiscal year marks the sixth straight year of funding surplus results. The actual funding surplus for 2019-20 of \$7.7 million is before year-end discretionary appropriations for reinvestment in the University. In 2019-20 these internally restricted transfers funded the strategic initiative fund and contingency reserve. Further details of these discretionary appropriations are provided on page 55.

When the 2019-20 funding budget was originally established, we estimated a balanced funding budget, after a \$4.7-million mitigation target. To the whole University community, congratulations and thank you for your commitment to exceeding this budget for yet another successful year. Our Institutional Strategic Plan has guided us toward the success behind these numbers. This financial

reporting section is just one of many ways the University reports and celebrates Brock's contributions to society. We hope you find the following analysis relevant and useful and thank everyone for contributing to the stories behind Brock's strong fiscal results in 2019-20.

Review of overall revenue

Actual revenue for 2019-20 showed positive results, exceeding budget by \$2.5 million. Student fees surpassed budget by \$3.5 million offset by lower grant revenue of \$1.1 million as compared to budget. Other revenue, internal chargeback revenue and inter-fund revenue were relatively consistent with budget.

Tuition and enrolment

As mentioned previously, the student fee revenue budget of more than \$181 million was achieved and exceeded by \$3.5 million or 1.9 per cent. The 2019-20 results are even more impressive as compared to 2018-19, with growth of \$7.0 million, even after a provincial government mandated 10 per cent cut to regulated tuition rates. Figure 45 details tuition revenue and other student fee revenue separated by where tuition is reported, with the majority of tuition reported in University Global and the remainder reported in other departments detailed by program.

Figure 45: Student fees by reporting unit

(\$000s)	2019-20 Actual	2019-20 Budget	2018-19 Actual	Listed below
Total tuition revenue in University Global	155,253	152,408	151,589	(1)
Tuition revenue budgeted in respective departments				
Professional Master's Preparation Certificate (Business) (PMPC)	601	795	740	(2)
International Master of Business Administration (IMBA)	10,598	9,436	8,303	(2)
International Master of Professional Accounting (IMPAcc)	1,404	2,050	1,573	(2)
Master's Preparation Certificate in Education (MPCE)	297	462	546	(3)
International Master of Education (MEd)	1,592	1,706	1,205	(3)
Master of Arts in Applied Linguistics (MA LING)			25	(4)
International Master of Science in Materials Physics (MSc)	298	265	170	(6)
Total international student programs (ISP)s	14,790	14,714	12,562	
Continuing Teacher Education – Additional Qualifications (AQ)	653	689	668	(3)
Adult Education	709	867	833	(3)
Indigenous Education Programs	35	189	25	(3)
Intensive and Short-term English Language Program (IELP & SELP)	4,426	4,527	4,225	(5)
Total other self-funded programs	5,823	6,272	5,751	
Tuition revenue in respective departments	20,613	20,986	18,313	
Total tuition revenue	175,866	173,394	169,902	
Fee revenue	9,212	8,172	8,165	
Total student fees	185,078	181,566	178,067	

Departments the tuition revenue is reported in: (1) University Global; (2) Goodman School of Business; (3) Faculty of Education; (4) Faculty of Social Sciences; (5) Brock International; (6) Faculty of Mathematics and Science



International student programs’ (ISP) tuition and other self-funded programs recorded marginally lower-than-budgeted tuition of \$0.4 million. Lower revenue in programs such as the Goodman School of Business’ IMPAcc and PMPC programs and the Faculty of Education’s MPCE, MEd, Adult Education and Indigenous Education programs; were offset by revenue targets exceeding budget in the Goodman School of Business IMBA program of almost \$1.2 million.

Global tuition exceeded budget by \$2.8 million, even with the 2019-20 budget including an incremental enrolment target of \$1.6 million. The positive results were driven by strong enrolment growth. As detailed in Figure 46, all-in student headcount, which includes all undergraduate and graduate students, including letters of permission, non-degree students, additional qualifications, certificates and ISP programs, beat 2018-19 enrolment by 684 students, or 3.6 per cent, with positive results experienced in undergraduate and graduate levels and across both domestic and international cohorts. The strongest results as compared to last year were experienced in undergraduate students, with domestic experiencing growth of 256 students or 1.6 per cent and international experiencing growth of 247 students or 15.7 per cent. Headcount by Faculty is shown in Figure 12 in ‘The big picture’ pull-out. As compared to 2018-19, the Faculty of Mathematics and Science and the Faculty of Social Sciences saw the largest growth, with 244 and 202 additional students, respectively.

Figure 46: All-in student enrolment by type

Type	2019-20 Actual		2019-20 Budget	2018-19 Actual		2017-18 Actual	
	Headcount <sup>(1)</sup>	FTE <sup>(2)</sup>		Headcount <sup>(1)</sup>	FTE <sup>(2)</sup>	Headcount <sup>(1)</sup>	FTE <sup>(2)</sup>
Undergraduate – domestic	15,970		16,567	15,714		15,669	
Undergraduate – international	1,819		1,796	1,572		1,386	
Total undergraduate	17,789	17,099	18,363	17,286	16,409	17,055	16,275
Graduate – domestic	1,235		1,310	1,162		1,133	
Graduate – international	772		726	664		644	
Total graduate	2,007	1,783	2,036	1,826	1,614	1,777	1,566
Total	19,796	18,882	20,399	19,112	18,023	18,832	17,841

(1) Represents Fall student headcount full-time (FT) and part-time (PT). For a definition refer to pg 88 of the 2020-21 Budget Report.  
(2) Represents full-time equivalent (FTE) students. For a definition, refer to pg 88 of the 2020-21 Budget Report.

By session, overall global tuition was split 12.2 per cent from the Spring/Summer sessions and the remaining 87.8 per cent from Fall/Winter, as shown in Figure 47. Figure 48 details global tuition by Faculty of major as compared to budget and prior year. International tuition was higher than budget by \$6.9 million, driven both by undergraduate, especially in the Faculty of Social Sciences and the Faculty of Mathematics and Science, and graduate, which was driven by the Goodman School of Business.

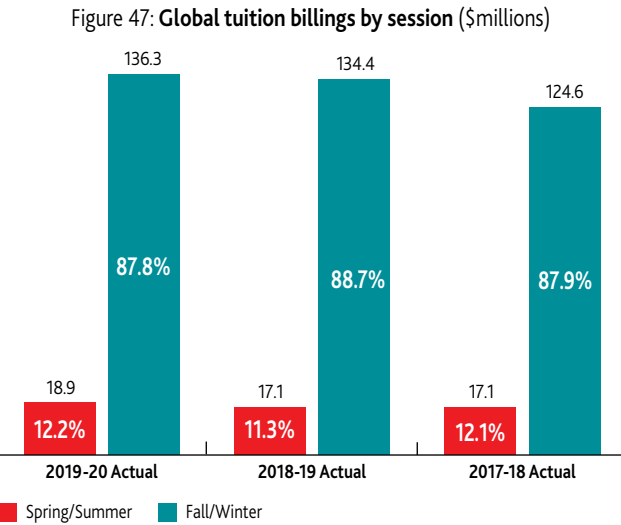


Figure 48: Tuition revenue budgeted in University Global <sup>(1)</sup>

(\$000s)	2019-20 Actual	2019-20 Budget	2018-19 Actual
<b>Undergraduate – domestic</b>			
Faculty of Applied Health Sciences	23,322	24,872	25,786
Goodman School of Business	19,718	19,979	21,590
Faculty of Education	6,451	6,572	6,464
Faculty of Humanities	10,177	9,903	10,127
Faculty of Mathematics and Science	12,371	12,104	12,569
Faculty of Social Sciences	27,494	28,180	29,561
Other <sup>(2)</sup>	157	268	269
Total undergraduate – domestic	99,690	101,878	106,366
<b>Graduate – domestic</b>			
Faculty of Applied Health Sciences	1,823	1,606	1,645
Goodman School of Business	1,154	1,270	1,173
Faculty of Education	1,213	1,197	1,239
Faculty of Humanities	375	548	444
Faculty of Mathematics and Science	765	806	986
Faculty of Social Sciences	2,754	2,929	2,686
Total graduate – domestic	8,084	8,356	8,173
Total domestic	107,774	110,234	114,539
<b>Undergraduate – international</b>			
Faculty of Applied Health Sciences	3,588	2,969	2,549
Goodman School of Business	13,619	13,034	11,853
Faculty of Education	123	77	58
Faculty of Humanities	1,633	1,276	1,139
Faculty of Mathematics and Science	9,417	7,718	6,307
Faculty of Social Sciences	14,363	11,929	11,066
Other <sup>(2)</sup>	64	61	59
Total undergraduate – international	42,807	37,064	33,031
<b>Graduate – international</b>			
Faculty of Applied Health Sciences	239	272	234
Goodman School of Business	2,038	836	1,718
Faculty of Education	169	87	108
Faculty of Humanities	196	322	196
Faculty of Mathematics and Science	1,277	1,182	1,226
Faculty of Social Sciences	753	861	537
Total graduate – international	4,672	3,560	4,019
Total international	47,479	40,624	37,050
Additional winter intake (International)	-	1,550	
Total Tuition Revenue University Global	155,253	152,408	151,589

(1) Figures based on the Faculty of major.  
(2) Includes letter of permission, non-degree students and auditors.





Figure 49: Grant revenue

(\$000s)	2019-20 Actual	2019-20 Budget	2018-19 Actual	2017-18 Actual
Operating Grants				
Core Operating Grant	81,743	82,000	81,743	81,743
Differentiation Grant Envelope	6,045	6,421	6,398	4,404
International Student Recovery	(1,705)	(1,400)	(1,452)	(1,319)
Nursing Grant	2,679	2,733	2,770	2,838
Total operating grants	88,762	89,754	89,459	87,666
Specific purpose grants	8,026	8,182	8,468	9,705
Total grant revenue	96,788	97,936	97,927	97,371

Grant revenue

As detailed in Figure 49, in 2019-20, Brock received \$81.7 million related to the Core Operating Grant, which was consistent with 2018-19. The Differentiation Grant Envelope decreased \$0.4 million over 2018-19, mainly as a result of the Ministry of Colleges and Universities (MCU) funding Brock an additional \$0.4 million in 2018-19 related to adjustments to the prior year.

Specific purpose grants were lower than budget by \$0.2 million. The Graduate Enrolment Capital Expansion grant of \$0.75 million was not funded by the MCU in 2019-20, which was communicated after the budget was established. This grant was previously committed to 2031 and was in support of the capital financing for the Cairns building. Offsetting this decline was additional funding of \$0.4 million provided by the MCU for COVID-19 emergency relief.

Other revenue

Total other revenue exceeded budget by \$0.2 million, driven by sales and service revenue exceeding budget by \$2.4 million as well as strong investment income results; offset by lower than forecasted ancillary revenue of \$2.9 million.

The higher sales and services revenue of \$2.4 million compared to budget was driven by a number of factors. Ontario University Application Centre revenue, international student applications fee revenue and student administrative fees were higher than budget by almost \$0.6 million, reflective of Brock’s strong application numbers and a more than nine per cent increase in new first-year students in 2019-20. Higher-than-budgeted revenue was also seen in sale of surplus natural gas and Section 211 rebates.

General investment income beat budget by \$1.1 million, more fully described in the Treasury section of this report. Offsetting this increase was the fact that the budget included investment income related to the sinking fund of \$0.3 million. This revenue was recorded directly in the sinking fund in the actual results.

Residence fees were less than budget by \$2.0 million, mainly resulting from refunds of \$2.1 million related to the COVID-19 pandemic and closing residences March 19, 2020. Parking permit sales were also less than budget due to lost revenue and refunds resulting from COVID-19 of \$0.4 million as well as refunds of \$0.1 million due to the temporary shortage of parking spaces during the Canada Summer Games Park construction.

Figure 50

(\$000s)	2019-20 Actual	2019-20 Budget	2018-19 Actual
Residence fees	17,991	19,947	18,481
Other ancillary revenue	13,949	14,888	14,898
Total ancillary revenue	31,940	34,835	33,379
Investment income <sup>(1)</sup>	2,571	1,832	2,199
Sales and services	17,196	14,825	15,755
Total other revenue	51,707	51,492	51,333

(1) Excluding sinking fund and employee future benefits reserve investment income.



Internal chargebacks and inter-fund revenue

Internal chargeback revenue was consistent with the budget for 2019-20. Inter-fund revenue was also consistent with the budget, including \$0.5 million of funding from the Strategic Initiative Funds, which were established as part of prior year-end discretionary appropriations. These funds were used to support strategic investments and were fully funded from strategic reserves. Decisions were made throughout the year to utilize strategic reserves by investing in priorities outlined in the Institutional Strategic Plan.

Operating costs

Personnel costs

Our people are what make everything possible at Brock University. Figure 51 illustrates the actual 2019-20 personnel costs versus budget by personnel group. Overall personnel costs were under budget by \$8.9 million. The savings were mainly seen in faculty and professional librarians and admin/professional employee groups, as

well as OSSTF. The lower-than-forecasted personnel costs result from savings realized from positions that are budgeted but not filled during the full year and as a result of enhanced hiring and position administration controls.

Non-personnel operating costs

Overall operating costs, excluding inter-fund expenses, were \$2.3 million lower than budget. The following represent the largest variances to budget:

- Purchased services were higher than budget by \$1.1 million, driven by higher-than-budgeted legal and other professional fees as part of the Human Rights and Equity Services unit as well as international recruitment commissions due to our strong growth in international students.
- Utilities costs were lower than budget by almost \$2.0 million, driven by natural gas usage being 16 per cent lower than prior year due to the rebuild of all Cogen engines as part of the District Energy Efficiency Projects.

Figure 51: Personnel costs by group

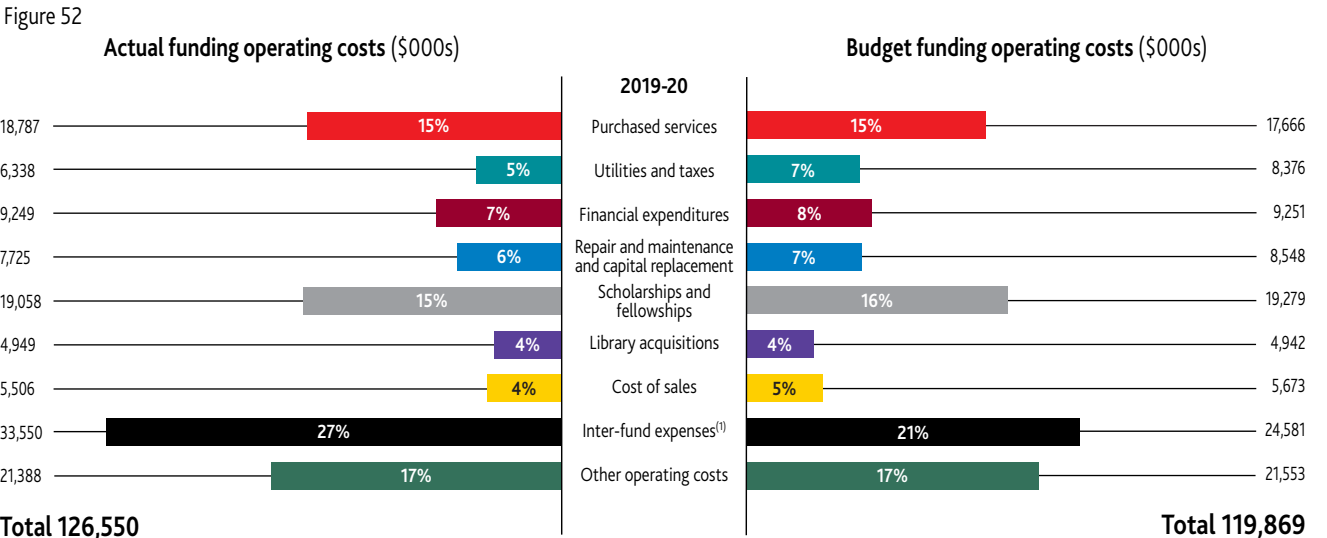
Personnel group <sup>(1)</sup> (\$000s)	2019-20 Actual			2019-20 Budget		
	Salary/wage	Benefits and pension	Total personnel costs	Salary/wage	Benefits and pension	Total personnel costs
Faculty and professional librarians	91,902	18,157	110,059	94,320	20,543	114,863
Admin/professional	43,812	10,740	54,552	45,541	12,134	57,675
CUPE 4207 – Unit 1	14,606	1,534	16,140	14,274	1,564	15,838
OSSTF	7,522	2,269	9,791	7,768	2,453	10,221
CUPE 1295 FT	7,299	2,251	9,550	6,884	2,324	9,208
SAC	5,555	1,077	6,632	5,314	1,160	6,474
Other	12,270	1,425	13,695	13,355	1,668	15,023
Total – funding basis	182,966	37,453	220,419	187,456	41,846	229,302

(1) Faculty and Professional Librarians – BUFA members, Professional Librarians, Associate Deans, Associate Vice-Presidents of Research, Associate University Librarians and BUFA overload. Admin/ Professional-administrative/professional and exempt staff, administrative/professional casual staff; CUPE 4207 – Unit 1 – instructors, teaching assistants, lab demonstrators, course co-ordinators and marker/graders; OSSTF – support and technical staff; CUPE 1295 FT – full-time maintenance, trades and custodial staff; SAC – Senior Administrative Council; Other – all other union groups, part-time teaching and non-teaching positions and stipend transfers.



- Repairs and maintenance and capital replacement costs were lower than budget by \$0.8 million, driven by lower-than-budgeted equipment and furniture purchases and general building repairs and maintenance in residences as well as Brock’s co-generation plant.
- Scholarships and fellowships were lower than budget by \$0.2 million, due in part to the annual Cuvée Grand Tasting Event organized by the Cool Climate Oenology and Viticulture Institute (CCOVI) being deferred into 2020-21 as a result of the COVID-19 pandemic, which typically funds scholarships for students. Graduate fellowships were also less than budgeted in 2019-20, due to lower-than-budgeted graduate headcount.

Inter-fund expenses (before discretionary appropriations) were higher than budget by \$1.3 million, representing additional transfers to internally restricted funds. The largest of these transfers was to the capital and related project fund in support of the FedDev Brock-Niagara Validating, Prototyping and Manufacturing facility (VPM). At cycle two (Dec. 2019), a funding plan was proposed for this project, including \$0.72 million of funding in 2019-20. Given the favourable financial results for 2019-20, the amount proposed to be funded out of the 2021-22 capital budget of \$2.14 million was also included in the 2019-20 funding, for a total of \$2.86 million. This will provide greater flexibility for next year’s capital project planning, as well as establish greater financial contingency for the FedDev project.



(1) Included in actual inter-fund expenses are discretionary appropriations in the amount of \$7,650.



Offsetting the additional funding to the capital and related project fund is the fact that included in the 2019-20 budget was a \$4.0 million contingency related to the forecast risk on certain items in the overall plan, including government grants and enrolment. The use of this contingency was not required as both risks were mitigated through operations.

The annual discretionary appropriations established at year-end, and approved by the Board of Trustees, are also inter-fund transfers, and represent the portion of the University’s funding surplus that is reinvested in the University’s Strategic Priorities at year-end. In 2019-20, the discretionary appropriations were \$7.65 million, which funded the following internally restricted reserves:

- \$6.15 million to the strategic initiative fund (\$3.528 million for the Dean’s Strategic Funds, administered by the Provost, \$1.372 million for the Provost’s Strategic Fund, \$0.243 million for the Vice-President, Research Strategic Fund, \$0.357 million for the President’s Enhancement Fund and \$0.65 million for a Development Strategic Fund).
- \$1.5 million to the contingency reserve to address mitigation during 2020-21 due to the global pandemic. Should the additional \$1.5 million not be required during 2020-21 this amount will be allocated back to the strategic initiative funds.

Funding results by unit

Figure 53 presents the budgeted revenue and costs of each of the University’s responsibility centres based on each unit’s responsibility for establishing their respective budgets. The division of responsibility centres is not meant to measure each unit’s total revenue impact or fully loaded costs. As such, revenue shown in the Faculties does not include an allocation of global tuition or operating grant revenue. Revenue shown by the responsibility centre only reflects the tuition, fee and grant revenue specifically budgeted in the respective centres, as well as any other revenue generated within each centre.

Total costs, as shown in the responsibility centres, include salaries, benefits and direct non-personnel costs (operating costs). Support service costs have not been allocated in these figures. For example, the majority of utility costs are shown collectively as part of the Utilities, Taxes and Insurance responsibility centre and the majority

of scholarships, bursaries and fellowships are reported as part of the Scholarships, Bursaries and Fellowships responsibility centre.

As detailed in the Revenue and expense allocation model section of this report, the revenue and expense allocation model has been developed and allocates all budgeted revenue and net operating costs of the University, including support service costs, to each of the six teaching Faculties. The Provost, working with Financial Services, is utilizing this model as a planning tool.

It should also be noted that direct, externally funded research revenue and matching expenses are not included in the budget, given revenue is recognized as the grants are spent having a net zero impact on the budget, and that asking researchers to forecast timing of spend would be an unnecessary administrative burden.

With mitigation efforts in place throughout the year, we note that teaching Faculties closed out 2019-20 with an almost \$3.7 million positive variance to budget. The Utilities, Taxes and Insurance unit resulted in budget to actual savings of more than \$1.5 million, as a result of the utility cost efficiencies experienced during the year. Further, shared services units were under budget by \$1.7 million, with savings across a number of units including the Senior Academic and Administrative Team, Development and Alumni Relations, Information Technology Services and Financial Services. Student-Specific units were also under budget by \$1.1 million, mainly in the Office of the Registrar. Ancillary Operations’ net contribution was less than budget, mainly resulting from refunds due to the pandemic, and the Capital unit was over budget resulting from the additional contributions to the capital and related project fund.







## Revenue and expense allocation model

The revenue and expense allocation model was developed through a consultative process with allocation methodologies approved by the Deans and Provost. The model has three key functions to support academic and financial planning of the University:

- 1. Enhances the understanding of how revenues are generated and how costs are incurred and allocated at the Faculty level in a transparent manner.
- 2. Supports longer-term resource allocation decision-making for academic units.
- 3. Establishes an incentive mechanism to ensure year-end surplus funds are allocated to the Faculties and to support institutional strategic priorities.

The third purpose refers to the funding of the Deans' Strategic Funds, which are allocated based on a two-envelope basis. The first envelope recognizes the contributions of the Faculties that have a positive contribution margin (i.e. expenses less than revenue) after space costs, recognizing this contribution margin level reflects expenses Faculties have direct control over. The second envelope provides an incentive for year-over-

year improvements in contribution margin, after space costs, for all Faculties through a method that allocates a share of the surplus based on the year-over-year percentage change. The use of these funds are bound by the terms of reference with the Provost and are to support the institutional strategic priorities.

Figure 55 reports the full actual funding results for 2019-20 using the Revenue and Expense Allocation Model. Figure 54 is a visual representation of the 2019-20 actual results versus budget, detailing expenses as a percentage of revenues allocated by each Faculty and in total. The model identifies four Faculties generating net positive contributions and two Faculties requiring additional funding from these positive contributions to support their operations. Through guidance from the Council of Academic Deans, this model reports all tuition based on students in seats. Regardless of a student's home Faculty, all tuition is allocated to the course students take and the Faculty the course belongs to.

Going forward, the model will continue to be evaluated and adjustments to the model will be made, in consultation with the Council of Academic Deans, where appropriate, to ensure the model is meeting its goals as well as supporting the Institutional Strategic Plan.

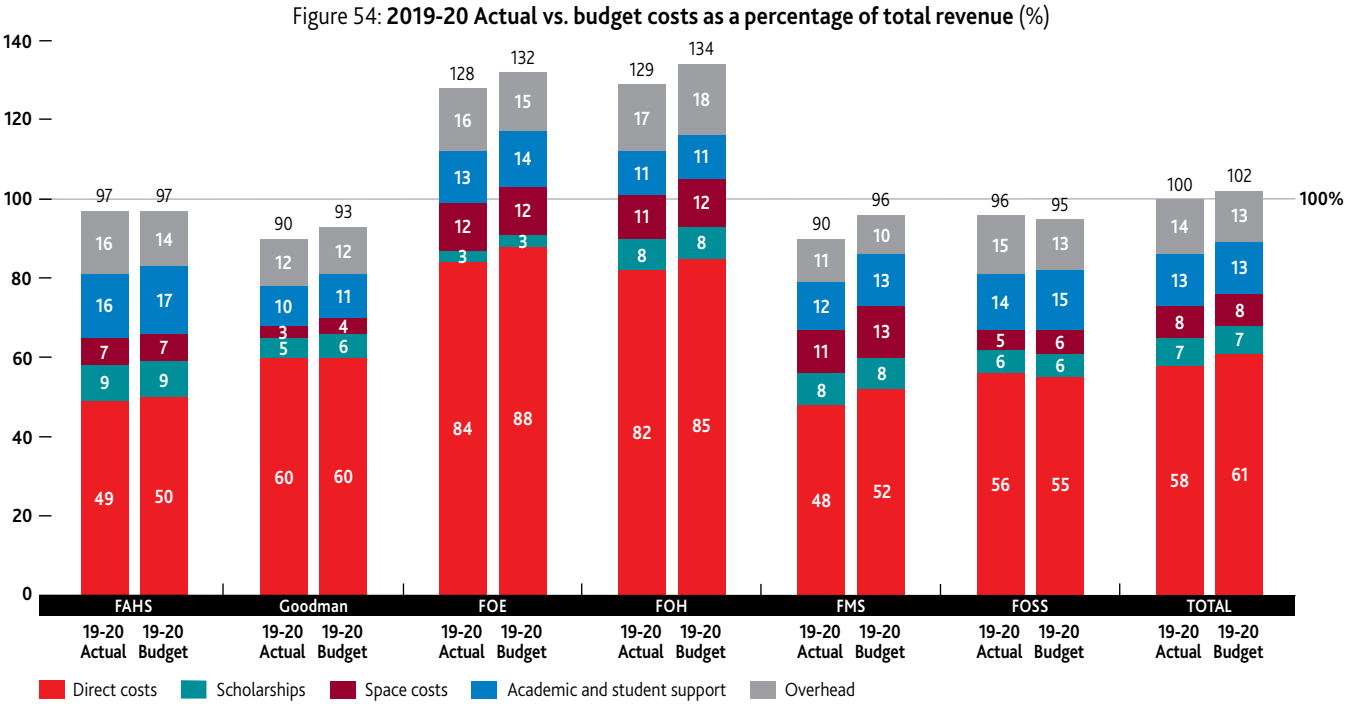


Figure 55: Full revenue and expense allocation model – 2019-20 Actual

(\$000s)	Faculty of Applied Health Sciences	Goodman School of Business	Faculty of Education	Faculty of Humanities	Faculty of Mathematics and Science	Faculty of Social Sciences	Total
Revenue							
Global tuition by teaching Faculty (undergraduate)	18,156	24,438	8,603	17,974	32,044	41,283	142,498
Global tuition by teaching Faculty (graduate)	2,079	3,237	1,325	572	2,082	3,460	12,755
Direct revenue	420	13,527	3,703	541	809	357	19,357
Grant	25,512	13,227	7,720	8,218	11,145	24,466	90,288
Research Support Fund grant revenue	511	22	71	120	747	622	2,093
Total revenue	46,678	54,451	21,422	27,425	46,827	70,188	266,991
Contribution margins							
Direct ongoing personnel costs	18,698	24,285	12,472	18,064	18,680	31,952	124,151
Direct temporary personnel costs	3,602	4,139	4,410	3,408	2,975	5,956	24,490
Direct operating costs	929	3,780	1,184	721	1,014	1,033	8,661
Contribution margin (before scholarships and fellowships)	23,449	22,247	3,356	5,232	24,158	31,247	109,689
Scholarships, fellowships and bursaries	4,039	2,722	600	2,285	3,709	4,409	17,764
Contribution margin (after scholarships and fellowships)	19,410	19,525	2,756	2,947	20,449	26,838	91,925
Space costs							
Space costs	3,477	1,888	2,568	3,111	5,318	3,743	20,105
Net contribution (after space costs)	15,933	17,637	188	(164)	15,131	23,095	71,820
Academic and student-specific support units							
Research Services (excluding Research Support Fund grant revenue)	1,296	55	180	304	1,895	1,577	5,307
Faculty of Graduate Studies	168	405	186	38	117	294	1,208
Library	2,662	2,306	1,142	1,232	1,589	3,739	12,670
Centre for Pedagogical Innovation	202	175	88	94	122	283	964
Student Specific <sup>(1)</sup>	3,011	2,595	1,280	1,357	1,787	4,209	14,239
Net contribution (before overhead allocations)	8,594	12,101	(2,688)	(3,189)	9,621	12,993	37,432
Overhead allocations							
Shared services <sup>(2)</sup>	5,003	5,157	2,531	3,388	3,395	7,169	26,643
Ancillary operations and Residence contribution	(509)	(439)	(217)	(230)	(303)	(712)	(2,410)
Capital	2,019	1,756	879	940	1,219	2,832	9,645
University Global	804	293	207	556	634	1,052	3,546
Net contribution	1,277	5,334	(6,088)	(7,843)	4,676	2,652	8

(1) Student Specific includes the Office of the Registrar, Aboriginal Student Services, Student Wellness and Accessibility, Student Life and Community Experience, Student Success Centre, Brock International, Co-op, Career and Experiential Education and Brock Sports and Recreation.  
(2) Shared Services includes Senior Academic and Administrative Team, Information Technology Services, Financial Services, Human Resources, Marketing and Communications, Development and Alumni Relations, Human Rights and Equity Services, University Secretariat, Office of Government Relations, Institutional Analysis and Planning, and Internal Audit and University Risk Management.



Funding basis reconciled to the Financial Statements

A full reconciliation of the differences between the audited NFPS basis of accounting and the funding basis will follow; however, there are two key observations regarding these differences:

- The funding basis accounts are a subset of the audited NFPS accounts, which represent operating/unrestricted activities of the University and the unrestricted fund. The Examination of the Net Assets section, starting on page 62, describes each of the funds of the University.
- The largest difference between the funding basis and the NFPS basis is the treatment of capital transactions. On a funding basis, all principal payments on debt and all fund transfers into separate capital funds to purchase capital and related costs are considered expenses. The function of transferring the funds into separate capital fund accounts is a mechanism to ensure cash is actually

set aside to purchase capital and related costs. Therefore, when the cash is transferred to separate capital funds, the funding basis treats the transfer as an expense. On a NFPS basis, capital purchases are not expensed, as they result in an asset, and are included on the Statement of Financial Position. These assets are subsequently expensed through the process of amortization over the useful life of the asset. This is similar to an individual who might purchase a home; the home becomes part of an individual's net worth statement net of any loans used to purchase the home.

Figures 56 and 57 reconcile the 2019-20 financial results from a funding basis to the NFPS basis. The adjustments represent differences in reporting between the NFPS basis and the funding basis, and are primarily for non-cash transactions and timing differences. Each of these differences are described below:

Figure 56

(\$000s)	2019-20 Funding Actuals	NFPS adjustments	Notes – see Figure 57	Internally restricted funds activity	Eliminate inter-fund transfers	Eliminate internal chargebacks	2019-20 NFPS Actuals
Revenue							
Student fees	185,078	505	5	235			185,818
Grant revenue	96,788	(1,465)	1	21			95,344
Internal chargebacks	8,484			908		(9,392)	
Inter-fund revenue	4,920	9	4		(4,929)		
Research revenue		11,715	3				11,715
Other revenue	51,707	11,868	2,4	1,786			65,361
Total revenue	346,977	22,632		2,950	(4,929)	(9,392)	358,238
Operating costs							
Personnel costs	(220,419)	(4,363)	3,4,5,7,9	(2,483)			(227,265)
Inter-fund expenses	(33,550)	(1,658)	2-5		35,208		
Other operating costs	(93,000)	(31,047)	2-8	(4,413)		9,392	(119,068)
Total costs	(346,969)	(37,068)		(6,896)	35,208	9,392	(346,333)
Funding surplus (after discretionary appropriations)	8	(14,436)		(3,946)	30,279	-	11,905

Figure 57

Notes	Reconciliation of NFPS adjustments (\$000s)
1	Capital grants (1,465)
2	Amortization of deferred capital contributions 8,239
3	Research, including fellowships 11,715
4	Endowment and trust spending 3,638
5	Course fee revenue 505
	Total revenue adjustments 22,632
2	Amortization of capital assets (21,738)
3	Research spending – personnel (2,888)
3	Research spending – operating (8,827)
4	Endowment spending – personnel (5)
4	Endowment and trust spending – operating costs (3,633)
5	Course fee spending – personnel (34)
5	Course fee spending – operating (471)
6	Principal payments 1,967
7	Non-capital purchases in capital and related project fund – personnel (724)
7	Non-capital purchases in capital and related project fund – operating costs (1,528)
8	Capital purchases in operating 1,525
9	Post-retirement benefits (712)
	Total costs adjustments (37,068)

NFPS adjustments

1. **Capital grants** – The Facilities Renewal Program Funds received by the University are used for capital purchases and are included as part of deferred capital contributions in the NFPS Financial Statements and later amortized over the useful life of the capital item it funded. However, on a funding basis, this grant is recorded as revenue. The actual Facilities Renewal Program Funds received in 2019-20 represent the adjustment.
2. **Amortization, net** – Amortization is a non-cash expense and is therefore not included in the funding basis. For Financial Statement purposes, the capital asset amortization of \$21.738 million is recorded to reflect the usage of capital assets, and amortization of deferred capital contributions (restricted external donations and grants) of \$8.239 million is being amortized over the useful life of the assets they have funded. These figures represent the adjustments.

3. **Research, including fellowships** – Research grants for restricted purposes and the offsetting research expenses, including fellowships, have not been included on a funding basis; however, they are included as part of the Financial Statements. The actual 2019-20 research spending and the related revenue represent the adjustments.

4. **Endowment and trust spending** – Spending in the endowment fund and non-endowed trust fund, mainly in the form of scholarships, is included as an expense with offsetting revenue as part of the NFPS Financial Statements. This spending is not recorded as part of the funding basis (with the exception of inter-fund transactions). The 2019-20 actual endowment and trust spending, along with the offsetting revenue, represents the adjustments.

5. **Course fees** – Course fee revenue, along with the offsetting spending, is included as part of the NFPS Financial Statements. This revenue and spending is not recorded as part of the funding basis. The 2019-20 actual course fee spending, along with the offsetting revenue, represents the adjustments.

6. **Principal payments** – Principal payments of long-term debt, which represent a cash outflow and are therefore recorded as an expense in the funding basis, are not considered an expense in the NFPS Financial Statements, as they represent a reduction of a liability. The 2019-20 actual principal payments represent the adjustment.

7. **Non-capital purchases in capital and related project fund** – Non-capital purchases (including personal costs) made in the capital and related project fund are reported as an expense in the NFPS Financial Statements but are not recorded in the funding basis. The expense would have been recognized in the funding basis upon funding the reserve. The 2019-20 actual non-capital purchases represent the adjustment.

8. **Capital purchases in operating** – Capital purchases in units' operations for minor capital are recorded as an asset in the NFPS Financial Statements; but for funding, this spending is recorded as an expense, as it represents a cash outflow. The 2019-20 actual capital purchases represent the adjustment.

9. **Post-retirement benefits** – This amount is actuarially determined and represents the actuarial adjustment to employee future benefits related to current service. An adjustment is required because this amount represents an expense in the NFPS Financial Statements; however, since it doesn't reflect a cash outflow, it is not recorded in the funding basis.

Internal chargebacks and inter-fund transfers

Finally, all internal charges and inter-fund revenue and expenses, while included in the funding basis, are eliminated in the NFPS Financial Statements as they represent internal movement of funds. The inter-fund revenue of \$4.929 million and inter-fund expenses of \$35.208 million represent transfers between unrestricted, internally and externally restricted funds. These transfers are eliminated for NFPS Financial Statements. Each of these funds are described in the Examination of Net Assets section of this report. The internal chargeback revenue and expenses of \$9.392 million included in the funding basis represent internal charges between departments within the University and are eliminated for the NFPS Financial Statements.



Examination of net assets

The University is split into a number of different funds, which constitute the University's net assets. The funds and a related description are as follows:

- **Unrestricted** – On a funding basis, activity runs through the unrestricted fund. In fact, the balance of this fund represents the sum of historical surpluses and deficits on a funding basis, which also represents the uncommitted cash balance of the University. If the balance is positive, the University has uncommitted cash, and if it is negative, it has over-extended by spending or committing more cash to projects than it actually has. The net uncommitted cash of the University at April 30, 2020 is \$0.093 million.
- **Internally restricted** – This fund represents funds set aside and committed for future use and is really the sum of a number of funds as follows:
  - *Capital and infrastructure projects and reserves (capital and related project fund)* – This fund was established to transfer funds from the unrestricted fund and other funds into the capital and related projects accounts. As items are capitalized, they are transferred to the invested in capital assets fund.
  - *Operating project accounts* – This fund includes support for ongoing strategic initiatives normally funded out of the unrestricted fund, including the unspent portion of the funding of the Dean's Strategic funds, and ensures these funds can be made available in future years if

unspent. It recognizes that, for certain types of activities, we need to take into consideration timing issues with respect to when cash is actually collected and expenses actually incurred, as many activities at the University do not align perfectly to the fiscal year.

- *Research funds with no external obligations* – For the most part, unspent research funds are captured under deferred revenue on the Statement of Financial Position in the NFPS statements. This occurs when there is an external restriction to spend the funds on specific activities or items. The research with no external obligations fund was established to recognize that some research funding has no external restrictions. Examples include the funding of transdisciplinary research units and The Match of Minds program.
- *Start-up funds* – This fund includes all unspent start-up funds awarded to faculty.
- *Professional expense reimbursement (PER) accounts* – This fund includes all unspent PER and accountable allowance amounts provided to faculty and some senior administration.
- *Sinking fund* – This fund recognizes the funds set aside to repay the \$93-million bond debenture due Dec. 14, 2045.
- *Employee future benefit reserve* – This fund was established to set aside funds to pay our employee future benefit liability. The liability on our Statement of Financial Position is \$29.6 million as of April 30, 2020. This fund also includes the Pension Stabilization Reserve, which was established in 2017-18.

- *Debt repayment reserve* – This fund was established to work towards repaying the outstanding debt of the University. The goal of this reserve is to set funds aside to repay outstanding debt when it comes up for renewal. The next maturity date is June 3, 2024.
- *Contingency reserve* – This fund was established to cover potential unanticipated costs with current or previous projects and any future litigation. The funding in 2019-20 of \$1.5 million is to address mitigation during 2020-21 due to the global pandemic. Further funding, in 2019-20 consistent with prior years, is related to section 211 input tax credits for Public Service Bodies (PSB). Given that this tax credit is subject to change-in-use-rules, whereas the University could be required to repay all or a portion of this rebate in the future, it has been the practice of the University to reserve these credits for contingency and support of the financial position of the University.
- *Strategic initiative fund* – This fund was established to support academic and research priorities with one-time funding. It includes the Provost Strategic Fund, the Vice-President Research Strategic Funds, the President's Enhancement Fund and the Development Strategic Fund. As of April 30, 2020 this fund also includes the 2019-20 contributions to the Deans' Strategic Funds. Once approved by the Board of Trustees, a portion of these funds will be transferred to the Faculties' Operating Project Accounts consistent with the terms outlined in the Fiscal Framework, the Revenue and Expense Allocation Model and the Provost/Deans' Terms of Reference.
- *Encumbrance reserve* – This fund was established to accommodate situations where the budgeted funding is available and a purchase commitment is established but

the goods have not yet been received by year end. This fund allows the budgeted funding to be reserved and utilized in the following year.

- **Invested in capital assets** – This fund represents the balance of capital assets net of long-term debt, deferred capital contributions and debt payments. The balance in this fund can reasonably be compared to an individual's house value, less the mortgage outstanding. In year, the activity in the fund relates to funding; debt or deferred capital contributions and capital assets purchases. The majority of capital assets that were purchased were transacted through either the funding budget recorded in the unrestricted fund discussed above or the capital and infrastructure projects and reserve, which is included in the internally restricted fund, also discussed above.
- **Endowments** – The endowment fund represents the activity and balance of our endowments.
- **Employee future benefits** – This fund is the sum of the pension asset and post-retirement obligations. Unlike the other reserve funds, the post-retirement benefits in this fund remain unfunded. The Board of Trustees approved a plan to reserve \$0.9 million annually for a number of years, including 2018-19, to set aside funds to ensure these obligations will be funded in the future. A further \$1.6 million was established in 2017-18 as a pension stabilization reserve.

Figure 58 details the balances of a number of the internally restricted funds as of April 30, 2020 by teaching Faculty as well as the Library.

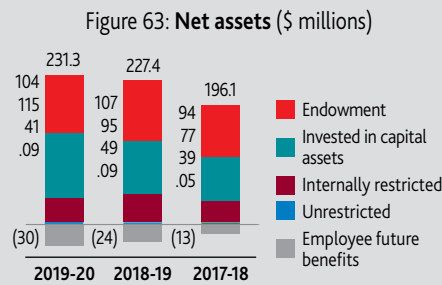
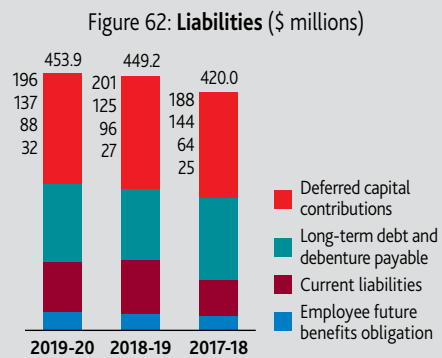
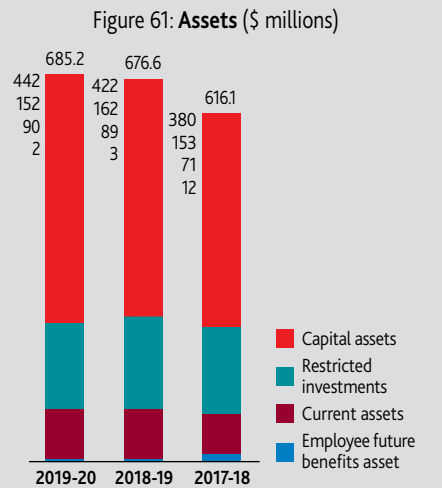
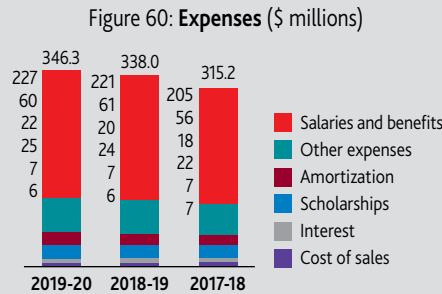
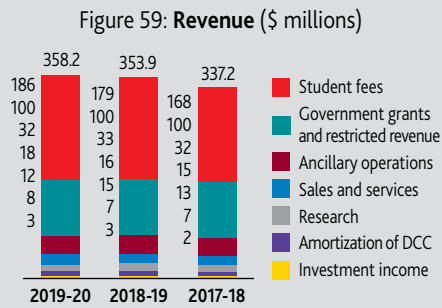
Figure 58: Balances as of April 30, 2020

(\$000s)	Operating project accounts	Research funds with no external obligations	Start-up funds	PER and accountable allowance accounts	Total
Faculty of Applied Health Sciences	775	1,051	578	438	2,842
Faculty of Education	119	88	20	298	525
Faculty of Humanities	330	88	17	311	746
Faculty of Mathematics and Science	1,230	412	280	580	2,502
Faculty of Social Sciences	1,267	684	564	718	3,233
Goodman School of Business	1,222	18		506	1,746
Library		7		28	35
Other units	554	218		120	892
Total	5,497	2,566	1,459	2,999	12,521



MAY 9, 2019: Brock University approved contributing a parcel of land at its main campus so it can be the site of a community and athletics complex that will be the central site when the 2021 Canada Summer Games are hosted in Niagara.





## Financial review of the audited Financial Statements

### Revenues

Revenues were up year over year to \$358 million. Student fees increased \$71 million, or 4.0 per cent, due to an increase in the international tuition rate, student mix and a 3.6 per cent increase in enrolment, offset by a 10 per cent decrease in regulated domestic tuition rates. Sales and services increased \$1.8 million, or 11.1 per cent. Ancillary operations revenue decreased \$1.4 million, or 4.3 per cent, driven by reduced operations and refunds due to COVID-19 in residence, parking, dining and conference services. Investment income decreased \$0.4 million, or 11.1 per cent, and research grant revenue decreased \$2.9 million, or 19.7 per cent.

### Expenses

Expenses increased to \$346 million, or 2.5 per cent over last year. Salaries and benefits increased \$6.6 million, or 3.0 per cent. Of the \$6.6 million increase, \$4.3 million relates to 32 additional staff, faculty and librarians as well as collective agreement settlements. The remaining \$2.3 million relates to pension and benefit increases. Scholarships, fellowships and bursaries increased \$1.1 million, or 4.5 per cent, related to the planned changes as set out in the fiscal framework. Utilities and taxes increased \$0.7 million, or 12.4 per cent, due to increased electricity and carbon and GHG costs offset by lower natural gas costs. Offsetting these increases is a decrease in operating expenses of \$2.2 million, or 4.9 per cent in part due to reduced travel, hospitality and conference expenses because of COVID-19 and mitigation efforts throughout the year.

### Assets

Assets increased by \$8.6 million, or 1.3 per cent over last year. Notably, capital assets increased by \$19.5 million as a result of construction related to the Decew Residence Renewal, construction of the new Residence 8, the Zone expansion, and Lot S and Village Road projects. This increase is offset by a decrease in restricted investments of \$10.6 million, driven by a decrease in endowments of \$3.1 million resulting mainly from investment losses as well as a decrease of \$8.2 million to other internally restricted net assets. The employee future benefit asset also decreased by \$0.7 million.

### Liabilities

Liabilities increased by \$4.7 million over last year. Accounts payable and accrued liabilities and deferred revenue increased \$5.5 million due to an increase in spring deferred tuition and student fees as well as accruals for construction projects. Employee future benefit obligation also increased by \$4.9 million. These increases were offset by a decrease in deferred capital contributions of \$4.9 million as well as a decrease in long-term debt of \$2.0 million.

### Net Assets

Net assets increased in line with the increase in assets and liabilities. The funds included in the endowments, invested in capital assets, and internally restricted and unrestricted reserves are all supported by cash or restricted investments.



## Taking a closer look at some of the numbers

The following section provides additional information regarding Brock's treasury portfolio, financial health metrics, pension plan, endowment and capital investments.

### Treasury: portfolio commentary

Yield on operating investments for 2019-20 was 2.48 per cent (2.25 per cent 2018-19). Yield on operating investment income increased by 23 basis points (bps) in 2019-20 as a result of a higher prime rate. The cash deposit rates earn prime minus 165 bps, and a 31-day notice hold account earns prime minus 150 bps. Prime rate was 3.95 per cent for 11 months of fiscal 2019-20 and fell to 2.45 per cent the last month of fiscal 2019-20 due to the global pandemic. As at April 30, 2020, \$21.9 million was invested in guaranteed investment certificates (GICs) with an average yield and duration of 2.66 per cent and 1.6 years respectively (2.56 per cent and 1.6 years respectively in 2018-19). In comparison, Government of Canada two year bonds had an average yield of approximately 0.31 per cent (1.51 per cent at April 30, 2019).

The sinking fund posted a positive return for the fiscal year yielding 3.14 per cent (9.76 per cent in 2018-19). The sinking fund requires a compounding 5.0 per cent rate of return to achieve the target, \$93 million, by December 2045, based on the Fiscal Framework with additional future contributions of \$0.4 million commencing in 2024-25 and another \$1.95 million in 2028-29 when the Sunlife residence loan is repaid. It is expected, given the asset mix of the balanced fund, that returns will experience short-term volatility. Mawer has historically generated exceptional returns, earning an annualized return of 7.8 per cent before management fees (0.25 per cent) over the last 74 months since the establishment of this investment. No change is planned to this investment strategy at this time. This fund also performed well over the last six months, given the COVID-19 pandemic's impact on the market, generating a positive return of 0.6 per cent.

Figure 64 summarizes the investment income year-over-year and versus budget, Figure 65 graphs the cumulative monthly investment income performance, Figure 66 details the monthly cash flow over the past five years, Figure 67 represents a year-over-year variance analysis of investment holdings and Figure 68 is an analysis of fees for investment management.

Figure 64: **Summary investment income**

(\$000s) Unless otherwise stated	2019-20 Actual	2018-19 Actual	Variance year-over-year	2019-20 Budget	% of budget achieved
Operating investment income	2,571	2,199	372	1,500	171%
Sinking fund	237	674	(437)	332	71%
Employee future benefits reserve	176	462	(286)	NA	
<b>Investment Income<sup>(1)</sup></b>	<b>2,984</b>	<b>3,335</b>	<b>(351)</b>	<b>1,832</b>	<b>163%</b>

(1) Figures do not include externally restricted trusts with separate investment strategies. Brock currently has three externally restricted segregated trust investments with income of \$0.05 million not included in the figures above.



Figure 65: Cumulative monthly investment income performance 2018-19 vs. 2019-20 (\$000s)

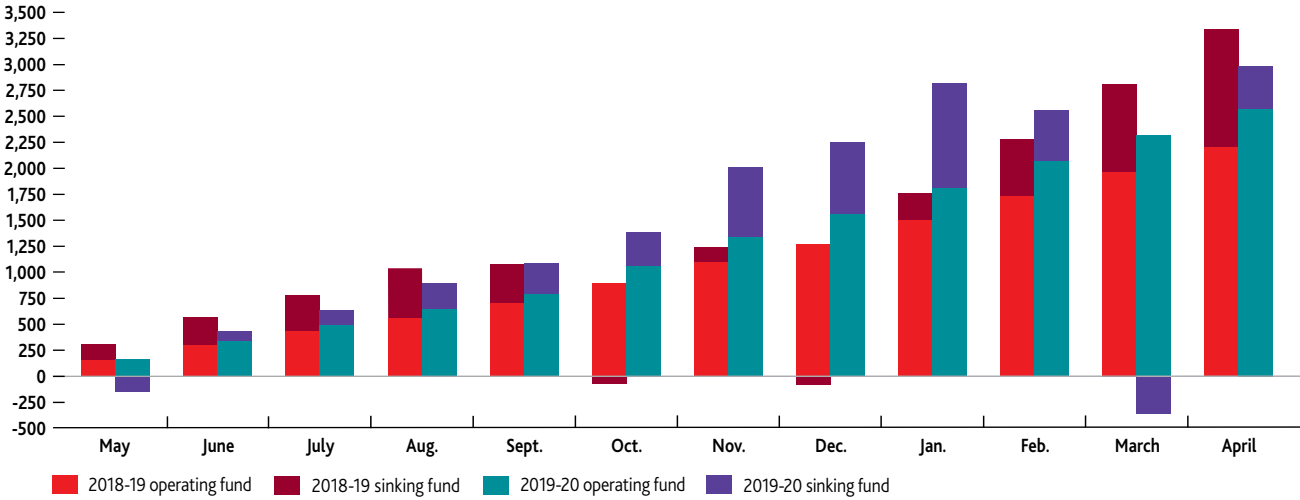


Figure 66: Monthly cash flow – historical trend month-end balances (\$000s)

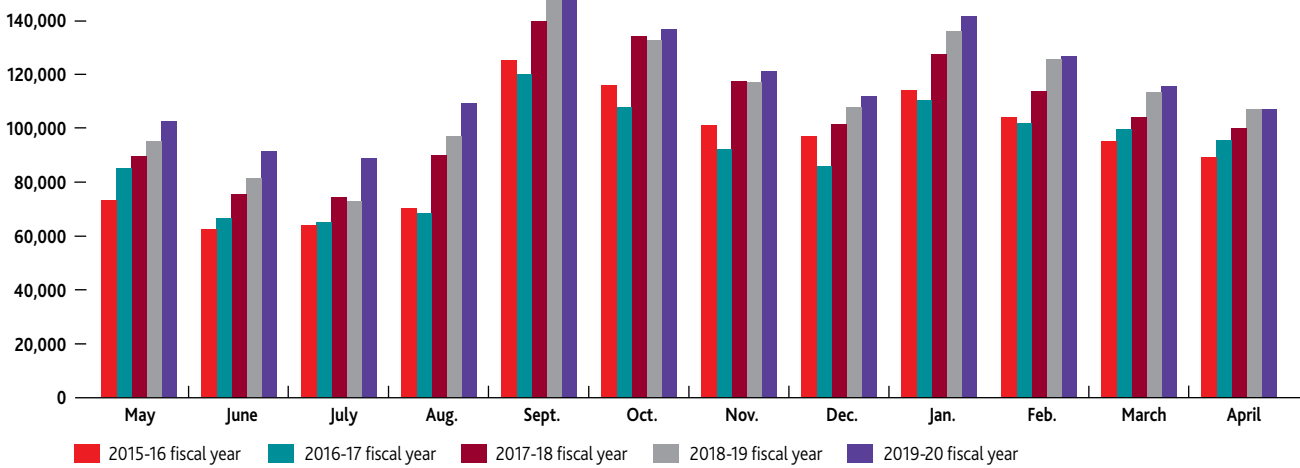


Figure 67: Year-over-year variance analysis of investment holdings

(\$000s) Unless otherwise stated	Average balance <sup>(1)</sup>	Investment income	Rate of return	Year-over-year change due to rate	Year-over-year change due to balance and investment mix
Money market/guaranteed investment certificates/high-interest savings accounts					
2018-19	73,114	1,699	2.32%		
2019-20	73,698	1,931	2.62%		
Variance better/(worse)	584	232	0.30%	217	15
Cash					
2018-19	24,506	500	2.04%		
2019-20	29,918	640	2.14%		
Variance better/(worse)	5,412	140	0.10%	24	116
Total operating investments					
2018-19	97,620	2,199	1.62%		
2019-20	103,616	2,571	2.25%		
Variance better/(worse)	5,996	372	0.63%	241	131
Sinking fund					
2018-19	6,901	674	9.76%		
2019-20	7,548	237	3.14%		
Variance better/(worse)	647	(437)	-6.62%	(457)	20
Employee future benefits reserve					
2018-19	4,880	462	9.48%		
2019-20	5,618	176	3.14%		
Variance better/(worse)	738	(286)	-6.34%	(309)	23
Total investment					
2018-19	109,401	3,335	3.05%		
2019-20	116,782	2,984	2.56%		
Variance better/(worse)	7,381	(351)	-0.49%	(525)	174

(1) Average balance does not include externally restricted trusts with separate investment strategies. Brock currently has three externally restricted segregated trust investments with income of \$51,000 not included in the figures above.

Figure 68: Analysis of fees for investment management

(\$) Unless otherwise stated	2019-20 Actual	2018-19 Actual	Variance better/(worse)
Non-discretionary broker accounts			
TD Waterhouse			
BMO Nesbitt Burns	3,649	4,268	619
Scotiabank Investments			
Total non-discretionary	3,649	4,268	619
Mawer – balanced fund	32,656	29,532	(3,124)
Total fees	36,305	33,800	(2,505)
Total fees as a % of balance	0.031%	0.035%	0.004%





Financial health metrics

These financial health metrics compare us to other universities in the comprehensive category as detailed in Figure 69.

Figure 69

	Brock <sup>(1)</sup>			Median <sup>(2)</sup>		Weighted average <sup>(2)</sup>	
	April 2020	April 2019	April 2018	April 2019	April 2018	April 2019	April 2018
Primary reserve ratio	14.2%	16.6%	17.1%	27.5%	29.1%	40.0%	39.2%
Debt burden ratio	6.7%	2.8%	2.9%	2.4%	2.6%	2.5%	2.9%
Interest burden %	2.1%	2.2%	2.4%	1.4%	1.6%	1.6%	1.7%
Interest coverage	4.64	4.97	4.23	7.73	7.37	7.00	5.94
Viability ratio	35.7%	44.8%	39.3%	118.2%	126.8%	137.0%	121.8%
Net operating revenues ratio	9.3%	9.8%	9.2%	9.3%	10.6%	10.5%	10.3%
Employee future benefits per student headcount (\$000s)	\$(1.13)	\$(0.89)	\$(1.47)	\$(1.49)	\$(1.96)	\$(2.07)	\$(2.09)
Endowment per student headcount (\$000s)	\$5.25	\$5.60	\$5.13	\$8.68	\$8.44	\$8.11	\$7.81

(1) Certain Brock metrics have been adjusted, due to a change in reporting of student headcount, to include the number of new-entry students in programs having a Winter Term start date.  
(2) Calculated using financial information from 13 other comprehensive universities. Certain 2018 metrics have been updated due to revisions in certain universities' financial statements.

The metrics can be explained as follows:

1. The primary reserve ratio refers to the amount of cash available to cover operations. At April 2020, Brock has approximately 52 (2019 – 61) days of expendable reserves.
2. The next two ratios (debt burden ratio and interest burden per cent) describe how Brock utilizes a greater proportion of its annual operating expense to fund debt obligations. The ratio increased by 4.16 per cent due to the Marilyn I. Walker School of Fine and Performing Arts loan of \$14.4 million repayment at maturity. A normalized debt burden ratio would be 2.58 per cent.
3. The interest coverage ratio measures the ability to fund interest charges from cash generated through operations. It remains above the guidance of 2.00 set by the Board of Trustees and above the ratio of 2.50 considered to be the minimum standard by the University's credit rating agency, DBRS Morningstar, for Brock's current credit rating of A high.
4. The viability ratio is essentially how much of the institution's debt could be paid off with expendable resources. The average institution in our category could pay off all of their debt with expendable resources. Brock can pay off 36 per cent and therefore is comparably more vulnerable to unplanned events. However, this metric has been improving over the past three years and is an indication of our strengthening balance sheet.
5. The net operating revenues ratio provides an indication of the extent to which we are generating positive cash flows in the long run to be financially sustainable. We are fairly consistent with our peers on this metric.

6. The employee future benefits per student metric acknowledges certain obligations are owed to certain employees in the future when they retire or cease employment. The negative balance here represents the fact that the obligation is larger than the actual cash set aside to pay these benefits. Despite the fact that we are in a deficit position, Brock compares favourably to our peers on this metric.
7. The endowment per student is an indicator of external support for the institution. Endowments provide relief to the operating budget as a source of additional funding to support areas of the institution's mission. Our endowment per student has seen some growth but still remains less than our peers.

Our metrics have been improving over the past six years, which is a positive sign and the result of a lot of hard work by everyone in the University community.

The comparative April 2020 figures of the other universities in the comprehensive category were not available at the time of writing this annual report.

Our debt

Figure 70 details the current and projected external debt of the University, including new external debt financing estimated over the coming fiscal years for the Ancillary/ Residence student experience project investments.

The Marilyn I. Walker School of Fine and Performing Arts (MIWSFPA) loan was repaid in its entirety on its renewal date in June 2019, utilizing the debt repayment reserve funds set aside as per the fiscal framework specifically for this purpose and a substantial donation contributed by the late Marilyn I. Walker.

Brock issued a \$14.4-million five-year loan fixed at 2.49 per cent in fiscal 2019-20 as preliminary financing for student experience capital projects. These projects (i.e. Ancillary/ Residence student experience projects) are supported by a business plan that is 100 per cent self-funded, including financing costs and a contribution back to the University; support the Institutional Strategic Plan by offering a transformational and accessible academic and university experience for our growing student population; and had no negative impact on the University's credit rating.

Figure 70: Outstanding debt

(\$000s) (unless otherwise noted)	Actual				Budget April 30, 2021	Forecast			
	April 30, 2017	April 30, 2018	April 30, 2019	April 30, 2020		April 30, 2022	April 30, 2023	April 30, 2024	April 30, 2025
Bond	93,000	93,000	93,000	93,000	93,000	93,000	93,000	93,000	93,000
Cairns building	24,863	24,109	23,319	22,491	21,623	20,714			
Residence	15,215	14,333	13,385	12,366	11,271	10,095	8,831	7,473	6,014
Marilyn I. Walker School of Fine and Performing Arts (MIWSFPA)	15,960	15,240	14,520						
Ancillary/Residence student experience projects				14,400	139,400	139,400	139,400	139,400	125,000
Total debt	149,038	146,682	144,224	142,257	265,294	263,209	241,231	239,873	224,014
Total student FFTE <sup>(1)</sup>	20,086	20,303	20,548	21,441	22,270	22,659	23,173	23,602	23,752
Total debt/FFTE (in dollars) <sup>(1)</sup>	\$7,420	\$7,225	\$7,019	\$6,635	\$11,913	\$11,616	\$10,410	\$10,163	\$9,431
Debt reduction strategy									
Sinking fund	6,413	6,696	7,370	7,607	7,319	7,685	8,069	8,473	9,301
Sinking fund – Ancillary/Residence					1,903	3,848	5,833	7,846	11,260
Debt repayment reserve	2,895	4,457	6,753	384	1,884	3,384		1,500	3,000
M. Walker donation – MIWSFPA	5,326	5,470	5,617						
Other donations – MIWSFPA	717	851	932						
Total assets for debt reduction	15,351	17,474	20,672	7,991	11,106	14,917	13,902	17,819	23,561
Net debt	133,687	129,208	123,552	134,266	254,188	248,292	227,329	222,054	200,453
Net debt/FFTE (in dollars) <sup>(1)</sup>	\$6,656	\$6,364	\$6,013	\$6,262	\$11,414	\$10,958	\$9,810	\$9,408	\$8,439

(1) Fiscal full-time enrolment (FFTE). For a definition, refer to page 88 of the 2020-21 Budget Report.





Brock was also working on a series B debenture offering at fiscal year-end with proceeds expected to be \$125 million covering capital needs and refinancing of upcoming debt maturities. The closing of this private placement would be in addition to the 2005 series A debenture offering with proceeds of \$93 million. This debenture strategy has been implemented to take advantage of historically low interest rates. As well, this additional debt is expected to close with no negative impact on Brock’s credit rating position, although the additional debt brings Brock closer to its current credit rating threshold. On Feb. 4, 2020, DBRS Morningstar reconfirmed Brock’s credit rating of A (high) with Stable trends. The funding plan for the \$93-million series A (bullet bond) includes a sinking fund with an annualized rate of return target of five per cent plus additional payments of \$0.4 million commencing in 2024-25, followed by the repurposing of the \$1.9 million debt payments on the residence loans in 2028-29 when the mortgage is fully repaid. Other future debt maturities can be found in the audited financial statements of the University. A sinking fund strategy to repay a series B debenture will complement any additional debt to ensure a repayment strategy exists.

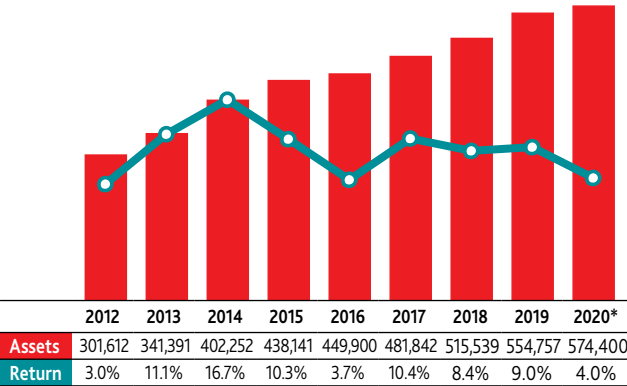
Pension plan

The actuarial valuation on the pension plan completed as at July 1, 2017, indicated the plan was 96 per cent funded on a going-concern basis (99 per cent as at July 2014 valuation) and 105 per cent on a solvency basis (105 per cent as at July 2014 valuation). The main contributor to the going concern deficit was a reduction in the pension plan discount rate 5.45 per cent (6.0 per cent as at July 2014 valuation). The actuary sets the expected rates of returns based on industry best practices guided by the Canadian Institute of Actuaries. The University has no control or influence over these assumptions used by

the actuary. The going concern deficit of \$17.88 million (\$3.56 million as at July 2014 valuation) with required special payments into the plan of \$1.94 million and the current service cost payments for the plan of \$14.05 million for a total cost to the University of \$15.99 million annually. Employees also contribute to the money purchase component of the plan (defined contribution), an additional \$7.66 million, resulting in an employer-to-employee funding ratio of 2.1 to 1.0. Figure 71 details the pension plan’s returns and assets over the past nine years.

Additional information on the pension plan may be found at [brocku.ca/human-resources/pension/](http://brocku.ca/human-resources/pension/)

Figure 71: Pension plan as of June 30 pension year-end (\$000s)



\* Represents the 12-month return as of April 30, 2020.

Endowment summary

The endowments of the University continue to grow. Figure 72 summarizes the activity of the last six years. Figure 73 details the Top 10 endowments by size of investments as of April 30, 2020.

Figure 72: Endowment activity

(\$000s)	2019-20 Actual	2018-19 Actual	2017-18 Actual	2016-17 Actual	2015-16 Actual	2014-15 Actual
Opening endowment	107,026	96,671	93,697	83,098	81,695	74,527
Spending	(2,929)	(2,464)	(2,396)	(1,999)	(1,995)	(6,915)
Investment income and unrealized (loss)/gain	(1,553)	10,932	4,099	11,145	2,460	9,933
New donations	1,352	1,887	1,271	1,453	938	4,150
Ending endowment	103,896	107,026	96,671	93,697	83,098	81,695

Figure 73: Top 10 endowments (2019-20 Actual)

Amount (\$000s)	Name	Purpose
17,539	Marilyn I. Walker SFPA Fund	Supports the MIWSFPA
7,757	The Harrison-Thompson Bursary Trust	Supports Undergraduate Awards
2,816	The Joyce Foundation Bursary	Supports Undergraduate Awards
2,433	VP Research Discretionary Fund	VP Research Discretionary
1,914	Dr. and Mrs. Moriyama Graduate Fellowship Fund	Supports Graduate Awards
1,865	Bluma Appel Entrance Scholarship For Excellence	Supports Graduate Awards
1,487	Luigi and Amalia Setacci Award	Supports Undergraduate Awards
1,383	Ruth Evelyn Williamson Estate	Supports Undergraduate Awards
1,355	Provost Discretionary Enhancement Fund	Provost Discretionary
1,156	Harrison Scholarship	Supports Undergraduate Awards







Capital investments

In total, the University purchased \$41.2 million in capital additions during 2019-20. These additions represent investments in facilities and information technology supporting a number of projects, including investments in the Rankin Family Pavilion, Decew Residence renewal, construction of the new Residence 8, the Zone expansion and many other projects, as well as other smaller capital items such as furniture and computers. One of the main sources of funding for these projects, other than external

debt, donations and government grants, was from the capital and infrastructure projects and reserves fund of \$23.9 million, as detailed in Figure 74. Figure 74 illustrates the 2019-20 activity of the capital and infrastructure projects and reserves fund, which makes up a component of the internally restricted net asset balance in the audited NFPS Financial Statements. During 2019-20, \$11.1 million was transferred into the fund as set out in the 2019-20 capital and related projects budget. In year, an additional \$5.0 million in approved funding was added to the fund. This additional funding included \$2.9 million from the operating budget in support of the FedDev Brock-Niagara Validating, Prototyping and Manufacturing facility (VPM) and various unit-level contributions for special unit project requests.

The key to the capital and infrastructure projects and reserves fund is that funding transferred into it is held in reserve at year-end for spending the following year. This recognizes that capital and related projects can often span one or more years and could have timing delays due to planning or regulatory requirements.

The negative ending balance related to the Facilities Management projects is driven by spending related to Student Experience Projects (Residence 8, Decew Residence renewal, Lot S and Ring Road and Dining Services projects) which are funded by debt. As the new Debenture was issued after year end, spending over the current debt of \$14.4 million for these projects was temporarily funded through working capital and this reserve at year-end.

Figure 74: Activity of the capital and infrastructure projects and reserves fund

(\$000s)	Facilities Management (FM) Projects	Information Technology Services (ITS) Projects	Total capital and infrastructure projects and reserves
Opening Balance (May 1, 2019)	5,802	1,422	7,224
Transfer per the funding budget	7,334	3,790	11,124
In-year additional funding from operating and internally restricted reserves	4,862	125	4,987
Transfer between FM and ITS projects	(50)	50	-
In-year spending (capitalized)	(22,588)	(1,264)	(23,852)
In-year spending (not capitalized)*	(591)	(1,661)	(2,252)
Ending Balance (April 30, 2020)	(5,231)	2,462	(2,769)

\* This spending, although significant to the University and part of the capital and related projects budget, does not meet the requirements to be capitalized in accordance with accounting standards for not-for-profits.

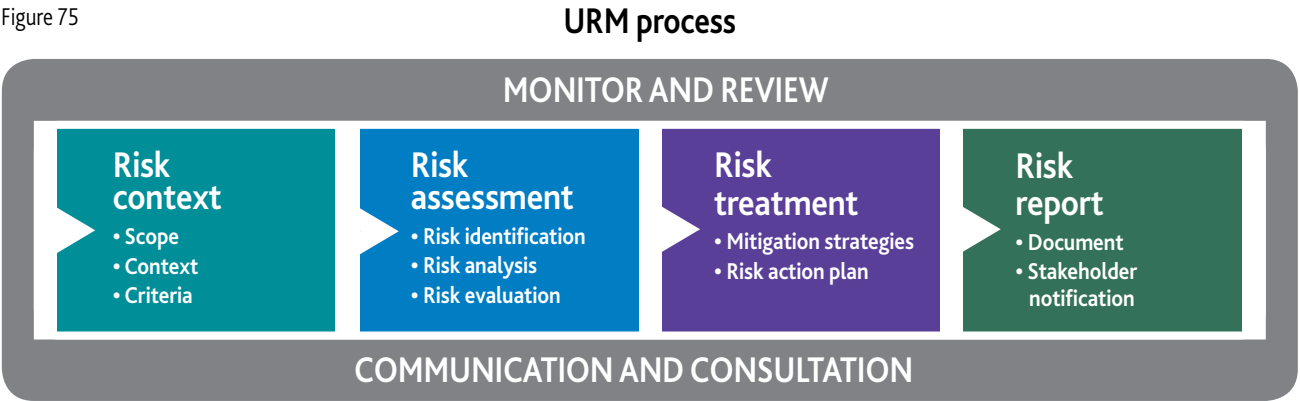


University Risk Management

University Risk Management (URM) continues to evolve and mature at Brock. URM helps to inform decision-making in support of the strategic plan and priorities through the identification, assessment and management of principal risks. The University does not seek to eliminate risk. Rather, Brock seeks to identify and understand risks and opportunities and develop appropriate strategies – including mitigation and optimization – to ensure the effective realization of objectives.

The 2020 renewal of the URM policy continues to set the foundation for the program as the University focuses on streamlining roles, responsibilities and the framework. Adapted from best practices and international standards, the principal risk assessment process below facilitates a structured approach for risk-informed decision-making promoting innovative and collaborative solutions in support of Brock’s strategic plan. URM must be fluid to adapt to the ever-changing environment and complex university landscape. Through the leadership and commitment of the University, URM is positioned to continue to support the University in achieving objectives.

Figure 75



URM Principles, Framework and Process – CSA ISO 31000: 2018 adapted.





# Financial Statements of BROCK UNIVERSITY

## Year ended April 30, 2020

### Statement of Administrative Responsibility

The Administration of Brock University is responsible for the preparation of the financial statements, the notes and all other financial information contained in this annual report.

The Administration has prepared the financial statements in accordance with Canadian accounting standards for not-for-profit organizations. The Administration believes that the financial statements present fairly the University's financial position as at April 30, 2020 and the results of its operations for the year then ended.

In fulfilling its responsibilities and recognizing the limits inherent in all systems, the Administration has developed and maintains a system of internal control designed to provide reasonable assurance that University assets are safeguarded from loss and that the accounting records are a reliable basis for the preparation of the financial statements.

The Board of Trustees is responsible for ensuring that the Administration fulfils its responsibilities for financial reporting and is ultimately responsible for reviewing and approving the financial statements. The Board of Trustees carries out its responsibility for review of the financial statements principally through the Audit Committee. The members of the Audit Committee are not officers or employees of the University. The Audit Committee meets with the Administration, as well as the external auditors, to discuss the results of audit examinations and financial reporting matters and to satisfy itself that each party is properly discharging its responsibilities. The auditors have full access to the Audit Committee with and without the presence of the Administration.

The financial statements for the year ended April 30, 2020 have been reported on by KPMG LLP, Chartered Professional Accountants, Licensed Public Accountants, the auditors appointed by the Board of Trustees. The auditors' report outlines the scope of their audit and their opinion on the financial statements.

Gervan Fearon, Ph.D., CPA, CGA, ICD.D.  
President and Vice-Chancellor

Joshua Tonnos, MBA, CPA, CGA  
Associate Vice-President, Financial Services and Chief Financial Officer





KPMG LLP  
80 King Street, Suite 620  
St. Catharines ON L2R 7G1  
Canada  
Tel 905-685-4811  
Fax 905-682-2008

## INDEPENDENT AUDITORS' REPORT

To the Trustees of Brock University

### **Opinion**

We have audited the accompanying financial statements of Brock University (the University), which comprise:

- the statement of financial position as at April 30, 2020
- the statement of operations for the year then ended
- the statement of changes in net assets for the year then ended
- the statement of cash flows for the year then ended
- and notes to the financial statements, including a summary of significant accounting policies

(Hereinafter referred to as the "financial statements").

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the University as at April 30, 2020, and its results of operations, its changes in net assets and its cash flows for the year then ended in accordance with Canadian accounting standards for not-for-profit organizations.

### **Basis for Opinion**

We conducted our audit in accordance with Canadian generally accepted auditing standards. Our responsibilities under those standards are further described in the "Auditors' Responsibilities for the Audit of the Financial Statements" section of our auditors' report.

We are independent of the University in accordance with the ethical requirements that are relevant to our audit of the financial statements in Canada and we have fulfilled our other ethical responsibilities in accordance with these requirements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

KPMG LLP is a Canadian limited liability partnership and a member firm of the KPMG network of independent member firms affiliated with KPMG International Cooperative ("KPMG International"), a Swiss entity. KPMG Canada provides services to KPMG LLP.



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### **Responsibilities of Management and Those Charged with Governance for the Financial Statements**

Management is responsible for the preparation and fair presentation of the financial statements in accordance with Canadian accounting standards for not-for-profit organizations, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the University's ability to continue as a going concern, disclosing as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the University or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the University's financial reporting process.

### **Auditors' Responsibilities for the Audit of the Financial Statements**

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion.

Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Canadian generally accepted auditing standards will always detect a material misstatement when it exists.

Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of the financial statements.

As part of an audit in accordance with Canadian generally accepted auditing standards, we exercise professional judgment and maintain professional skepticism throughout the audit.

We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion.

The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control.





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- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the University's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditors' report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the University to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

*KPMG LLP*

Chartered Professional Accountants, Licensed Public Accountants

St. Catharines, Canada  
June 25, 2020

BROCK UNIVERSITY

Statement of  
Financial Position

As at April 30, 2020 with comparative  
information for 2019  
(in thousands of dollars)

	2020	2019
<b>Assets</b>		
Current assets:		
Cash and cash equivalents (note 2)	\$58,346	\$57,342
Accounts receivable	24,450	23,960
Government grants receivable	4,783	6,275
Prepaid expenses and other assets	393	106
Inventories	1,536	1,424
	89,508	89,107
Restricted investments (note 3)	151,778	162,356
Capital assets (note 4)	441,828	422,355
Employee future benefits asset (note 9)	2,083	2,795
	\$685,197	\$676,613
<b>Liabilities and Net Assets</b>		
Current liabilities:		
Accounts payable and accrued liabilities (note 16)	\$39,332	\$36,577
Deferred revenue	37,537	34,802
Deferred contributions (note 5)	9,600	8,350
Current portion of long-term debt (note 6)	1,962	16,367
	88,431	96,096
Long-term debt (note 6)	47,295	34,857
Debenture payable (note 7)	90,182	90,283
Deferred capital contributions (note 8)	196,338	201,201
Employee future benefits obligation (note 9)	31,659	26,786
Total liabilities	453,905	449,223
<b>Net assets:</b>		
Endowments (note 10)	103,896	107,026
Invested in capital assets (note 11)	115,441	95,206
Internally restricted (note 12)	41,438	49,064
Employee future benefits	(29,576)	(23,991)
Unrestricted	93	85
	231,292	227,390
Commitments (note 13)		
Contingencies (notes 14 and 15)		
Subsequent events (note 19)		
	\$685,197	\$676,613

The accompanying notes are an integral part of these financial statements.

On behalf of the Board:

 Trustee  Trustee



BROCK UNIVERSITY

Statement of Operations

Year ended April 30, 2020 with comparative information for 2019 (in thousands of dollars)

	2020	2019
Revenues:		
Student fees	\$185,818	\$178,739
Government grants	95,344	96,442
Ancillary operations	31,940	33,379
Sales and services	17,922	16,126
Other revenues for restricted purposes	4,224	3,896
Investment income	3,036	3,415
Research grants for restricted purposes (note 17)	11,715	14,592
Amortization of deferred capital contributions (note 8)	8,239	7,328
	358,238	353,917
Expenses:		
Salaries and benefits	227,265	220,714
Operating expenses	43,369	45,587
Scholarships, fellowships and bursaries	24,681	23,612
Expendable equipment, repairs and maintenance	10,461	10,036
Utilities and taxes	6,338	5,639
Interest on long-term debt	6,975	7,103
Cost of sales	5,506	5,664
Amortization of capital assets	21,738	19,643
	346,333	337,998
Excess of revenues over expenses	11,905	15,919
Net transfers from (to) internally restricted net assets	7,626	(804)
Net transfers to invested in capital assets	(20,235)	(15,681)
Net transfers from employee future benefits	712	595
Change in unrestricted net assets in the year	(11,897)	(15,890)
Unrestricted net assets, beginning of year	85	56
Unrestricted net assets, end of year	\$93	\$85

The accompanying notes are an integral part of these financial statements.

BROCK UNIVERSITY

Statement of Changes in Net Assets

Year ended April 30, 2020 with comparative information for 2019 (in thousands of dollars)

April 30, 2020	Employee future benefits	Endowments (note 10)	Invested in capital assets (note 11)	Internally restricted (note 12)	Unrestricted	Total
Net assets, beginning of year	\$(23,991)	\$107,026	\$95,206	\$49,064	\$85	\$227,390
Excess of revenues over expenses (expenses over revenues)	-	-	(13,499)	-	25,404	11,905
Change in internally restricted net assets	-	-	-	(7,626)	7,626	-
Net change in investment in capital assets (note 11(b))	-	-	33,734	-	(33,734)	-
Actuarial loss in employee future benefits	(4,873)	-	-	-	-	(4,873)
Net current service charge in employee future benefits	(712)	-	-	-	712	-
Change in endowment net assets (note 10(a))	-	(3,130)	-	-	-	(3,130)
Net assets, end of year	\$(29,576)	\$103,896	\$115,441	\$41,438	\$93	\$231,292

April 30, 2019	Employee future benefits	Endowments (note 10)	Invested in capital assets (note 11)	Internally restricted (note 12)	Unrestricted	Total
Net assets, beginning of year	\$(33,472)	\$96,671	\$79,603	\$48,260	\$56	\$191,118
Excess of revenues over expenses (expenses over revenues)	-	-	(12,315)	-	28,234	15,919
Change in internally restricted net assets	-	-	-	804	(804)	-
Net change in investment in capital assets (note 11(b))	-	-	27,918	-	(27,996)	(78)
Actuarial gain in employee future benefits	10,076	-	-	-	-	10,076
Net current service charge in employee future benefits	(595)	-	-	-	595	-
Change in endowment net assets (note 10(a))	-	10,355	-	-	-	10,355
Net assets, end of year	\$(23,991)	\$107,026	\$95,206	\$49,064	\$85	\$227,390

The accompanying notes are an integral part of these financial statements.



BROCK UNIVERSITY

Statement of Cash Flows

Year ended April 30, 2020 with comparative information for 2019 (in thousands of dollars)

	2020	2019
Cash provided by (used in):		
Operating activities:		
Excess of revenues over expenses	\$11,905	\$15,919
Add (deduct) non-cash items:		
Amortization of capital assets	21,738	19,643
Amortization of deferred capital contributions	(8,239)	(7,328)
Amortization of deferred charges on debenture payable	(101)	47
Sale of land	-	(78)
	25,303	28,203
Net change in non-cash working capital balances related to operations:		
Increase in accounts receivable	(490)	(576)
Decrease (increase) in government grants receivable	1,492	(161)
(Increase) decrease in prepaid expenses and other assets	(287)	291
Increase in inventories	(112)	(324)
Decrease in intangible asset	-	1,037
Increase in accounts payable and accrued liabilities	2,755	2,467
Increase in deferred revenue	2,735	3,927
Increase (decrease) in deferred contributions	1,250	(723)
Net current service charge in employee future benefits	712	595
	8,055	6,533
Cash provided by operating activities	33,358	34,736
Financing activities:		
Contributions restricted for capital purposes	3,376	11,306
Increase in long-term debt	14,400	
Repayment of long-term debt	(16,367)	(2,458)
Cash provided by financing activities	1,409	8,848
Investing activities:		
Net change in restricted investments	10,578	(10,030)
Purchase of capital assets	(41,211)	(38,467)
Change in endowment net assets	(3,130)	10,355
Cash used in investing activities	(33,763)	(38,142)
Increase in cash	1,004	5,442
Cash and cash equivalents, beginning of year	57,342	51,900
Cash and cash equivalents, end of year	\$58,346	\$57,342

The accompanying notes are an integral part of these financial statements.

BROCK UNIVERSITY

Notes to Financial Statements

Year ended April 30, 2020

Incorporated in 1964, Brock University flourishes through the scholarly, creative, and professional achievement of its students, faculty and staff. Offering a range of undergraduate and graduate programs, Brock fosters teaching and research of the highest quality. As a diverse and inclusive community, we contribute positively to Canada and beyond through our imagination, innovation and commitment.

These financial statements reflect the assets, liabilities, net assets, revenue, expenses and other transactions of all of the operations controlled by the University. Accordingly, these financial statements include the academic, administrative and other operating expenditures funded by fees, grants and other general revenue; restricted purpose funds, including endowment, research and trust; and the ancillary operations, such as residence and parking.

The University is a charitable organization and, as such, is exempt from income taxes under the Income Tax Act (Canada).

1. Significant accounting policies:

These financial statements have been prepared in accordance with Canadian Accounting Standards for Not-For-Profit Organizations in Part III of the CPA Canada Handbook.

- (a) Cash and cash equivalents:

Cash equivalents are held for the purpose of meeting short-term commitments and are readily convertible to a known amount of cash and are subject to an insignificant amount of risk of changes in value. Cash equivalents include money market funds and investments with maturities of three months or less from the date of acquisition. Cash and cash equivalents are valued at fair value.
- (b) Inventories:

Inventories are stated at the lower of cost, which is determined using the weighted average cost approach and net realizable value.
- (c) Investments:

Investments are recorded at fair value.
- (d) Capital assets:

Purchased capital assets are recorded at cost less accumulated amortization. Contributions of capital assets are capitalized at fair market value at the date of contribution. Capital assets are amortized on a straight-line basis using the following annual rates:

Asset	Rate
Buildings	2.5% to 10%
Furnishings and equipment	10% to 33 1/3%
Library books	20%

Construction costs are capitalized as work progresses and amortization commences as work is substantially completed. The carrying amount of capital assets is tested for recoverability whenever events or changes in circumstances indicate that the carrying amount may not be recoverable. An impairment loss is recognized in the Statement of Operations when the asset's carrying amount is not recoverable and exceeds its fair value.



1. Significant accounting policies (continued):

(e) Works of art:

Contributed works of art are recorded as revenue and expense, at fair market value, at the date of contribution. If the fair market value is not determinable, the contribution is recorded at a nominal amount. Artwork purchases are expensed as acquired.

(f) Endowments:

Contributions restricted for endowments consist of restricted donations received by the University and donations internally designated by the Board of Trustees, in the exercise of its discretion. The endowment principal is required to be maintained intact. The investment income generated from endowments must be used in accordance with the various purposes established by donors or the Board of Trustees. The University ensures, as part of its fiduciary responsibilities, that all funds received with a restricted purpose are expended for the purpose for which they were provided.

Investment income on endowments that is available for spending at the discretion of the University or is available for spending as the conditions established by the donor have been met has been recorded in the Statement of Operations. University policy has been established with the objective of protecting the real value of the endowments by having an overall investment objective for endowments to earn, over time, a rate of return at least equal to the total of inflation plus spending and the costs of administering the funds. The spending rate is reviewed annually. Investment income in excess of administration costs and spending allocations will be added to capital. In the case of endowments where the original donation adjusted for inflation is higher than the market value of the fund, spending may be temporarily suspended in order to preserve donor capital.

(g) Internally restricted net assets:

The University internally restricts the use of portions of its unrestricted net assets for specific future use. Transfers to internally restricted net assets only occur once authorized by the Board of Trustees. When expenses are incurred, expenses are charged to the Statement of Operations and the balance of internally restricted net assets is reduced accordingly.

(h) Revenue recognition:

The University follows the deferral method of accounting for contributions. Unrestricted contributions are recognized as revenue when received or receivable, if the amount to be received can be reasonably estimated and collection is reasonably assured. Pledged donations are recognized on a cash basis since pledges are not legally enforceable claims. Contributions externally restricted for purposes other than endowment are deferred and recognized as revenue in the year in which the related expenses are recognized. Contributions restricted for the purchase of capital assets are deferred and amortized into revenue on a straight-line basis at a rate corresponding with the amortization rate for the related capital asset. Endowment contributions are recognized as direct increases in net assets in the year in which they are received. Student fees are recognized as revenue when courses and seminars are held. Sales and services and ancillary revenue is recognized at the point of sale or when the service has been provided.

(i) Employee future benefits:

The University provides pension benefits to employees primarily through a hybrid pension plan. Under this arrangement, the University and employees are required to make contributions based on a specific percentage of the employee's earnings. The amount of pension benefits provided to employees is based on the accumulation of contributions and investment earnings thereon, when the employee retires, subject to a guaranteed minimum benefit amount. Certain faculty are also members of the Teacher's Superannuation Fund, a multi-employer defined benefit plan.

The University provides other non-pension benefits to most of its employees, including retiree medical and dental benefits until the age of 65, accumulating sick leave benefits, pre-retirement leave benefits and for specific employees a health-care spending account.

The University accrues its benefit obligations for these employee future benefits as the employees render the services necessary to earn them. The actuarial determination of the accrued benefit obligations for these employee future benefits uses the projected benefit method prorated on service. For purposes of measuring the benefit obligations, the funding valuation is used for the pension and the accounting valuation is used for the non-pension benefits.

The University recognizes the amount of benefit obligations net of the fair value of plan assets in the Statement of Financial Position. Current service and finance costs are expensed during the year, while remeasurement and other items, representing the total of the difference between actual and expected return on plan assets, actuarial gains and losses, and past service costs, are recognized as a direct increase or decrease in net assets within the employee future benefits fund. In years between valuations, a roll-forward technique is used to estimate the accrued benefit obligations.

The most recent actuarial valuation of the pension plan for funding purposes was as of July 1, 2017 and the next required valuation will be as of July 1, 2020.

The most recent actuarial valuation of the non-pension benefits for accounting purposes was as of April 30, 2020.

(j) Derivative financial instrument and hedge accounting:

The University is party to interest rate swap agreements used to manage the exposure to market risks from changing interest rates. The University applies hedge accounting for its interest rate swaps. Payments and receipts under the interest rate swaps are recognized as adjustments to interest expense on long-term debt.

The University's policy is not to utilize derivative financial instruments for trading or speculative purposes.



1. Significant accounting policies (continued):

(k) Pledges:

Pledges are recorded as revenue on a cash basis and accordingly are not recognized as an asset in the Statement of Financial Position. The total amount of pledges outstanding is approximately \$8,710,000 (2019 – \$9,292,000) and is expected to be received as follows:

(000's)	2020	2019
2020	-	\$1,565
2021	846	512
2022	332	301
2023	211	183
2024	195	180
2025	188	-
Thereafter	6,938	6,552
	\$8,710	\$9,293

(l) Financial instruments:

Financial instruments are recorded at fair value on initial recognition. Freestanding derivative instruments that are not in a qualifying hedging relationship and equity instruments that are quoted in an active market are subsequently measured at fair value. All other financial instruments are subsequently recorded at cost or amortized cost, unless management has elected to carry the instruments at fair value.

Transaction costs incurred on the acquisition of financial instruments measured subsequently at fair value are expensed as incurred. All other financial instruments are adjusted by transaction costs incurred on acquisition and financing costs, which are amortized using the effective interest rate method.

Financial assets are assessed for impairment on an annual basis at the end of the fiscal year if there are indicators of impairment. If there is an indicator of impairment, the University determines if there is a significant adverse change in the expected amount or timing of future cash flows from the financial asset. If there is a significant adverse change in the expected cash flows, the carrying value of the financial asset is reduced to the highest of the present value of the expected cash flows, the amount that could be realized from selling the financial asset or the amount the University expects to realize by exercising its right to any collateral. If events and circumstances reverse in a future period, an impairment loss will be reversed to the extent of the improvement, not exceeding the initial carrying value.

(m) Contributed services and materials:

Volunteers contribute an indeterminable number of hours per year as well as various materials used by the University in carrying out the provision of services. Because of the difficulty of determining their fair value, contributed services and materials are not recognized in these financial statements.

(n) Use of estimates:

The preparation of financial statements in conformity with Canadian Accounting Standards for Not-For-Profit organizations requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenses for the period reported. Significant items subject to such estimates and assumptions include the carrying amount of capital assets, valuation allowances for receivables, valuation of derivative financial instruments, accrued liabilities and obligations related to employee future benefits. Actual results could differ from those estimates. These estimates are reviewed periodically, and, as adjustments become necessary, they are reported in income in the year in which they become known.

(o) New accounting standards adopted during the year:

In March 2018, the Accounting Standards Board issued “Basis for Conclusions – Accounting Standards Improvements for Not-for-Profit Organizations” resulting in the introduction of three new handbook sections in the accounting standards for not-for-profit organizations – Part III of the Handbook as follows:

Section 4433, Tangible capital assets held by not-for-profit organizations, which directs organizations to apply the accounting guidance of Section 3061, Property Plant and Equipment in Part II of the Handbook. In so doing, the new section requires that organizations annually assess for partial impairment of tangible capital assets, to be recorded where applicable, as a non-reversible impairment expense. In addition, where practical, to componentize capital assets when estimates can be made of the useful lives of the separate components.

The University adopted these standards effective May 1, 2019. The implementation of these changes had no impact on the financial statements.



## 2. Cash and cash equivalents:

The fair values of the cash and cash equivalents are comprised of:

(000's)	2020	2019
Cash and cash equivalents	\$56,563	\$49,085
Held for future capital projects		
Cash and cash equivalents	1,783	8,257
	\$58,346	\$57,342

## 3. Restricted investments:

The fair value of investments are as follows:

(000's)	2020	2019
Invested for endowments		
Cash and cash equivalents	\$61	\$127
Walter Scott & Partners Global Equity Fund	51,900	51,939
Mawer Canadian Equity Pooled Fund	13,676	14,891
Barings Global High Yield Credit Strategies Fund	17,425	19,977
AllianceBernstein Core Plus Bond Fund	20,834	20,092
	103,896	107,026
Invested for unspent capital projects		
Cash and cash equivalents	1,386	980
Invested for future loan repayments		
Mawer Balanced Fund	7,607	7,370
Invested for employee future benefit reserve		
Mawer Balanced Fund	5,662	5,485
Invested for other restricted purposes		
Cash and cash equivalents	32,552	40,798
TD Global Equity Investments	675	697
	33,227	41,495
	\$151,778	\$162,356

## 4. Capital assets:

April 30, 2020 (000's)	Cost	Accumulated amortization	Net book value
Land	\$59,690	\$-	\$59,690
Buildings	607,421	252,822	354,599
Furnishings and equipment	76,626	51,290	25,336
Library books	45,335	43,132	2,203
	\$789,072	\$347,244	\$441,828

April 30, 2019 (000's)	Cost	Accumulated amortization	Net book value
Land	\$59,690	\$-	\$59,690
Buildings	571,957	236,914	335,043
Furnishings and equipment	72,781	47,392	25,389
Library books	44,558	42,325	2,233
	\$748,986	\$326,631	\$422,355

Included in buildings and furnishings and equipment is \$30,328,819 (2019 – \$22,925,966) of construction in progress that was not amortized during the year.

The increase in net book value of capital assets is due to the following:

(000's)	2020	2019
Balance, beginning of year	\$422,355	\$403,531
Purchase of capital assets funded by deferred capital contributions	2,970	13,258
Purchase of capital assets internally financed	23,911	25,538
Purchase of capital assets financed by proceeds of long term debt	14,330	(329)
Amortization of capital assets	(21,738)	(19,643)
Balance, end of year	\$441,828	\$422,355

## 5. Deferred contributions:

Deferred contributions represent unspent externally restricted grants and donations for research and other restricted purposes. The changes in the deferred contributions balance are as follows:

(000's)	2020	2019
Balance, beginning of year	\$8,350	\$9,073
Grants, donations and other expendable funds	12,789	13,629
Amounts recorded as revenue during the year	(11,539)	(14,352)
Balance, end of year	\$9,600	\$8,350



## 6. Long-term debt:

(000's)	2020	2019
Fixed rate instruments:		
Earp student residence:		
7.2% loan with certain residences and investments pledged as security, with monthly blended payments of principal and interest of \$91, due October 1, 2028	\$6,894	\$7,462
Lowenberger student residence:		
7.2% loan with certain residences and investments pledged as security, with monthly blended payments of principal and interest of \$72, due October 1, 2028	5,472	5,923
Cairns Family Health and Bioscience Research Complex:		
4.69% mortgage loan with monthly blended payments of principal and interest of \$159, due June 29, 2022	22,491	23,319
Marilyn I. Walker School of Fine and Performing Arts Building:		
2.45% serial mortgage loan with fixed monthly principal payments of \$60 plus interest, matured on June 3, 2019	-	14,520
Student Experience Projects:		
2.49% interest only payments with the principal repayable in full on or before June 3, 2024	14,400	-
	49,257	51,224
Less current portion	1,962	16,367
	\$47,295	\$34,857

Debt maturities:

The following are the future minimum annual debt principal repayments due over the next five fiscal years and thereafter:

(000's)	
2021	\$1,962
2022	2,085
2023	21,978
2024	1,358
2025	15,859
Thereafter	6,015
	\$49,257

(a) Bank credit facility:

The University has available operating lines of credit of \$20,000,000 and \$5,000,000 which were not utilized at April 30, 2020. The interest rate on the operating lines of credit, when drawn, are the Bank's Prime lending rate from time to time minus 0.55% and the Bank's Prime lending rate from time to time, respectively (the prime rate at April 30, 2020 was 2.45%). Amounts are due on demand.

(b) Interest rate swap:

The University has entered into interest rate swap agreements to manage the volatility of interest rates.

The University converted a net notional of \$28,000,000 of floating rate long-term debt relating to the Cairns Family Health and Bioscience Research Complex. The fixed rate paid under the interest rate swap is 4.69%. The maturity date of the interest rate swap is the same as the maturity date of the associated long-term debt of June 29, 2022.

The University converted a net notional of \$18,000,000 of floating rate long-term debt relating to the Marilyn I. Walker School of Fine and Performing Arts Building. The fixed rate paid under the interest rate swap was 2.45%. The maturity date of the interest rate swap is the same as the maturity date of the associated long-term debt and matured June 3, 2019.

The University converted a net notional of \$14,400,000 of floating rate long-term debt relating to the Student Experience Projects. The fixed rate paid under the interest rate swap is 2.49%. The maturity date of the interest rate swap is the same as the maturity date of the associated long-term debt of June 3, 2024.

The notional and fair values of the interest rate swap agreements is as follows:

(000's)	2020		2019	
	Notional value	Fair value	Notional value	Fair value
Cairns Family Health and Bioscience Research Complex	\$22,491	\$24,025	\$23,319	\$24,613
Marilyn I. Walker School of Fine and Performing Arts Building	-	-	14,520	14,593
Student Experience Projects	14,400	15,189	-	-
	\$36,891	\$39,214	\$37,839	\$39,206

The fair value of the swaps are determined using the benchmark valuation methodology without consideration for non-performance or counterparty risk.

## 7. Debenture payable:

(000's)	2020	2019
Debenture payable, bearing interest at 4.967%, \$2,309 payable interest only semi-annually, due December 14, 2045	93,000	93,000
Deferred refinancing expenses	(2,668)	(2,717)
Deferred refinancing expenses (note 19 (b))	(150)	-
	\$90,182	\$90,283

The fair value of the debenture payable is \$129,055,170 (2019 – \$117,288,810). Fair value has been determined using the market quote of the debenture which as at April 30, 2020 was \$138.77 (2019 – \$126.18).

The University has established an internal sinking fund and purchased units in the Mawer Balanced Fund with a market value of \$7,606,827 (2019 – \$7,369,771). It is the University's policy to annually review the sinking fund investment structure and required contributions so that the ultimate proceeds of the investments will be applied against the debenture payable, due December 14, 2045 (note 3).



8. Deferred capital contributions:

Deferred capital contributions represent the unamortized amount of donations and grants received for the purchase of capital assets. The amortization of deferred capital contributions is recorded as revenue in the Statement of Operations. The changes in the deferred capital contributions balance are as follows:

(000's)	2020	2019
Balance, beginning of year	\$201,201	\$197,223
Less amortization of deferred capital contributions	(8,239)	(7,328)
Add contributions restricted for capital purposes	3,376	11,306
Balance, end of year	\$196,338	\$201,201

The balance of unamortized capital contributions related to capital assets consists of the following:

(000's)	2020	2019
Unamortized capital contributions used to purchase assets	\$194,952	\$200,221
Unspent capital contributions	1,386	980
	\$196,338	\$201,201

9. Employee future benefits obligation:

(a) Pension benefit plan:

The University sponsors a hybrid pension plan, which contains both a defined contribution component and a defined benefit component. The defined contribution component of the plan is funded by University and member contributions and provides a benefit to members based on their accumulated account balance. The defined benefit component of the plan is funded by University contributions and provides for a guaranteed minimum benefit. The latest actuarial funding valuation was performed as at July 1, 2017. The next required actuarial funding valuation will be completed on or before July 1, 2020. The impact of the COVID-19 pandemic as described in Note 19 (a) may have a material impact on world markets that may impact future returns on investments and ultimately the impact on the University's defined benefit component of the pension plan.

The University measured its accrued benefit obligation and fair value of plan assets for accounting purposes as at April 30, 2020. A summary of the financial status of the plan is as follows:

(000's)	2020	2019
Accrued benefit obligation	\$574,150	\$558,549
Fair value of plan assets	576,233	561,344
Accrued benefit asset	\$2,083	\$2,795

The principal actuarial assumptions adopted in measuring the University's employee future benefits obligation are as follows:

	2020	2019
Discount rate on defined benefit costs	5.45%	5.45%
Rate of compensation increases	3.25%	3.25%
Expected long-term rate of return on plan assets	6.00%	6.00%

The contribution and the amount expensed for the University's pension benefit plans are as follows:

(000's)	2020	2019
Current service cost (defined contribution)	\$12,430	\$12,112
Current service cost (defined benefit)	1,912	1,863
Unfunded liability (going concern)	1,939	1,812
Total	\$16,281	\$15,787

(b) Other benefit plans:

The University has a number of non-pension future benefits that are available to most of its employees. These non-pension benefits include retiree medical and dental benefits until the age of 65, accumulating sick leave benefits and pre-retirement leave benefits and, for specific employees, a health-care spending account. The latest actuarial accounting valuation was performed as at April 30, 2020.

A summary of the financial status of the plans is as follows:

(000's)	2020	2019
Accrued benefit obligation	\$31,659	\$26,786
Fair value of plan assets	-	-
Accrued benefit liability	\$31,659	\$26,786

The University established an internally restricted reserve (note 12) for employee future benefits of \$7,248,601 (2019 – \$7,072,166).

The principal actuarial assumptions adopted in measuring the University's employee future benefits obligation are as follows:

	2020	2019
Discount rate	2.50% – 3.20%	2.90% – 3.40%
Prescription drug costs	7.15% (2019 – 7.15%) decreasing to 4.00% in and after 2040	
Other benefits costs	4.00%	4.00%
Health Care Spending Account	2.00%	2.00%

The expense for the University's other benefit plans is as follows:

(000's)	2020	2019
Non-pension defined benefit plans	\$5,325	\$4,250
Non-pension benefit plans	675	697
Total	\$6,000	\$4,947



10. Endowments:

(a) Change in endowment net assets:

The following were recorded directly to endowment net assets:

(000's)	2020	2019
Contributions restricted for endowments	\$1,352	\$1,887
Investment income	4,633	7,032
Internally allocated for endowment spending	(2,929)	(2,464)
Unrealized (loss) gain	(6,186)	3,900
	\$3,130	\$10,355

It is the University's policy to endow any amounts not made available for spending during the fiscal year. These amounts are recorded as a direct increase to endowments as preservation of capital.

(b) Contributions restricted for endowments consist of the following:

(000's)	2020	2019
Externally endowed	\$96,324	\$99,159
Internally endowed	7,572	7,867
	\$103,896	\$107,026

(c) Ontario Student Opportunity Trust Fund, Phase One:

Externally restricted endowments include grants provided by the Government of Ontario from the Ontario Student Opportunity Trust Fund ("OSOTF") matching program, Phase One to award student aid as a result of raising an equal amount of endowed donations. The OSOTF represents a portion of the endowment fund.

Schedule of Changes in Expendable Funds Available for Awards:

(000's)	2020	2019
Expendable funds available for awards, beginning of year	\$1,701	\$1,323
Investment income eligible for expenditures	565	880
Bursaries awarded	(440)	(502)
Expendable funds available for awards, end of year	\$1,826	\$1,701
Total OSOTF, Phase One, end of year	\$12,080	\$11,752
Number of bursaries awarded	130	130

Schedule of Changes in Endowment Balance based on book and market value:

(000's)	2020		2019	
	Market	Book	Market	Book
Endowment balance, beginning of year	\$14,523	\$10,052	\$13,473	\$9,479
Unrealized (loss) gain for the year	(742)	-	477	-
Investment income less bursaries awarded	203	203	573	573
Endowment balance, end of year	\$13,984	\$10,255	\$14,523	\$10,052

(d) Ontario Student Opportunity Trust Fund, Phase Two:

Externally restricted endowments include grants provided by the Government of Ontario from the OSOTF matching program, Phase Two to award student aid as a result of raising an equal amount of endowed donations. The OSOTF represents a portion of the endowment fund.

Schedule of Changes in Expendable Funds Available for Awards:

(000's)	2020	2019
Expendable funds available for awards, beginning of year	\$854	\$714
Investment income eligible for expenditures	220	341
Bursaries awarded	(174)	(201)
Expendable funds available for awards, end of year	\$900	\$854
Total OSOTF, Phase Two, end of year	\$4,846	\$4,727
Number of bursaries awarded	31	31

Schedule of Changes in Endowment Balance based on book and market value:

(000's)	2020		2019	
	Market	Book	Market	Book
Endowment balance, beginning of year	\$5,579	\$3,872	\$5,180	\$3,656
Unrealized (loss) gain for the year	(290)	-	183	-
Investment income less bursaries awarded	74	74	216	216
Endowment balance, end of year	\$5,363	\$3,946	\$5,579	\$3,872

(e) Ontario Trust for Student Support:

Externally restricted endowments include grants provided by the Government of Ontario from the Ontario Trust for Student Scholarship ("OTSS") matching program to award student aid as a result of raising an equal amount of endowment donations to an allocated ceiling. The OTSS represents a portion of the endowment fund.



10. Endowments (continued):

Schedule of Changes in Expendable Funds Available for Awards:

(000's)	2020	2019
Expendable funds available for awards, beginning of year	\$5,010	\$4,146
Investment income eligible for expenditures	1,202	1,870
Bursaries awarded	(874)	(1,006)
Expendable funds available for awards, end of year	\$5,338	\$5,010
Total OTSS, end of year	\$27,028	\$26,289
Number of bursaries awarded	543	583

Schedule of Changes in Endowment Balance based on book and market value:

(000's)	2020		2019	
	Market	Book	Market	Book
Endowment balance, beginning of year	\$30,887	\$21,277	\$28,679	\$20,083
Unrealized (loss) gain for the year	(1,577)	-	1,014	-
Investment income less bursaries awarded	411	411	1,194	1,194
Endowment balance, end of year	\$29,721	\$21,688	\$30,887	\$21,277

11. Net assets invested in capital assets:

(a) Net assets invested in capital assets consist of the following:

(000's)	2020	2019
Capital assets, net (note 4)	\$441,828	\$422,355
Less amounts financed by:		
Long-term debt (note 6)	(49,257)	(51,224)
Deferred capital contributions (note 8)	(194,952)	(200,221)
Debenture payable	(83,961)	(83,961)
Cash and cash equivalents held for future capital projects (note 2)	1,783	8,257
Balance, end of year	\$115,441	\$95,206

(b) The change in net assets invested in capital assets is calculated as follows:

(000's)	2020	2019
Repayment of long-term debt	\$1,967	\$2,458
Purchase of capital assets internally financed (note 4)	23,911	25,538
Debt repayment transfer	7,856	-
Sale/Donated land	-	(78)
Increase in invested in capital assets	33,734	27,918
Amortization expense	(21,738)	(19,643)
Less amortization of deferred capital contributions	8,239	7,328
Decrease in invested in capital assets	(13,499)	(12,315)
Net change in invested in capital assets	\$20,235	\$15,603

12. Internally restricted net assets:

Internally restricted net assets for allocation and spending in subsequent years consist of the following:

(000's)	2020	2019
Capital and infrastructure projects and reserves	\$(2,769)	\$7,224
Operating project accounts	5,497	2,791
Research funds with no external obligations	2,566	2,341
Start-up funds	1,459	1,171
Professional expense reimbursement accounts	2,999	2,738
Sinking fund (note 7)	7,607	7,370
Employee future benefits reserve (note 9)	7,249	7,072
Debt repayment reserve	384	6,753
Contingency reserve	5,514	3,558
Strategic initiative fund	9,799	7,596
Encumbrance reserve	1,133	450
	\$41,438	\$49,064

13. Commitments:

- a) As at April 30, 2020, the estimated costs to complete approved capital and renovation projects are approximately \$64,825,000 (2019 – \$2,193,000), which will be funded by government grants, donations, debt and operations.
- b) The following are the future minimum annual operating lease payments due over the next five fiscal years and thereafter (in 000's):

(000's)	
2021	\$3,556
2022	2,287
2023	2,287
2024	1,401
2025	1,188
Thereafter	419
	\$11,138

14. Canadian Universities Reciprocal Insurance Exchange:

The University is a member of the Canadian Universities Reciprocal Insurance Exchange (CURIE). CURIE is a pooling of the property damage and public liability insurance risks of its members. All members pay annual deposit premiums that are actuarially determined and are subject to further assessment in the event members' premiums are insufficient to cover losses and expenses. No assessment has been made for the year ended April 30, 2020.



15. Contingencies:

The nature of the University’s activities are such that there may be litigation pending or in the prospect at any time. With respect to claims at April 30, 2020, the Administration believes that the University has valid defenses and appropriate insurance coverage in place. In the event any claims are successful, Administration believes that such claims are not expected to have a material effect on the University’s financial position. No provision has been accrued in these financial statements.

16. Accounts payable and accrued liabilities:

Included in accounts payable and accrued liabilities are government remittances payable of \$4,651,000 (2019 – \$4,317,000), which includes amounts payable for payroll-related taxes.

17. Research revenue and expenses:

The Statement of Operations consolidates all the revenue and expense activity of the University. The schedule below separates externally restricted research revenue and expense by financial statement line item for increased transparency of research grant activity.

(000's)	2020	2019
Revenues:		
Grant revenue	\$11,539	\$14,352
Grant revenue – central overhead	176	240
	11,715	14,592
Expenses:		
Salaries and benefits	2,888	3,769
Operating expenses	4,622	5,483
Scholarships, fellowships and bursaries	2,754	2,677
Expendable equipment, repairs and maintenance	1,451	2,663
	11,715	14,592
Excess of revenue over expenses	\$-	\$-

18. Financial risks:

(a) Credit risk:

Credit risk refers to the risk that a counterparty may default on its contractual obligations resulting in a financial loss. The University deals with creditworthy counterparties to mitigate the risk of financial loss from defaults.

The carrying amount of accounts receivable is valued with consideration for an allowance for doubtful accounts. The amount of any related impairment loss is recognized in the statement of operations. Subsequent recoveries of impairment losses related to accounts receivable are credited to the statement of operations. The balance of the allowance for doubtful accounts at April 30, 2020 is \$5,332,268 (2019 – \$4,650,425). Aside from the potential impacts described in Note 19 (a), there has been no other changes in the credit risk exposure compared to the prior year.

18. Financial risks (continued)

(b) Interest rate risk:

The University is exposed to interest rate risk on its fixed and floating interest rate financial instruments. Fixed-interest instruments subject the University to a fair value risk while the floating-rate instruments subject it to a cash flow risk.

The University mitigates interest rate risk on its term debt through derivative financial instruments (interest rate swaps) that exchange the variable rate inherent in the term debt for a fixed rate (see note 6). Therefore, fluctuations in market interest rates would not impact future cash flows and operations relating to the term debt. There have been no changes in interest rate risk exposure as compared to the prior year.

(c) Currency risk:

The University is exposed to foreign currency risk with respect to its investments denominated in foreign currencies, including underlying investments in pooled funds denominated in foreign currencies because the fair value and future cash flows will fluctuate due to the changes in the relative value of the foreign currencies against the Canadian dollar. The University manages currency risk through monitoring activities and adherence to the investment policy. The University currently holds forward contracts to hedge 50% of its exposure to US dollar equity investments held in the endowment fund. At year end the University had forward foreign exchange contracts to sell currency with an aggregated value of \$11,007,000 USD (2019 – \$nil). At April 30, 2020 there is an approximate \$110,000 unrealized foreign exchange loss resulting from the mark to market of foreign exchange contracts.

(d) Liquidity risk:

Liquidity risk is the risk of being unable to meet cash requirements or to fund obligations as they become due. Accounts payable and accrued liabilities are generally paid shortly after year end. For long-term debt, the University has established investments to provide for cash flow requirements (notes 6 and 7). Aside from the potential impacts described in Note 19 (a), there has been no other changes in the liquidity risk exposure compared to the prior year.

(e) Market risk:

Market risk is the risk that the fair value of future cash flows of a financial instrument will fluctuate as a result of market factors. The University’s investment policies detail the objectives, management and guidelines of investment, as well as providing for an appropriate risk tolerance strategy. Aside from the potential impacts described in Note 19 (a), there has been no other changes in the market risk exposure compared to the prior year.



19. Subsequent Events

(a) COVID-19

Prior to April 30, 2020, the COVID-19 (the “pandemic”) outbreak was declared a pandemic by the World Health Organization. Brock University halted in-person activity and restricted its facilities to staff and students and moved to online education format in March 2020 based on recommendations from Public Health Ontario. The spring semester was moved to an online format and summer 2020 semester will continue in the same format. The University continues to monitor the situation and plan for the fall 2020 semester and beyond.

As a result of the pandemic, the University may experience increased risk exposure in several areas. This includes an increased credit risk exposure on accounts receivable where the risk of default on contractual obligations may increase.

The University’s fixed-rate financial instruments by way of swap contracts and application of hedge accounting help mitigate the potential exposure to changing interest rate risks.

The University’s investments are recognized at fair value and the impact of the pandemic has created volatility and uncertainty in world markets, which may ultimately lead to a loss on market value that is other than temporary. The ultimate length and duration of the pandemic is unknown and the potential magnitude of the impact on the University’s investments is not yet known at this time. The University continues to monitor investment balances and working with investment managers to mitigate the impact where possible.

The University’s defined benefit component of its pension plan is subject to the same increased risk exposure of the University’s investments as the underlying investments recognized within the pension plan are subject to market volatility and uncertainty for which the ultimate length and duration is not yet known at this time.

Due to COVID-19, Strategic Mandate Agreement 3 (“SMA3”) signing has been delayed by the Ministry of Colleges and Universities. SMA3 covers the 5-year period from 2020-21 to 2024-25. SMA3 establishes targets for the 10 metrics upon which the institutional performance funding will be assessed.

As at April 30, 2020, the University did not have significant adjustments to reflect the possible future impact of COVID-19. Management has assessed the going concern assumptions and believes there are no issues given the University has a strong working capital base and access to sufficient liquid resources to see through operations in the coming year. Given the outcome and timeframe to a recovery from the current pandemic is highly unpredictable, it is not practicable to estimate and disclose its financial effect on future operations at this time.

(b) Bond Debenture

On May 15, 2020, the University issued a debenture for \$125,000,000, bearing interest at 3.033%, interest payable semi-annually, with principal due on May 17, 2060. The debenture proceeds will be used to fund capital projects and renewal of upcoming debt maturities.

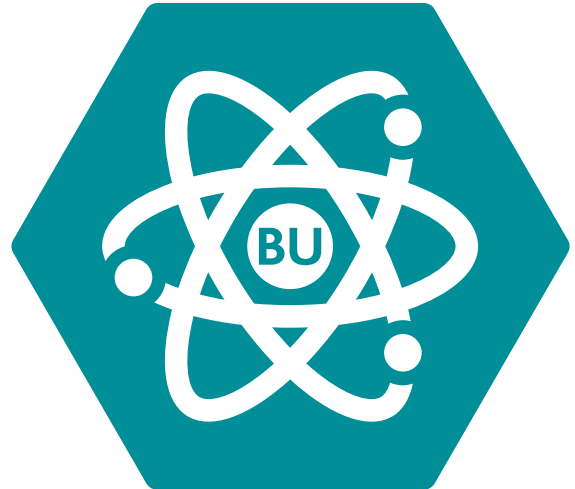




## Institutional Strategic Priorities



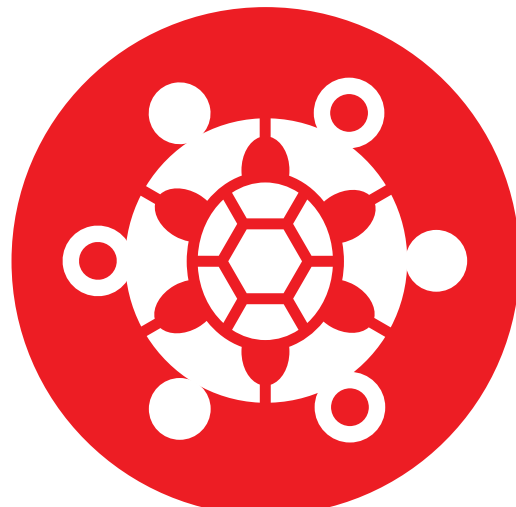
Student Experience



Research



Community Engagement



Inclusivity