

Brock

University

2020-21 ANNUAL REPORT

Including financial statements



Contents

Our financial health
Financial results 1
Chairs' message
Chair of the Board's message 2
Chair of Senate's message 3
Governance
Governance at Brock University 4
Board of Trustees 4
Senate (Pullout 1) i
Institutional Strategic Plan ii
The big picture iv
Student experience 9
New programs/course offering highlights 14
Research 15
Community engagement 21
Inclusivity 26
Brock Sports 30
Alumni Recognition awards 32
Brock student excellence 33
Teaching awards
Teaching Awards 2020-21 34
Teaching Assistant Awards 2020-21 35
Faculty Awards for Excellence in Teaching 2021 36
Graduate Studies awards 37
Research awards and Canada Research Chairs (CRC) 38
Excellence in staff (Pullout 2) i
Donor engagement ii
Excellence in 2020-21 (Timeline) iv
Our people 43
Reviewing the numbers
Financial facts 45
Overview 48
Financial results – funding basis 48
Revenue and expense allocation model 58
Funding basis reconciled to the Financial Statements 60
Examination of net assets 62
Financial review of the audited Financial Statements 64
Taking a closer look at some of the numbers 65
University Risk Management 73
Financial Statements
Statement of Administrative Responsibility 75
Independent Auditor's Report 76
Statement of Financial Position 79
Statement of Operations 80
Statement of Changes in Net Assets 81
Statement of Cash Flows 82
Notes to Financial Statements 83

This report contains certain forward-looking information. Users are cautioned that actual results may vary. Throughout the text in this annual report, financial values have been rounded to the nearest thousand.



President’s message

Gervan Fearon, President and Vice-Chancellor

As we look back on what has been another extraordinary year, it is my pleasure to extend warm greetings on behalf of the entire team at Brock University. Similar to the 2019-20 fiscal year, this has been a remarkable time that will be remembered for how it impacted all aspects of life. The 2020-21 fiscal calendar ended amidst the ongoing global COVID-19 pandemic and the increasing distribution of vaccines is providing a new sense of hope and possibilities across post-secondary institutions and Canadian society.

It is important that we take time to recognize the outstanding effort made by the entire Brock community throughout this pandemic. Each and every faculty member, staff and student should be thanked and applauded for their individual and collective contributions.

In spite of the challenges facing us, we were able to support the University’s mission of providing an outstanding student experience, academic and research excellence, community engagement and supporting an inclusive university environment.

Brock University took into account public health guidelines while taking action to support the health and well-being of the University and wider community. These actions included working together as a team to provide a primarily online, off-campus experience during the 2020-21 academic year.

We were able to continue to work to advance the University's strategic priorities aimed at meeting the needs of students, supporting faculty and staff efforts, and contributing to the capacity of the Niagara region, including addressing the many demands caused by the COVID-19 pandemic. The strategic priorities were advanced by collaboratively working with the Board of Trustees, the University Senate, the Brock University Students’ Union, the Graduate Students’ Association and our faculty and staff.

The Brock research community must also be commended for their work over the past year while dealing with significant limitations on in-person research and laboratory restrictions. Universities have played a key role in contributing to the development of vaccines and testing techniques that have given us all hope in response to the COVID-19 pandemic. Our own Brock researchers conducted important research in understanding the pandemic and its impact on society.

We look toward the future with cautious optimism, aiming to provide a 2021-22 academic year experience that includes a significant return to on-campus learning and activities. The return to the University’s campuses will allow the Brock community to access rejuvenated spaces such as the new Zone Fitness Centre, a renovated DeCew residence, and of course the ongoing work to build Residence 8, Canada Games Park and the new Brock-Niagara Validating, Manufacturing and Prototyping Institute. We have used this time period to strengthen the facilities available to students and to take steps to further improve student experience.

Without question, the past year has come with significant challenges, but once again the Brock community has stepped up to face those challenges with determination and excellence. Brock University has an outstanding team of leaders and colleagues across the University that assures its growth and development as well as excellence in student experience.

I invite you to take some time to read this report and to observe how Brock demonstrated the traits of an exemplary post-secondary institution throughout the 2020-21 fiscal year.

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)	2020-21 Actual	Funding 2020-21 Budget	2020-21 Actual	NFPS 2020-21 Budget	Funding 2019-20 Actual	NFPS 2019-20 Actual
Revenue						
Student fees	186,012	200,202	186,657	200,642	185,078	185,818
Grant revenue	106,724	97,288	103,943	95,823	96,788	95,344
Internal chargebacks	3,098	8,621			8,484	
Inter-fund revenue	8,843	7,042			4,920	
Research revenue			11,778	13,253		11,715
Other revenue	24,319	54,899	39,066	66,330	51,707	65,361
Total revenues	328,996	368,052	341,444	376,048	346,977	358,238
Operating costs						
Personnel costs	(214,657)	(238,613)	(220,557)	(241,611)	(220,419)	(227,265)
Inter-fund expenses	(18,143)	(25,773)			(25,900)	
Other operating costs	(83,302)	(106,313)	(113,842)	(131,106)	(93,000)	(119,068)
Total operating costs	(316,102)	(370,699)	(334,399)	(372,717)	(339,319)	(346,333)
Mitigation target		2,647				
Funding surplus (before discretionary appropriations)	12,894	-	7,045	3,331	7,658	11,905
Discretionary appropriations	(12,885)				(7,650)	
Funding surplus (after discretionary appropriations)	9	-	7,045	3,331	8	11,905

Statement of operations metrics

Figure 2

By student headcount (\$000s)	April 2021	Brock April 2020 April 2019	Median ⁽¹⁾ April 2020 April 2019	Average ⁽¹⁾ April 2020 April 2019
Student fees (primarily tuition)	9.46	9.39 9.35	9.60 9.35	10.23 10.19
Grant	6.07	5.62 6.01	8.44 8.58	10.49 10.38
Personnel costs	11.18	11.48 11.55	13.88 13.24	14.46 14.01
Scholarships	1.40	1.25 1.24	1.39 1.48	1.64 1.54
Interest on long-term debt	0.53	0.35 0.37	0.30 0.30	0.28 0.28
Investment income	0.24	0.15 0.18	0.47 0.76	0.56 0.89

(1) Calculated using financial information from 13 other comprehensive universities. Certain 2019 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 2021	Brock ⁽¹⁾ April 2020 April 2019	Median ⁽²⁾ April 2020 April 2019	Weighted average ⁽²⁾ April 2020 April 2019
Primary reserve ratio	25.6%	14.2% 16.9%	23.9% 27.5%	40.9% 42.0%
Debt burden ratio	3.7%	6.7% ⁽³⁾ 2.8%	2.4% 2.4%	3.8% 2.5%
Interest burden %	3.4%	2.1% 2.2%	1.3% 1.4%	1.2% 1.6%
Interest coverage	3.00	4.64 4.97	4.64 7.73	4.22 6.15
Viability ratio	32.9%	35.7% 45.6%	109.2% 118.2%	112.7% 124.1%
Net operating revenues ratio	8.9%	9.3% 9.8%	4.6% 9.8%	5.4% 10.9%
Employee future benefits per student headcount (\$000s)	\$(1.14)	\$(1.13) \$(0.89)	\$(3.52) \$(1.49)	\$(4.25) \$(2.00)
Endowment per student headcount (\$000s)	\$6.28	\$5.25 \$5.60	\$8.31 \$8.68	\$7.89 \$7.57

(1) Certain Brock 2019 metrics have been adjusted due to an update in reporting.
(2) Calculated using financial information from 13 other comprehensive universities. Certain 2019 metrics have been updated due to revisions in certain universities' financial statements.
(3) Increase is due to a one-time repayment of a \$14.4-million loan utilizing the debt repayment reserve establish within the Fiscal Framework.

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 invite you to carefully read the story of Brock University as told in the pages of our 2020-21 Annual Report.

The 2020-21 fiscal year was like no other in our 55-year history, presenting unprecedented challenges.

As I wrap up my tenure as Chair of Brock's Board of Trustees, I am very proud of what has been accomplished over the past year by our students, staff and faculty. The COVID-19 pandemic has necessitated individuals from every corner of our institution to come together like never before to ensure the uninterrupted operation of our University, the home to nearly 20,000 students and 6,000 faculty and staff.

One year ago, we were wrapping up the 2019-20 fiscal year just as the early stages of the COVID-19 pandemic were unfolding. We never would have imagined at that time just how much of an impact the pandemic would have on our institution and the economy.

The public health situation that we experienced meant the vast majority of classes in the 2020-21 academic year had to be held online. This rapid shift to online teaching and learning was a challenge for everyone, but through a focus on what is best for our students and the extraordinary talent and commitment of our faculty and staff, we continued to provide the high-quality, student-centred educational experience that has made Brock so successful.

Because of the conscientious effort and professionalism of all stakeholders at Brock, I am delighted to report that – despite experiencing a significant decline in revenue from what was expected – Brock has ended this academic year with a modest surplus. These impressive results speak volumes to the hard work done by each and every member of the Brock University community.

On behalf of the Board, I would also like to take this opportunity to thank President and Vice-Chancellor Gervan Fearon for his time and dedication to Brock University over the past four years. Since arriving at Brock in August 2017, he has been a strong leader who has helped guide the University through several key milestones, such as the launch of a new Institutional Strategic Plan, the launching of an Engineering program and the growth of Brock's research activity.

President Fearon has also been instrumental in the strengthening of our ties to the community, with the signing of multiple Memorandums of Understanding focused on expanding community engagement and involvement. Under his leadership, the Brock footprint has also grown with the opening of the Rankin Family Pavilion, the Zone Fitness Centre, construction of a new 320-bed residence facility and the locating of the Canada Games Park legacy facility on our campus.

Today, Brock University is recognized both nationally and internationally for the quality of the educational experience delivered to our students and the research conducted by our dedicated faculty. Challenging times can either cause organizations to withdraw and falter, or to recalibrate and prosper. Brock has chosen the path of marching forward, to be true to its strategic plan and to continue to strive to meet the growing needs of our community.

Please enjoy the in-depth information you will find on the pages that follow. Surgite!



Chair of Senate's message

Don Cyr, Chair of Senate, Brock University

The 2020-21 year was a very challenging year for the University and its Senate, dealing with the impact of the pandemic on the institution's operations and finances. Much work was placed upon ensuring that Brock was in a financially sound position, despite the continued freeze on tuition and increased costs or lost revenues associated with the impact of the pandemic. Working collaboratively with administration and the Board of Trustees, the University Senate passed a motion endorsing the University's budget as one consistent with the academic policy of the institution.

The year was particularly challenging for faculty, staff and students, as well as Senate and its committees, as the University delivered its range of courses and services almost completely online while ensuring, as much as possible, that Brock offered a transformational and accessible academic and university experience – one of the four major priorities of the Institutional Strategic Plan approved in 2018-19. Much has been learned in that process and the ability of faculty and staff to deliver courses and services online has some promise in enhancing accessibility in the future.

Much of Senate's work involves the vetting of educational and research policies or initiatives that strengthen the University. One notable initiative approved by Senate was the establishment of a department of engineering, an objective considered many times by the University over the years. It has now come to fruition and in the coming year, we look forward to the development of related innovative courses and programming that has the promise of attracting many students.

The Senate also passed motions that would facilitate the offering of certificate and micro-certificate programs, providing greater flexibility for both full-time and part-time students in terms of their educational goals.

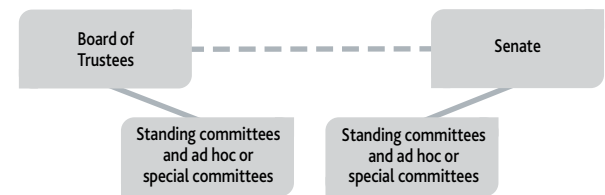
Like all of us, the University Senate looks forward to a day when the impact of the pandemic is greatly mitigated and with that, a return to the vibrancy and enrichment of an in-person campus.



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 education policy of the University. This bicameral system of governance, consisting of two governing bodies – the Board and the Senate – is shown below.

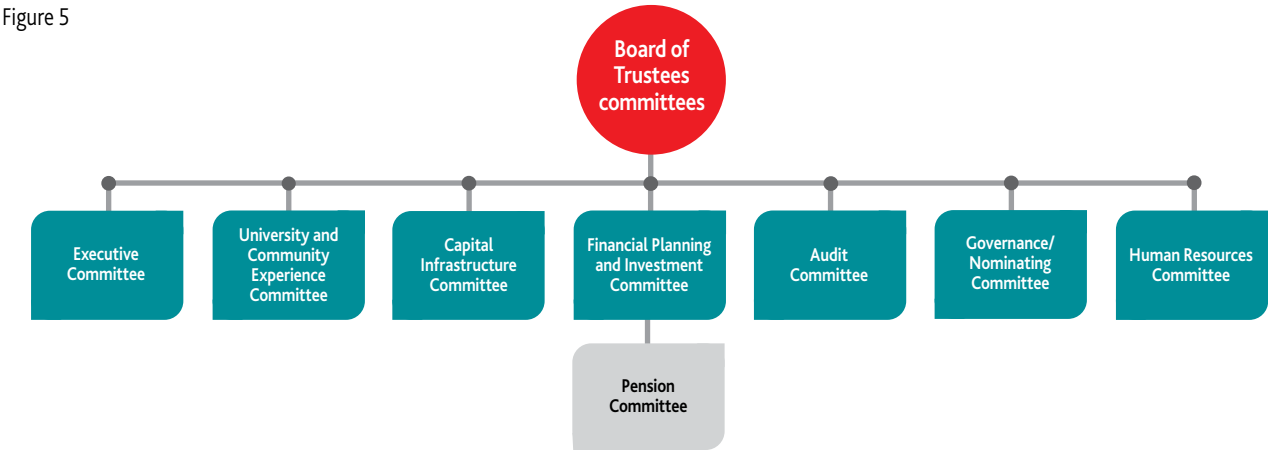
Figure 4: The bicameral system of governance



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.

Figure 5



2020-21 Board of Trustees members

- Sophia Aggelonitis, Community Trustee
- Mark Arthur, Community Trustee, Chair-Elect of the Board
- Michele-Elise Burnett, Community Trustee
- Bradley Clarke, Staff Trustee
- Gary Comerford, Community Trustee, Chair of the Board
- Jens Coorssen, Faculty Trustee
- Don Cyr, Faculty Trustee, Chair of Senate
- Mary De Sousa, Community Trustee, Vice-Chair of the Board
- Gervan Fearon, President and Vice-Chancellor
- John Fisher, Community Trustee
- Arti Freeman, Community Trustee
- Asad Jalib, Student Trustee, President, Brock University Students' Union
- Kristian Knibutat, Community Trustee
- Brian Lang, Community Trustee
- Erin Mathany, Community Trustee, Member, Brock University Alumni Association Executive Committee
- Bill Maurin, Community Trustee
- Anne McCourt, Community Trustee
- Trecia McLennon, Staff Trustee
- Marylee O'Neill, Community Trustee
- Hilary Pearson, Chancellor
- Miriam Richards, Faculty Trustee
- William (Bill) Rickers, Community Trustee
- Robert Welch, Community Trustee
- Christopher Yendt, Student Trustee, President, Brock University Graduate Students' Association
- Debbie Zimmerman, Community Trustee
- Elisabeth Zimmermann, Community Trustee

Senate

The Senate currently consists of 72 members, including 39 elected full-time teaching staff and professional librarians, two members of the Board, six undergraduate students and two graduate students elected by their respective constituencies. There are also 23 ex officio members of the Senate.

2020-21 Senate members

- Members ex officio**
- Hilary Pearson (Chancellor)
 - Gervan Fearon (President and Vice-Chancellor)
 - Lynn Wells (Provost and Vice-President, Academic)
 - Tim Kenyon (Vice-President, Research)
 - Rafay Rehan (BUSU, Vice-President, Finance and Administration)
 - 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)
 - Robyn Bourgeois (Acting Vice-Provost, Indigenous Engagement)
 - S. Ejaz Ahmed (Dean, Faculty of Mathematics and Science)
 - Suzanne Curtin (Vice-Provost, Graduate Studies and 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 and Associate Vice-President, Enrolment Services)
 - Mark Robertson (University Librarian)
 - Gary Comerford (Chair, Board of Trustees)
 - Thomas Winger (President, Concordia Seminary)
 - Vice-President, Administration (Vacant)
 - James O'Brien (Alumni Association Representative)
 - Michele-Elise Burnett (Co-Chair, Aboriginal Education Council)

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 (FGS).

Full-time teaching staff/professional librarian representatives

- James Allard (FOH)
- Michael Ashton (FOSS)
- Kate Bezanson (FOSS)
- Michael Bidochka (FMS)
- Irene Blayer (FOH)
- Christene Carpenter-Cleland (FMS)
- Dipanjan Chatterjee (GSB)
- Rosemary Condillac (FOSS)
- Jens Coorssen (FAHS)
- Don Cyr (GSB)
- Drew Dane (FOSS)
- Sheng Deng (GSB)
- Joan Dundas (English as a Second Language)
- Tim Dun (FOSS)
- Fayeze Elayan (GSB)
- Bareket Falk (FAHS)
- Amy Friend (FOH)
- Jennifer Good (FOSS)
- Nicholas Hauck (FOH)
- David Hutchison (FOE/FOH)
- Kelli-An Lawrance (FAHS)
- Kelly Lockwood (FAHS)
- Catherine Longboat (FOE)
- Francine McCarthy (FMS)
- Richard Mitchell (FOSS)
- Tim Murphy (FOSS)
- Roberto Nickel (FOH)
- Beatrice Ombuki-Berman (FMS)
- Dawn Prentice (FAHS)
- Unyong (Howard) Pyo (GSB)
- Tim Ribaric (Library)
- Ian Ritchie (FAHS)
- Larry Savage (FOSS)
- Kirsty Spence (FAHS)
- Carole Stewart (FOH)
- Tek Thongpapanl (GSB)
- Francine Vachon (GSB)
- Michelle Webber (FOSS)
- Murray Wickett (FOH)

Representatives of the Board of Trustees

- Mark Arthur
- Rob Welch

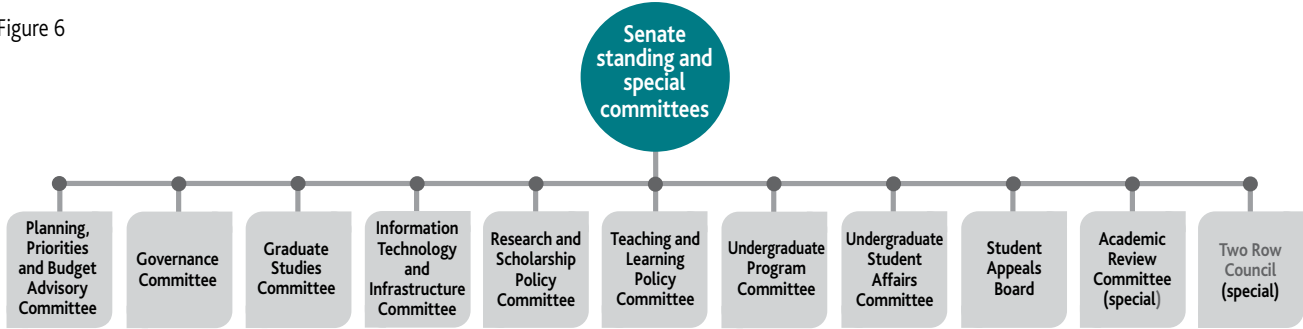
Undergraduate student representatives

- Omer Gul
- Yasmine Hejazi
- Ben Johnson
- Wendell Noel
- Moksh Sharma
- Andrew Valero Bunke

Graduate student representatives

- Melanie Extance
- Christopher Yendt

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

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 post-graduate 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.

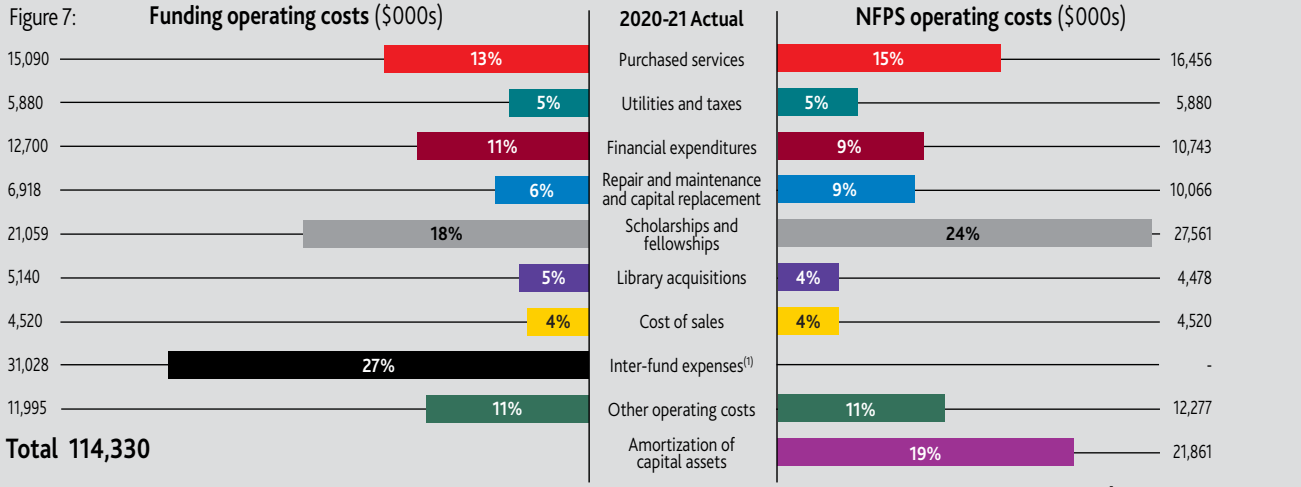
Our strategic priorities set the University on the path towards greater national and global recognition for its engagement and relevance to students and communities through enhanced innovation and excellence in teaching, learning, discovery, creativity and the application of knowledge across disciplines.

GUIDING VALUES AND STRATEGIC PRIORITIES⁽¹⁾

Figure 30



⁽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.



(1) Included in inter-fund expenses are discretionary appropriations in the amount of \$12,885.

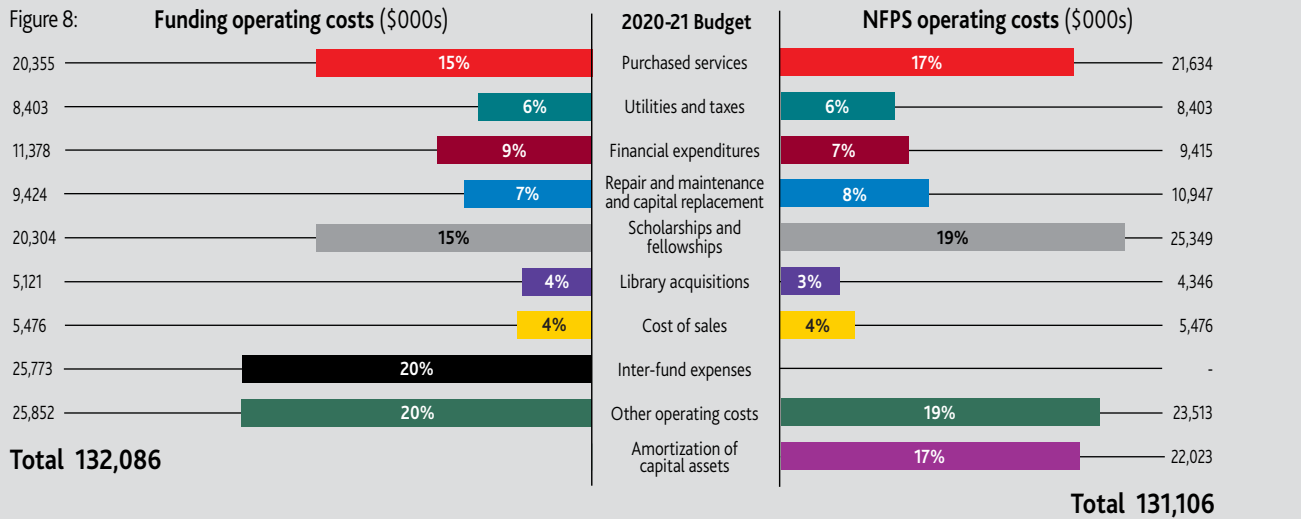


Figure 9: Personnel costs by group

Personnel group ⁽¹⁾ (\$000s)	2020-21 Actual			2020-21 Budget		
	Salary/wage	Benefits	Total personnel costs	Salary/wage	Benefits	Total personnel costs
Faculty and Professional Librarians	89,209	17,324	106,533	92,027	20,984	113,011
Admin/professional	44,277	10,390	54,667	48,568	13,313	61,881
OSSTF	7,421	2,077	9,498	8,072	2,565	10,637
CUPE 1295 FT	6,648	1,993	8,641	6,954	2,445	9,399
SAC	5,800	1,046	6,846	6,153	1,290	7,443
Other ongoing personnel	1,004	291	1,295	1,922	594	2,516
Total ongoing personnel	154,359	33,121	187,480	163,696	41,191	204,887
CUPE 4207 Unit 1	14,771	1,621	16,392	15,944	1,747	17,691
Other temporary personnel	9,984	801	10,785	14,917	1,118	16,035
Total temporary personnel	24,755	2,422	27,177	30,861	2,865	33,726
Total – funding basis	179,114	35,543	214,657	194,557	44,056	238,613
Adjustments to NFPS (See page 61 for discussion of adjustments)						
Employee future benefits adjustment ⁽²⁾		(232)	(232)		(1,325)	(1,325)
Internal restricted funds and research personnel costs ⁽³⁾	5,329	803	6,132	3,759	564	4,323
Total – NFPS basis	184,443	36,114	220,557	198,316	43,295	241,611

(1) **Faculty and Professional Librarians** – BUFA members, Associate Deans, Associate Vice-Presidents of Research and Associate Librarian; **Admin/Professional** – ongoing administrative/professional and exempt staff; **OSSTF** – support and technical staff; **CUPE 1295 FT** – full-time maintenance, trades and custodial staff; **SAC** – Senior Administrative Council; **Other ongoing** – CUPE 4207-2, CUPE 4207-3, CUPE 2220 and IATSE; **CUPE 4207 – Unit 1** – instructors, teaching assistants, lab demonstrators, course co-ordinators and marker/graders; **Other temporary** – all other part-time teaching and non-teaching positions. Faculty overloads and stipend transfers.

(2) The employee future benefits adjustment for actual 2020-21 of -\$232,000 is the difference between payments made for employee future benefits and the net change in the obligation. The employee future benefits adjustment for budget 2020-21 actually nets two adjustments – \$625,000 offset by \$1,950,000. Refer to adjustment 9 and 10 on page 91 of the 2020-21 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 or externally restricted funds. This adjustment represents the personnel costs in the following funds: endowments, course fees, capital and infrastructure projects and reserves, operating project accounts, research funds with no external obligations, start-up funds, professional expense reimbursement accounts 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.

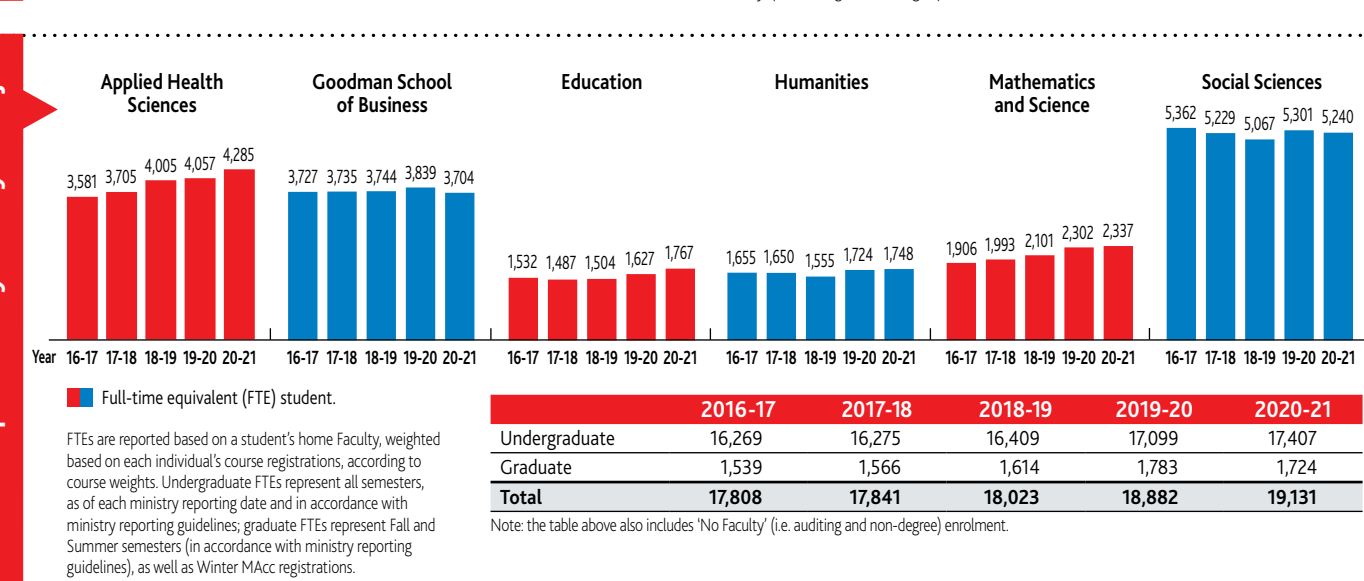
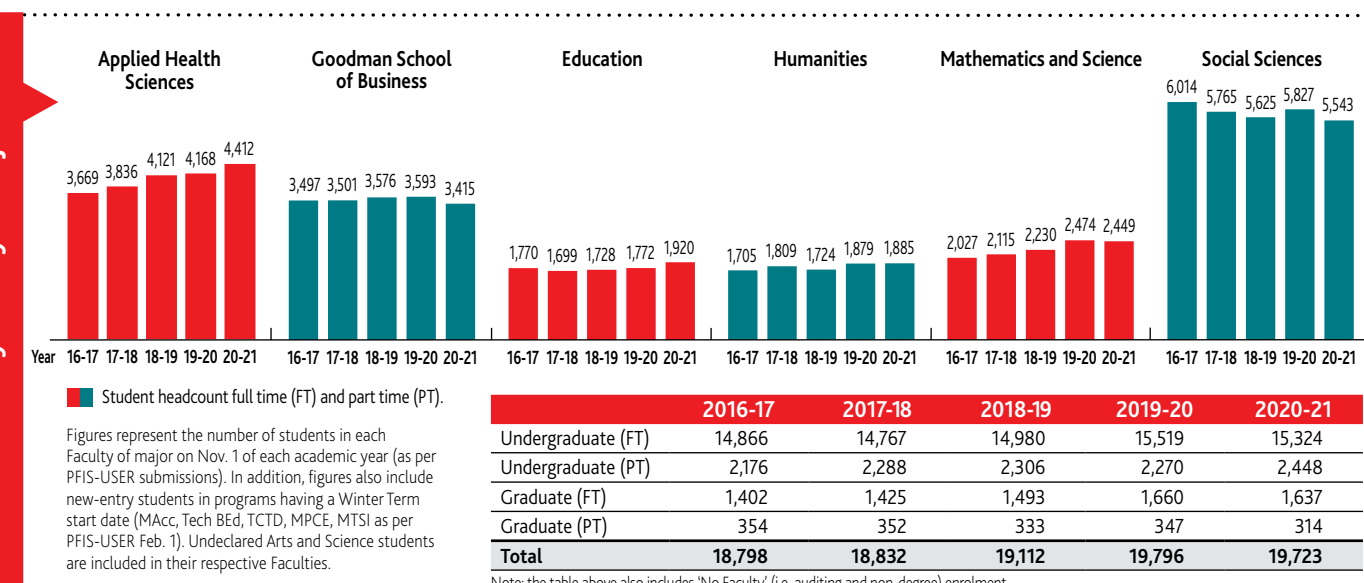
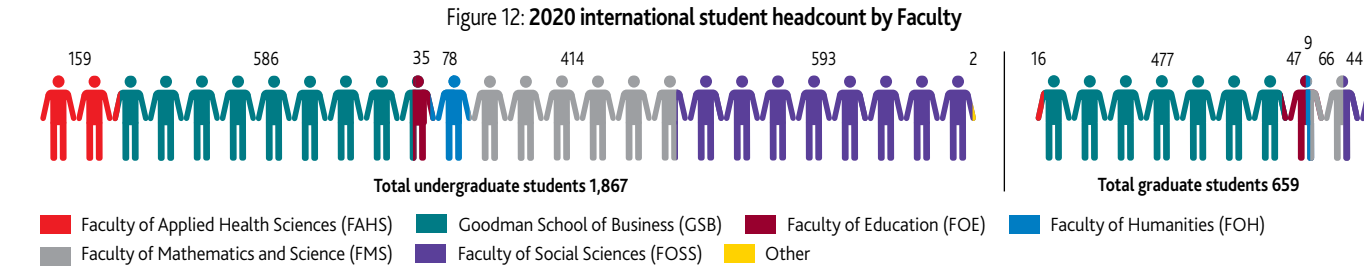
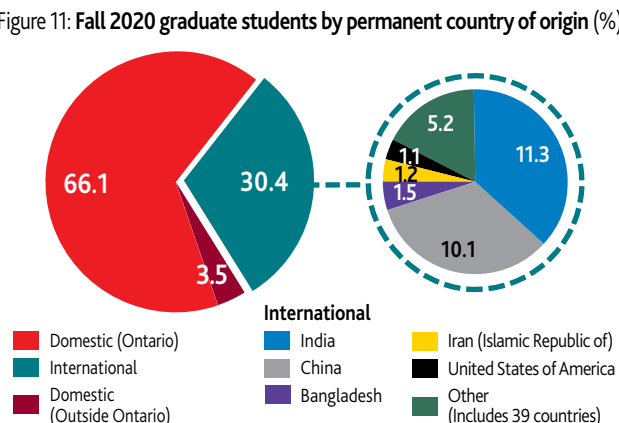
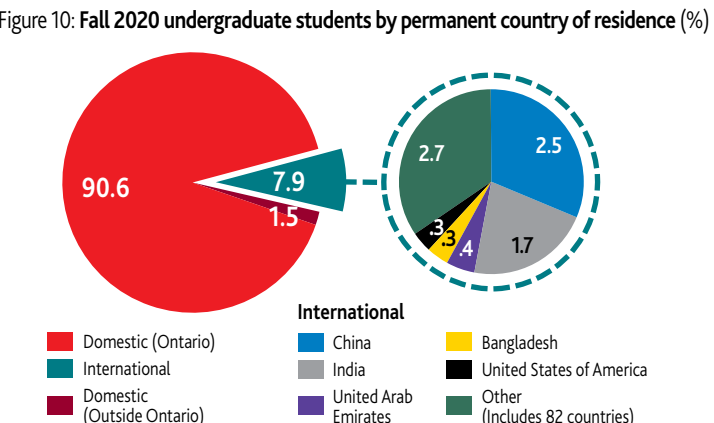


Figure 15: Self-identified Indigenous applicants and registrants

	Applicants	Registrants
2017-18	170	58
2018-19	175	41
2019-20	251	69
2020-21	214	52

Source: Power BI Admission

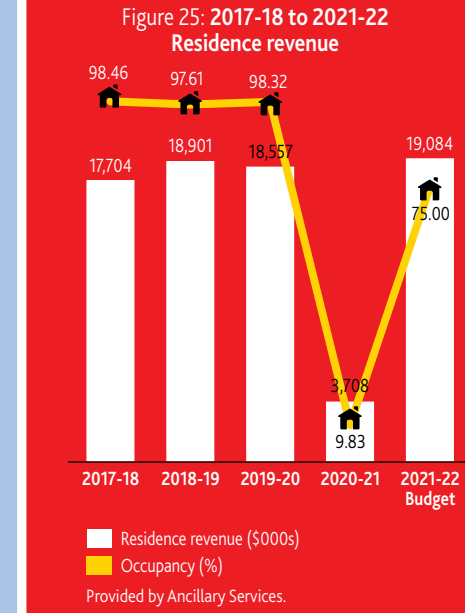
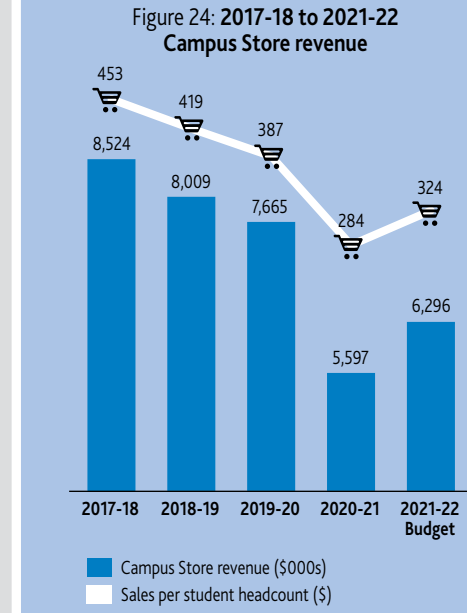
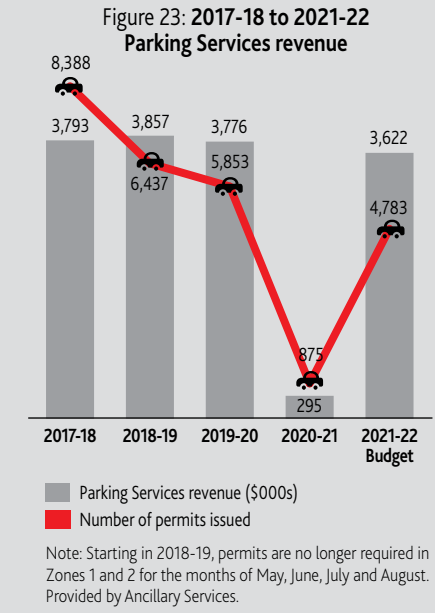
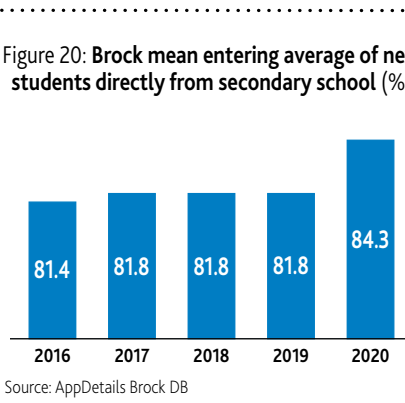
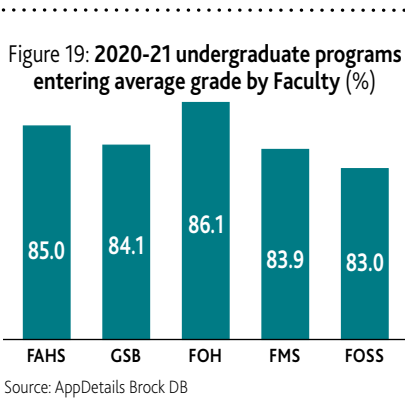
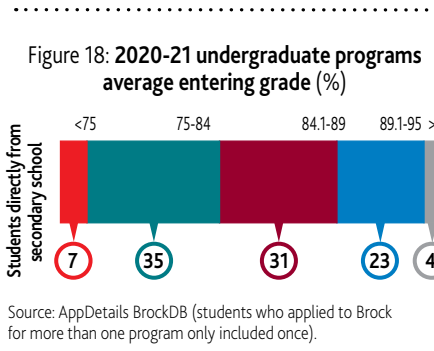
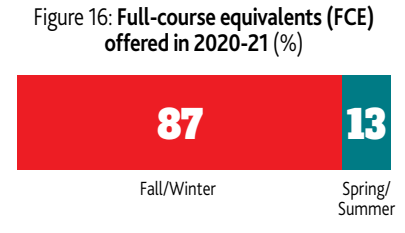


Figure 21: Undergraduate average class size

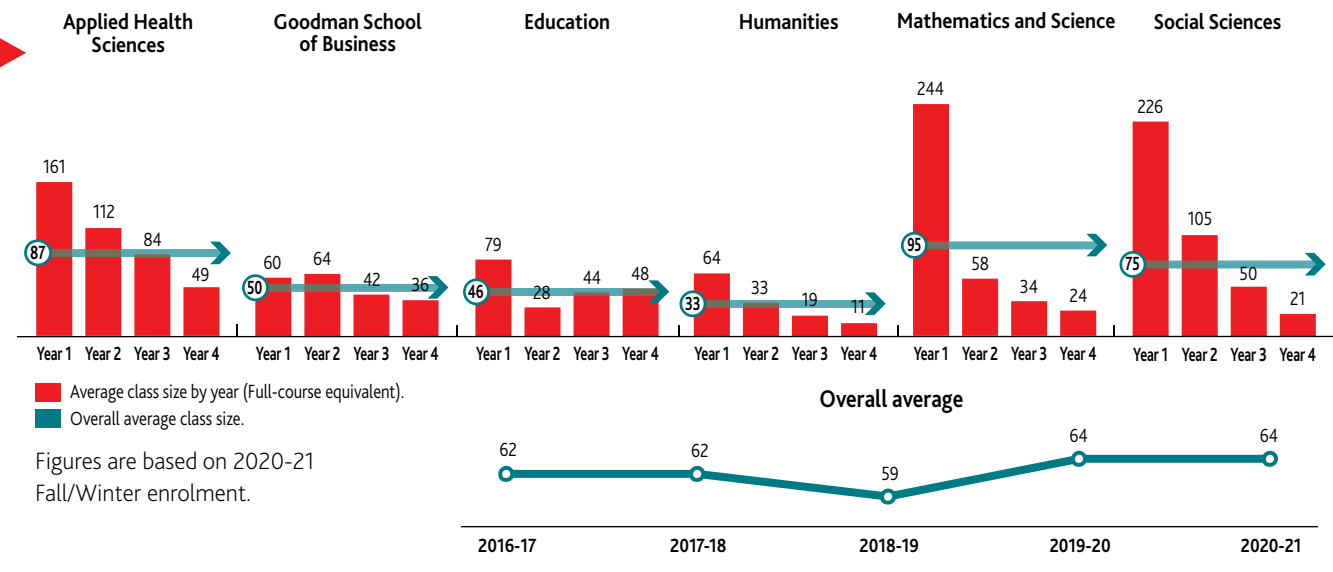
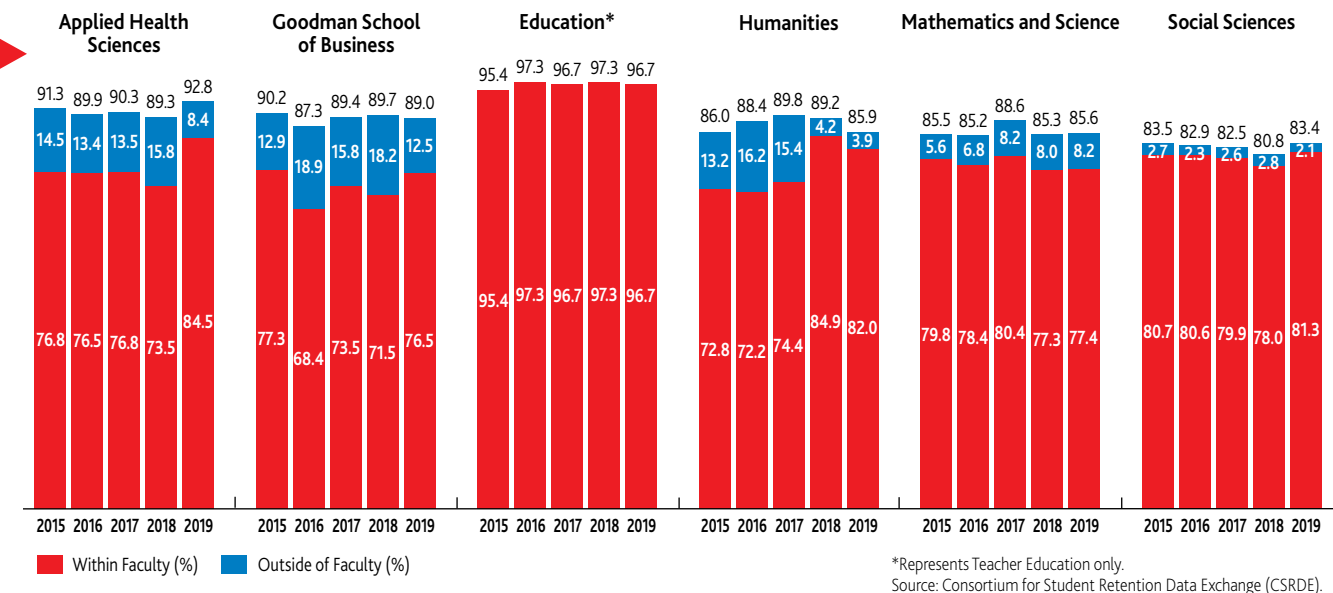
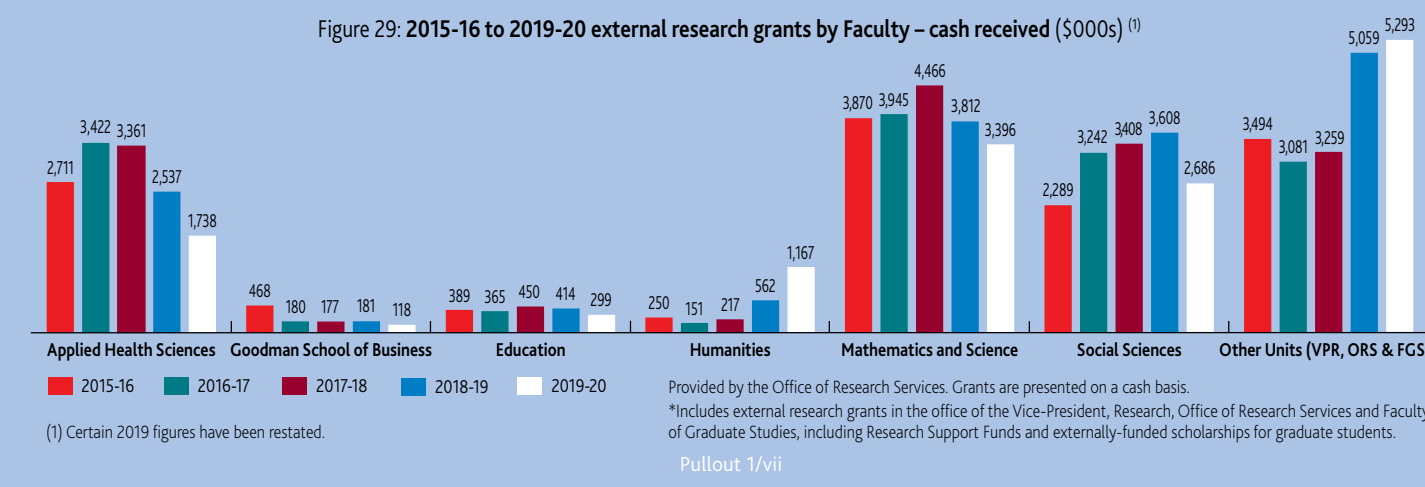
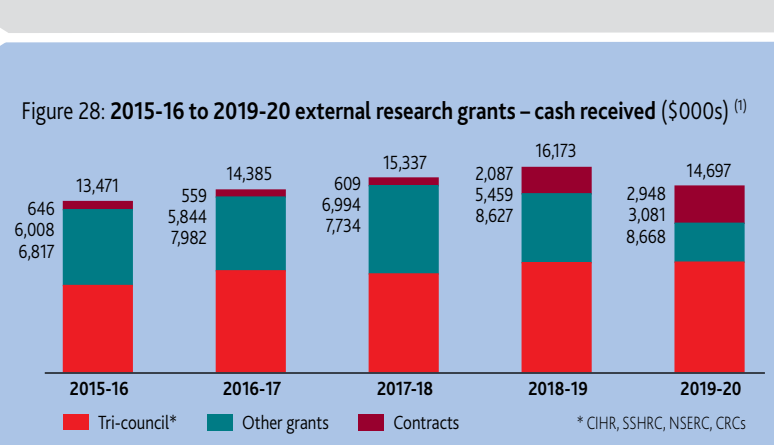
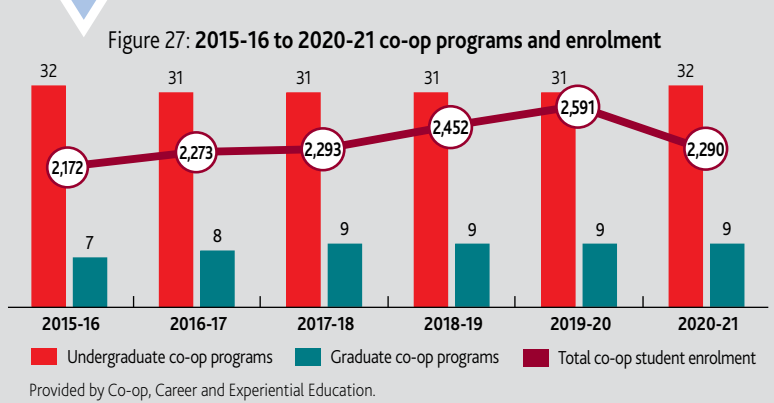
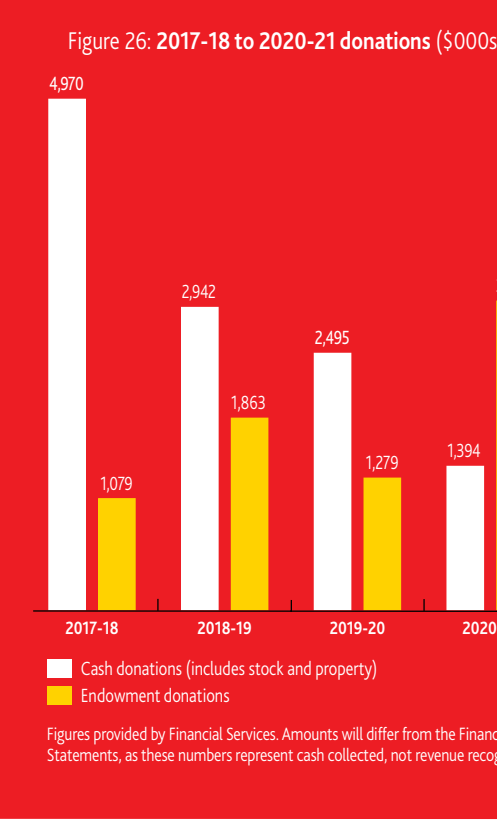


Figure 22: Retention rates



Figures represent the tracking of first-time, full-time bachelor's degree-seeking students. The figures represent the percentage of first-year students returning the following November, regardless of year of study. The year shown represents the cohort year (year of entry).





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.



Literacy and mental health

Brock students advocate for literacy and mental health: Brock Political Science student Annilea Purser shows a booklet of community letters of appreciation collected by BookWorm to show gratitude for health-care workers. A group of second-year students at Brock haven't let the global pandemic stand in the way of their goals to foster literacy and support mental health. The members of BookWorm delivered parcels of motivational letters written by children to frontline health-care workers. BookWorm is made up of founder Annilea Purser, Kendall Caperchione, Ben Mandigo, Daniel Krowchuk and Andrew Lawrence, and is a non-profit group interested in increasing literacy with marginalized populations, such as at-risk youth and unhoused people.

brock.ca/brock-news/2020/11/brock-students-advocate-for-literacy-and-mental-health/



Teaching tools

Goodman Professors of the Year
engage students with creative
teaching tools: Goodman School of Business Professors Mark Julien (left) and Ernest Biktimirov were each named Professor of the Year by the Goodman School of Business, an annual award that is voted on by students at both the undergraduate and graduate levels. Among the many teaching tools Biktimirov uses to engage his students, he references cultural proverbs to illustrate financial concepts. Like Biktimirov, Julien uses a variety of methods to ignite interest and sustain engagement. Case studies, expert talks, role playing and activities are common additions to his classroom learning environment.

brocku.ca/brock-news/2020/05/goodman-professors-of-the-year-engage-students-with-creative-teaching-tools/



Volunteering

Student volunteer gives back near and far: As part of the Brock University Volunteer Association (BUVA), Hope Eze took part in a Days for Girls event to create sustainable hygiene kits to be sent to young women and girls around the world. While studying at Brock University, the Ugbawka, Nigeria native has managed to continue her passion for volunteering by helping local organizations and giving back to girls in need around the world. Eze graduated with a master's of English Language and Literature studies, but as an active member of the BUVA, her involvement at the University has gone far beyond the classroom.

brocku.ca/brock-news/2020/05/canada-games-community-spotlight-student-volunteer-gives-back-near-and-far/



Brock's construction projects making major strides despite COVID-19 challenges



While life on campus has slowed down throughout the past months, campus hasn't been as quiet as one might expect due to ongoing construction projects that are continuing to make big progress.

- **DeCew Residence revitalization:** Upon completion in June 2021, this project will include all new H-VAC systems, electrical, new bump outs adding social common spaces and sky lights bringing in natural light, fully renovated bathrooms, new furnishings, paint, and carpets in the residence bedrooms and lounges.
- **Residence 8:** The Residence 8 project is planned to be completed in time for the Fall Term in 2021. This construction project will create 308 new beds, expanding Brock's on-campus housing capacity to nearly 2,800 beds. The new residence will also include a 24/7 service desk for students, and a hub for Conference and Events Services.
- **DeCew and Lowenberger dining halls:** Brock's dining halls, DeCew and Lowenberger, have been completely renovated to expand the services and seating areas, including all new millwork, floor and wall finishes, equipment, new dining stations, and new dining room furniture.
- **New Zone Fitness Centre:** Through a complex construction process in which Brock's courtyard played a starring role, a new 15,500 square foot Zone Fitness Centre has emerged from the walls of the Walker Sports Complex, offering users a spectacular new facility to push themselves to their limits. The project tripled the size of the original facility and has significantly expanded the offering of fitness equipment.

brocku.ca/brock-news/2020/07/brocks-construction-projects-making-major-strides-despite-covid-19-challenges/

brocku.ca/brock-news/2021/03/in-the-zone-new-fitness-centre-opens-at-brock/

- **Canada Games Park:** Canada Games Park (CGP) is rapidly transforming into a state-of-the-art sport and recreation complex. Being built as a result of Niagara hosting the 2022 Canada Summer Games, this new facility is well on its way to being completed by the end of 2021. The CGP main building is a 200,000-square-foot facility that will consist of a twin ice-pad arena, a health and well-being centre, a 200-metre indoor track, sport offices and a multipurpose field house that will feature a parasport gymnasium. Outside that facility will be six competition beach volleyball courts, a cycling centre, and a track-and-field facility including a full 400-metre track.

brocku.ca/brock-news/2021/05/canada-games-park-on-track-to-be-completed-by-end-of-2021/



Brock students learn to make Icewine in first-of-its-kind co-op

Niagara's cold snap in early 2021 was welcomed by Brock University students Claire Findlater and Mario Spinoso, as it allowed them to participate in their first-ever Icewine harvest. The third-year Oenology and Viticulture students took part in the Icewine co-op with Pillitteri Estates Winery, and they have been patiently waiting for temperatures to drop below -8 C so they could press the frozen grapes needed to make the specialty product. Located in Niagara-on-the-Lake, Pillitteri, is recognized internationally for its Icewine and has been partnering with Brock and the Cool Climate Oenology and Viticulture Institute for nearly a decade.

brocku.ca/brock-news/2021/02/brock-students-learn-to-make-icewine-in-first-of-its-kind-co-op/



History course gains international scholarly attention for groundbreaking work: When Associate Professor of History Daniel Samson's History class was forced to go online, his students responded to the challenge with gusto. The students researched and developed an interactive website, Ile St-Jean: The Expulsion of 1758, which details the forcible deportation of thousands of Acadians from modern-day Prince Edward Island. Now, their ground-breaking work is getting international scholarly attention. Samson's introduction to the site on Twitter drew hundreds of engagements from historians, digital humanists and ArcGIS users at universities across Canada and the United States, New Zealand and Australia.

brocku.ca/brock-news/2020/05/history-course-gains-international-scholarly-attention-for-groundbreaking-work/



Brock augmented reality marketing course receives Innovation in Business Education Award

Brock University's one-of-a-kind course in augmented reality (AR) marketing explores how AR can be used to build brands and create engaging customer experiences. The one-of-a-kind course, offered by the Goodman School of Business, recently placed first in the 2020 Innovation in Business Education Award competition by the MidAmerican Business Deans Association. The award recognizes creative and unique strategies and programs that advance the quality of higher education. Assistant Professor of Marketing Joachim Scholz, who created and teaches Brock's AR Marketing course, said the award reinforces the importance for business schools to design courses with industry and consumer demand in mind.

brocku.ca/brock-news/2020/10/brock-augmented-reality-marketing-course-receives-innovation-in-business-education-award/

24-7 New app offers round-the-clock mental health supports for students

Brock's ongoing commitment to the mental health of its students is further enhanced with the introduction of the new, "My Student Support Program App." Launched Dec. 1 as a one-year pilot project with Morneau Shepell, the app offers real-time, 24-7 confidential telephone and text chat counselling support for the Brock student population. Sarah Pennisi, Director of Brock's Student Wellness and Accessibility Centre, said the app's round-the-clock support is needed as students continue to adjust to learning online. To proactively meet students' needs and reduce barriers for support, telephone and text chat options on the app will be available immediately when a student reaches out and in five languages: English, French, Spanish, Mandarin and Cantonese.

brocku.ca/brock-news/2020/12/new-app-offers-round-the-clock-mental-health-supports-for-students/



Goodman School of Business receives international accolades

for UN co-op program: A partnership between Brock University's Goodman School of Business and the United Nations Association in Canada (UNA-Canada) has earned the School a prestigious award. The Association to Advance Collegiate Schools of Business (AACSB) has recognized the partnership as part of their Innovations That Inspire initiative. The collaboration, Local Roots, Global Reach, allows students the opportunity to gain a global business perspective while addressing community issues during a co-op work term with a United Nations agency. Goodman is the only Canadian business school recognized this year out of 24 initiatives from around the world. brocku.ca/brock-news/2021/03/goodman-school-of-business-receives-international-accolades-for-un-co-op-program/



Brock students provincially recognized for preserving Italian

immigrant stories: Students in ITAL/CANA 2P98: Italians in Canada and Italy-Canada Relations recently received the Lieutenant Governor's Ontario Heritage Award for Youth Achievement and Young Leaders Award for their contributions to the Archival Research of Italian-Canadian Immigration and Culture Project (ARICIC). "Their projects are important to the Italian-Canadian community, particularly after documents were destroyed at Italian cultural centres during the internment years," says instructor Teresa Russo. "Their research recovers some of the lost narratives during that period and documents new ones from other periods of Italian immigration to Canada." The results of their research are now available in an online archive hosted by the Ontario Heritage Trust. brocku.ca/brock-news/2021/03/brock-students-provincially-recognized-for-preserving-italian-immigrant-stories/



Teaching and learning in a year like no other: "Brock University is suspending in-person classes..." As Madelyn Law heard the news, the scale of the task at hand became apparent. On Friday, March 13, 2020, Brock's Associate Vice-Provost, Teaching and Learning was told the University would be moving all of its courses online as the world was quickly thrust into the new reality of physical distancing to combat the COVID-19 pandemic. Having been in her senior leadership role for less than a year, Law, who is also an Associate Professor of Health Sciences, knew the challenges faced by her team in Brock's Centre for Pedagogical Innovation (CPI) and by instructors across the University were critical. "We didn't have two years to plan. We needed to have ideas and structures ready to roll out the next day," said Law. In the hours, days and months that followed, CPI, in collaboration with other units on campus such as Co-op, Career and Experiential Education, the Library and many others, worked with hundreds of instructors and teaching assistants to bring courses online. "The immediate shift online pushed everyone to rethink and redesign the way they teach," said Law. "Change is difficult, but if harnessed with good reflection on what works and what doesn't, it helps us to progress and get better." brocku.ca/brock-news/2021/03/teaching-and-learning-in-a-year-like-no-other/



Mentorship

FAHS Graduate Mentorship Program finds success in first year: Robert Kumar, a PhD student in the Faculty of Applied Health Sciences (FAHS), created a mentorship program for fellow graduate students in his Faculty. He has benefited from exemplary mentorship from both faculty supervisors and peers, and he has been working to help other students gain access to that same support. In an effort to provide all FAHS research-based graduate students with similar opportunities, Kumar launched the FAHS Graduate Mentorship Program during the 2020 Fall Term. The inaugural class drew great interest, with more than 40 students put into mentorship pairs. brocku.ca/brock-news/2021/04/fahs-graduate-mentorship-program-finds-success-in-first-year/



Lab-in-a-box

Brock researcher creates lab-in-a-box for students' home learning: When a pandemic lockdown stops you from going to the lab, let the lab come to you. Professor of Health Sciences Ana Sanchez holds up a kit that she and her graduate students assembled for students in her fourth-year Tropical Parasites of Humans and Animals undergraduate course. The kits contain supplies that enable them to simulate how to prepare samples for examination under a microscope at home. Students received the special package by mail. Fourth-year student Michelle Potter is particularly excited about the lab-in-a-box Sanchez sent. "I love Dr. Sanchez's attitude and approach to making everything hands-on; it really puts students first in this weird COVID environment," says Potter. brocku.ca/brock-news/2021/01/brock-researcher-creates-lab-in-a-box-for-students-home-learning/



Before the pandemic, a Brock University Kinesiology student works with a senior in the Brock-Niagara Centre for Health and Well-Being.

Brock earns Top 100 world ranking for sport science programs: The Sport Management and Kinesiology programs at Brock University have developed a reputation as being among the best in the country. In the recently released QS University World Rankings, Brock University was ranked in the Top 100 in the Sports Science category, which covers the programs and research of these two departments. "The faculty and staff of these programs deserve the credit for their outstanding research and teaching which has resulted in this recognition," says Faculty of Applied Health Sciences Dean Peter Tiddus. brocku.ca/brock-news/2021/03/brock-earns-top-100-world-ranking-for-sport-science-programs/



Scholarship award

Nicholas Printup receives Lou Cahill Scholarship in Communication: Media and Communication Honours student Nick Printup is the recipient of the 2020 Lou Cahill Scholarship in Communication, becoming the first Indigenous student to be recognized with this award. The scholarship recognizes an upper-year student in the Business Communication or Media and Communication programs at Brock University who demonstrates a strong commitment to academic excellence, community involvement and participation in charitable activities. Ultimately, Printup says his goal is "to utilize his education as an instrument to better his people, his communities and his family." brocku.ca/brock-news/2020/09/nicholas-printup-receives-lou-cahill-scholarship-in-communication/



DirtMarket

Monster Pitch winners dig up success with creation of DirtMarket: The team of Asad Jalib (left) and Emma Kirwin (right) took home the 2021 Monster Pitch title for their innovative approach to dealing with dirt removal. The young entrepreneurs impressed the judges at this year's competition, showing that while it might not be glamorous, dirt removal is big business. The pair earned the coveted Monster Pitch title for DirtMarket, their unique solution to divert loads from landfills and illegal dumping sites. Co-founded by Kirwin, a fourth-year Brock History student and President of The Brock Press, and Jalib, the Brock University Students' Union President, DirtMarket is an online marketplace where users can instantly connect to exchange topsoil, clean fill, pea gravel and other dirt. brocku.ca/brock-news/2021/03/monster-pitch-winners-dig-up-success-with-creation-of-dirtmarket/



Double double

Double the degree, double the experience for Goodman grads: Diana Oprea is one of 12 students who graduated from Brock during Spring Convocation 2020 with a Bachelor of Business Administration as part of a double degree program partnership between Dublin City University (DCU) and Brock's Goodman School of Business. Graduates earn a Bachelor of Business Administration degree from Brock as well as a second degree from the partner school in the time it would take to complete one degree. For students who study at DCU, that second degree is a Bachelor of Arts in Global Business. "It's been an interesting journey that has allowed me to become more independent, resilient and confident," said Oprea. brocku.ca/brock-news/2020/06/double-the-degree-double-the-experience-for-goodman-grads/



New programs/course offering highlights:

Bachelor of Arts in Forensic Psychology, Aggression and Criminal Justice – Faculty of Social Sciences

Brock University is launching a transdisciplinary Forensic Psychology and Criminal Justice (FPAC) program that will be unique in Canada. The program will offer a four-year Major or Honours degree from the Faculty of Social Sciences. "This is an innovative and timely program that reflects Brock's priorities of providing a transformative experience for students," says Ingrid Makus, Dean of the Faculty of Social Sciences. "We are ready to welcome the first cohort of students in Fall 2021." brocku.ca/brock-news/2021/01/new-forensic-psychology-and-criminal-justice-program-first-of-its-kind-in-canada/

Bachelor of Applied Health – Faculty of Applied Health Sciences

The Bachelor of Applied Health (BAH) degree is a three-year program that is broadly based and offers a unique opportunity for students to pursue either a focused or broad multidisciplinary curricular program of health. This degree contributes to student retention both within the Faculty of Applied Health Sciences and Brock University as a whole.

Minor in Africana Studies – Faculty of Social Sciences; Department of Sociology

The term 'Africana' is a representation of Africans from the continent of Africa as well as the African diaspora in Canada, the U.S., the Caribbean, Latin America, and elsewhere in the world. "The program will bring a new and broad perspective in understanding the challenges faced by People of African descent in the diaspora and on the continent, in the aftermath of the transatlantic slavery of Africans in the Americas, as well as the ruthless colonialism and neo-colonial exploitation of Africa by European powers," says Associate Professor of Sociology Tamari Kitossa. brocku.ca/brock-news/2020/07/brock-to-launch-minor-in-africana-studies-this-fall/

Augmented Reality Marketing course – Goodman School of Business

This course focuses on the strategic marketing opportunities of augmented reality (AR) and creating AR experiences that maximize customer engagement. brocku.ca/brock-news/2020/07/brock-university-launches-leading-edge-augmented-reality-marketing-course/

Environmental Neuroscience Stream in the Centre for Neuroscience – Faculty of Mathematics and Science

Students with a combined interest in neuroscience and the environment will now have a new avenue to pursue their studies at Brock University. The skills learned in the stream will have a wide and lasting impact on Canadians as a whole. Government institutes, such as Environment Canada and the Institute of Health Research, need graduates trained to understand the connection between behaviour and the environment in order to create new and better policies. brocku.ca/brock-news/2020/10/brock-launches-environmental-neuroscience-stream/

Specialization in Leadership, Diversity, Community and Culture in Applied Disability Studies – Faculty of Social Sciences

This specialization will focus on key areas of skill building, social policy, program evaluation, and community-engaged scholarship to help build leadership capacity within the disability sector. brocku.ca/brock-news/2020/12/new-specialization-aims-to-build-leadership-capacity-within-disability-sector/

Artificial Intelligence: Theory and Managerial Applications – Goodman School of Business and Faculty of Applied Health Sciences

This course was designed for the Master of Business Administration (MBA) and Master of Public Health (MPH) concurrent degree program. The new course looks at the digitization and mass scale machine-based decision-making, where the requirement for information processing is large and the decision-making is time sensitive and requires accuracy and effectiveness. brocku.ca/brock-news/2021/02/new-artificial-intelligence-course-designed-for-future-management-and-health-care-professionals/

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.



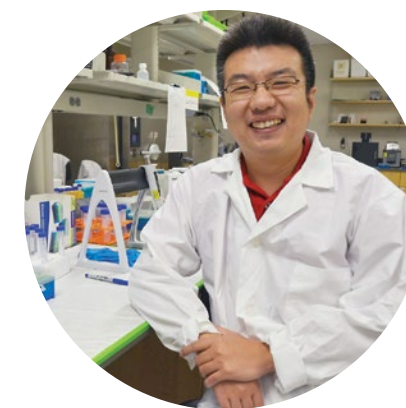
Vaccinations

Brock researchers part of team studying vaccination strategies for COVID-19: The timing of circumstances in Sheridan Houghten's lab was uncanny. Just before the end of the 2019 Fall Term, the Professor of Computer Science and her master's student Michael Dubé had, along with University of Guelph mathematician Daniel Ashlock, submitted their paper "Modelling of Vaccination Strategies for Epidemics using Evolutionary Computation" for publication. When COVID-19 hit, the team, along with an Assistant Professor at the University of St. Francis Xavier, used this research to come up with the best model possible on who to vaccinate first. The team is using a branch of artificial intelligence called evolutionary computation, a process inspired by nature. brocku.ca/brock-news/2020/06/brock-researchers-part-of-team-studying-vaccination-strategies-for-covid-19/



Autism

First-aid training for children on autism spectrum amongst funded grad student research: How can children with autism spectrum disorder (ASD) effectively be taught first-aid skills? This is the question that Brittney Sureshkumar, a master's student in Applied Disability Studies, plans to answer with the help of her Social Sciences and Humanities Research Council of Canada (SSHRC) graduate scholarship. She will compare the effectiveness of written instructions and a video model to teach first-aid skills to children and youth with ASD in a training setting. She then plans to assess the skill in naturalistic settings to evaluate if the training and skills learned will be able to transfer to a 'real-world' situation. brocku.ca/brock-news/2020/06/first-aid-training-for-children-on-autism-spectrum-amongst-funded-grad-student-research/



DNA sampling

Brock prof honoured with national chemistry award: It is not every day that a technological advancement offers lower costs, faster results and increased portability, yet Associate Professor of Chemistry Feng Li has accomplished the innovation trifecta. Li created a rapid and portable DNA sampling device that detects disease using simple technology and cost-effective materials. The invention – along with his broader body of work – recently earned him the 2020 Fred Beamish Award from the Canadian Chemistry Society. The honour is presented to an individual who demonstrates innovation in research in the field of analytical chemistry, where the research is anticipated to have significant potential for practical applications, who is a recent graduate within six years of appointment. brocku.ca/brock-news/2021/03/brock-prof-honoured-with-prestigious-national-chemistry-award/



One of the NSERC funding recipients is Associate Professor of Biology Jeff Stuart, who will use his grant to improve the media that scientists use to research cells. Media are liquids containing sugars and amino acids that support cell growth.

Brock University receives NSERC funding: Brock University researchers have been awarded \$2.5 million in funding from the Natural Sciences and Engineering Research Council of Canada (NSERC). Thirteen researchers received funding from the Discovery Grants program for \$1.7 million. Funds were also granted for three teams to purchase lab equipment through the Research Tools and Instruments program, for \$0.4 million. In addition, nine graduate students were awarded \$0.4 million in graduate student awards. Associate Vice-President, Research, Michelle McGinn says "This funding enables our scientists to continue making cutting-edge discoveries in the areas of human health, climate change, animal physiology and wine quality."

brocku.ca/brock-news/2020/06/brock-university-awarded-2-5-million-in-nserc-funding/



Brock biologist leading international research on COVID-19 and food security in West Africa: Brock University Professor of Biology Liette Vasseur is lead researcher on an international team investigating the impacts of the COVID-19 pandemic on food and social systems in Senegal and Burkina Faso. In countries across sub-Saharan Africa, food security was already an issue before the pandemic. This one-year project – "Assessing the response to the COVID-19 pandemic through social protection and the strengthening of local food systems" – is one of five initiatives funded with a total of \$4 million by the federal government's International Development Research Centre (IDRC). brocku.ca/brock-news/2021/01/brock-biologist-leading-international-research-on-covid-19-and-food-security-in-west-africa/



Researchers create hand-held device for patients to read levels of cancer biomarker in their own blood:

Researchers at Brock and McMaster universities have created the prototype for a hand-held device to measure a biomarker for cancer, paving the way for home-based cancer monitoring and to improve access to diagnostic testing. The device works much like the monitors that diabetics use to test their blood-sugar levels and could be used in a medical clinic or at home, all without lab work, greatly simplifying the process for testing blood for cancer's signature. The prototype has been designed to monitor prostate specific antigen (PSA) and can be adapted to measure other markers, depending on the form of cancer or other chronic disease.

brocku.ca/brock-news/2020/10/researchers-create-hand-held-device-for-patients-to-read-levels-of-cancer-biomarker-in-their-own-blood/



Brock researchers, students awarded more than \$1.1 million in SSHRC funding:

Seven researchers at Brock were awarded nearly \$650,000 in Insight Grants from Social Sciences and Humanities Research Council of Canada (SSHRC). These grants provide 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. In addition, 14 Brock University students were awarded \$470,000 in SSHRC student grants for a total of \$1.12 million. This is in addition to the \$2.5 million from SSHRC's Partnership Grants program that Andrea Doucet, Canada Research Chair in Gender, Work, Care and Community received (see page 18).

brocku.ca/brock-news/2020/06/brock-researchers-students-awarded-more-than-1-1-million-in-sshrf-funding/



New TikTok research focuses on creativity, connectedness:

After observing her daughter's extensive creativity and perseverance in producing TikTok videos, Shauna Pomerantz, Associate Professor and Graduate Program Director in the Department of Child and Youth Studies, began to wonder if there might be something worth exploring in the social media platform other than, as she describes it, the "backdrop of surveillance and fear surrounding kids' lives online." "Miriam (Pomerantz's daughter) and I began co-researching TikTok to offer a counter-narrative that shows its inventive, generative and formative force," says Pomerantz. "What we hope to offer is a deep understanding of youth cultures by highlighting what TikTok can do as an artistic and imaginative forum for young people's expression."

brocku.ca/brock-news/2020/04/new-tiktok-research-focuses-on-creativity-connectedness/



Indigenous education

Brock prof receives SSHRC grant for Indigenous education research with Fort Erie Native Friendship Centre:

Brock University Professor of Education Lorenzo Cherubini has received funding from the Social Sciences and Humanities Research Council of Canada (SSHRC) to investigate how Indigenous youth mediate their experiences in education and how they understand socially and historically constructed power relations. While in highschool, the system's lack of understanding of Indigenous cultures, practices and knowledge can cause Indigenous students to become disengaged as they deal with the emotional wounds of being misunderstood or ignored. To address these shortcomings, the Ontario government has come up with the Indigenous Education Strategy that includes the importance of establishing the positive cultural identities of Indigenous learners. Cherubini wants to hear from students enrolled in alternative programs. The SSHRC has awarded him a Partnership Engage Grant to do so. Cherubini is partnering with the Fort Erie Native Friendship Centre to hold "research conversations" with students attending the Centre's Courage to Soar Alternative Secondary Program.

brocku.ca/brock-news/2021/03/brock-prof-receives-sshrf-grant-for-indigenous-education-research-with-fort-erie-native-friendship-centre/



Brock awarded \$200,000 for equipment to research cell biology of COVID-19 infection:

A Brock University research team has received a grant that will enable them to research how humans react to COVID-19 and a possible therapy to treat infection. The Canada Foundation for Innovation (CFI) awarded immunologist Adam MacNeil and medical entomologist Fiona Hunter \$200,000 to purchase high molecular and cellular resolution equipment for this work. The teams will study how cells respond to infection, the impact of acquired immunity toward coronaviruses, and how interactions between the immune system and cells lining the lungs shape the inflammation characteristic of severe COVID-19.

brocku.ca/brock-news/2020/11/brock-awarded-200000-for-equipment-to-research-cell-biology-of-covid-19-infection/



Brock Earth Sciences professor lands Mars mission role:

When the Perseverance rover lands on Mars, Brock University Earth Sciences Professor Mariek Schmidt will be searching for signs of ancient life – albeit from millions of miles away. Schmidt is a Participating Scientist with the NASA Mars 2020 Mission that was scheduled to land at the Red Planet's Jezero Crater on Feb. 18, 2021. This is Schmidt's third Mars rover mission. Supported by the Canadian Space Agency, Schmidt will represent Brock as the only scientist from a Canadian Institution for this round of Participating Scientists. She is one of 13 Participating Scientists who were chosen for the role from 119 applicants. Schmidt focuses on using an instrument called the Planetary Instrument for X-Ray Lithochemistry (PIXL) an x-ray fluorescence spectrometer. brocku.ca/brock-news/2021/02/brock-earth-sciences-professor-lands-mars-mission-role/



Brock's research ethics manager gains national recognition:

When Lori Walker started her master's degree at Brock University more than a decade ago, she didn't realize that her work would impact the professional standing of research ethics administrators nationwide. At the time, Walker, now manager of Research Ethics at the University, had just joined an organization called the Canadian Association of Research Ethics Boards (CAREB). Her research and subsequent advocacy efforts led the federal government's Secretariat on Responsible Conduct of Research (SRCR) to formally recognize research ethics administration as a profession and enable ethics administrators to take an active role in the research ethics review process. CAREB awarded Walker with the President's Award for outstanding contribution and commitment. brocku.ca/brock-news/2020/06/brocks-research-ethics-manager-gains-national-recognition/



Brock researchers predict steep decline in tropical fisheries due to climate change:

Within 30 years, tropical fisheries – on which some 1.9 billion people depend on their food and livelihood – may see a decline of 40 per cent if nothing is done to mitigate climate change. This is the prediction of a new study, described in a paper co-authored by Jessica Blythe, Assistant Professor in Brock University's Environmental Sustainability Research Centre (ESRC), and recently published in *Nature Reviews – Earth & Environment*. The researchers map out the drastic effects that warming oceans, rising sea levels and changes to ocean chemistry and ecosystems will have on tropical fish stocks and, by extension, on people – as, for example, in many Pacific Island nations, where fish can make up as much as 90 per cent of the animal protein in an average person's diet. The study uses a model of greenhouse gas emissions established by the Intergovernmental Panel on Climate Change (IPCC) in which no considerable actions are taken globally to slow the rate of climate change. brocku.ca/brock-news/2020/08/brock-researchers-predict-steep-decline-in-tropical-fisheries-due-to-climate-change/



Niagara vineyards

Research from Brock's CCOVI helping Niagara vineyards: When Malcolm Lawrie wanted to make a change to the canopy management strategy used for his sparkling wine grapes, he turned to Brock University's Cool Climate Oenology and Viticulture Institute (CCOVI) for help. Fast forward five years and that grower is now combining his expertise with CCOVI's research to help guide the decisions he makes in the vineyard. CCOVI Director Debbie Inglis, alongside CCOVI Scientist Belinda Kemp and Assistant Professor in Biological Sciences Jim Willwerth, recently completed a study on the impact that different grapevine leaf removal treatments have on Cabernet Franc and Pinot noir grapes and wine. brocku.ca/brock-news/2020/09/research-from-brocks-ccovi-helping-niagara-vineyards/



Canadian families

Brock-led research team gets \$2.5-million SSHRC grant to study policies impacting diverse Canadian families: Brock University Professor of Sociology and Women's and Gender Studies, Andrea Doucet is a Canada Research Chair in Gender, Work and Care. With a \$2.5-million grant from the Social Sciences and Humanities Research Council of Canada (SSHRC), the Brock University professor will be heading an international team of researchers to study how childcare services, parental leave policies and employment policies impact diverse Canadian families. COVID-19 has shone a spotlight on services and policies that support, or constrain, parents as they care for and provide for their families while working from home with some facing job losses. brocku.ca/brock-news/2020/05/canada-research-chair-andrea-doucet-receives-2-5-million-sshrc-grant-to-study-policies-impacting-diverse-canadian-families/



"This funding will allow grape growers to rapidly improve the health of their vineyards and boost the domestic capacity in the supply of much needed virus-free grapevine plant material in Canada," says CCOVI Senior Scientist Sudarsana Poojari, who is leading the academic team of scientists.

CCOVI to co-lead \$6.2-million national research program supporting clean plant program for grapevines:

A \$6.2-million multi-partner funding commitment will allow Brock University's Cool Climate Oenology and Viticulture Institute (CCOVI) to support the Canadian Food Inspection Agency (CFIA) and the Canadian Grapevine Certification Network (CGCN-RCCV) to fast-track the certification of grapevine planting material as virus-free. CLEAN pLAnt extractionN SEquencing Diagnostics (CLEANSED) utilizes High-Throughput Sequencing (HTS) technology with improved sensitivity to simultaneously detect multiple viruses in a grapevine. This genomic-based solution would replace more than 30 tests to look for diseases. brocku.ca/brock-news/2020/10/ccovi-to-co-lead-6-2-million-national-research-program-supporting-clean-plant-program-for-grapevines/



Youth and COVID

Brock-led team awarded \$294,000 by SickKids, CIHR to study impact of COVID on youth mental health: Brock University Assistant Professor of Health Sciences Karen Patte is heading up a national team of researchers to study the mental health effects of the COVID-19 pandemic on youth over time. The team was awarded \$294,127 from the New Investigator Research Grant Program, a joint initiative supported by SickKids Hospital and the Canadian Institutes of Health Research (CIHR). Adolescence is a period of substantial psychological and social development that often sets the stage for the rest of a person's life, says Patte. But little is known about how lockdowns and pandemic measures have, and will, impact adolescent health and development. brocku.ca/brock-news/2020/12/brock-led-team-awarded-294000-by-sickkids-cihr-to-study-impact-of-covid-on-youth-mental-health/



Lung cancer

Canadian lung cancer prediction model proves effective at identifying at-risk African-Americans: The answer to reducing racial disparities in the occurrence of lung cancer could be found in a Canadian prediction model. A study published recently found that Brock epidemiologist and Professor of Health Sciences Martin Tammemägi's model identified up to 20 per cent more African-Americans who needed lung cancer screening than the United States Preventive Services Task Force (USPSTF) system. The data is considered more comprehensive because his model uses a greater number and broader criteria than the American system to determine who is eligible for lung cancer screening. brocku.ca/brock-news/2020/09/canadian-lung-cancer-prediction-model-proves-effective-at-identifying-at-risk-african-americans/



Heart disease

CIHR funds grad student researching link between childhood trauma and heart disease: Can traumatic childhood experiences lead to poor cardiovascular health later in life? With funding from the Canadian Institutes of Health Research, Brock University master's student Madison Gagnon will explore the relationship between Adverse Childhood Experiences (ACEs) such as abuse, neglect and household dysfunction, and increased risk of cardiovascular disease in adulthood. The Applied Health Sciences master's student is studying in the lab of the Niagara Longitudinal Heart Study (NLHS) alongside supervisors Professor Deborah O'Leary and Associate Professor Adam MacNeil. Gagnon's project involves studying the function of the endothelium, the inner cell layer of blood vessels, as a pathway between ACEs and cardiovascular disease. brocku.ca/brock-news/2020/07/cihr-funds-grad-student-researching-link-between-childhood-trauma-and-heart-disease/



Brock University receives nearly \$1 million in health research funding from CIHR:

Assistant Professor of Health Sciences Antony Chum and his team are investigating key impacts of cannabis policy two years after the Canadian government legalized the drug. In his research, Chum and his team will examine the increase in substance use-related hospitalizations, especially among youth, since recreational cannabis was legalized in Canada. Assistant Professor of Child and Youth Studies Matthew Kwan's research focuses on children living with Developmental Co-ordination Disorder (DCD), a neurodevelopmental condition that affects about five to six per cent of children. Kwan and Chum's work is being funded by CIHR's Project Grant Program, which supports researchers in all areas of health.

brocku.ca/brock-news/2020/11/brock-university-receives-nearly-1-million-in-health-research-funding-from-cihr/



Brock team discovers rosemary extract inhibits allergic process:

A Brock research team has discovered that components found in rosemary appear to inhibit the process leading up to an allergic reaction. But the seven-member team, headed by Associate Professor of Health Sciences Adam MacNeil and graduate student Michael Yousef (BSc '16, MSc '18), and including Professor of Health Sciences Evangelia Litsa Tsiani, says it's far too soon to recommend eating rosemary as a way of preventing allergies. "What we've really done here is to identify and start understanding the mechanism of how rosemary extract as a whole prevents the steps involved in the early and late phase reactions associated with allergies," says Yousef, lead author of the study.

brocku.ca/brock-news/2020/07/brock-team-discovers-rosemary-extract-inhibits-allergic-process/

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.

Climate debate heats up as Brock research shows disparity among predictive models:

While climate change is regarded as one of the world's most pressing issues, questions remain about how quickly the globe is warming. Rather than relying on predictive models, a research team led by Brock University Earth Sciences Professor Uwe Brand has discovered a way to accurately measure atmospheric oxygen levels at any given geologic time – providing historical insight into the world's state. In an Earth-Science Reviews article, Brand discusses this new approach to determining past atmospheres while also touching on issues that arise from use of predictive models in related research.

brocku.ca/brock-news/2021/04/climate-debate-heats-up-as-brock-research-shows-disparity-among-predictive-models/



Media literacy

Partnership with Nelson Education to research media literacy among pre-teens:

The virtual world can be confusing for parents and their children. It's often hard to tell the accuracy, truthfulness and authenticity of information posted on the internet. During the COVID-19 pandemic, parents are attempting to navigate online learning platforms with their children while imparting the sage advice of not always believing what you read. A research partnership between Brock University and Nelson Education Ltd. is aiming to provide parents and their 10 to 13 year olds with the knowledge and skills they need to evaluate what they read. "Today, parents need both digital technology skills and media literacy skills more than ever," says Professor of Educational Studies Tiffany Gallagher, Director of the Brock Learning Lab. brocku.ca/brock-news/2020/08/partnership-with-nelson-education-to-research-media-literacy-among-pre-teens/



Continuing education

Brock's CCOVI launches first-of-its-kind winemaking course:

With a new year on the horizon, wine enthusiasts can look forward to engaging in a new learning opportunity from Cool Climate Oenology and Viticulture Institute (CCOVI). Adding to its slate of successful online continuing education courses, the institute is launching the new Foundations in Winemaking course. It is the first standalone course from an accredited institution that will offer a foundation in winemaking to people of all experience levels and educational backgrounds. Photo: CCOVI Senior Lab Instructor Steven Trussler, who will be the certified instructor for CCOVI's new Foundations in Winemaking course, takes a sample of finished wine from a carboy using a wine thief. brocku.ca/brock-news/2020/12/brocks-ccovi-launches-first-of-its-kind-winemaking-course/



Mental health

Discovering the support of Brock's global community:

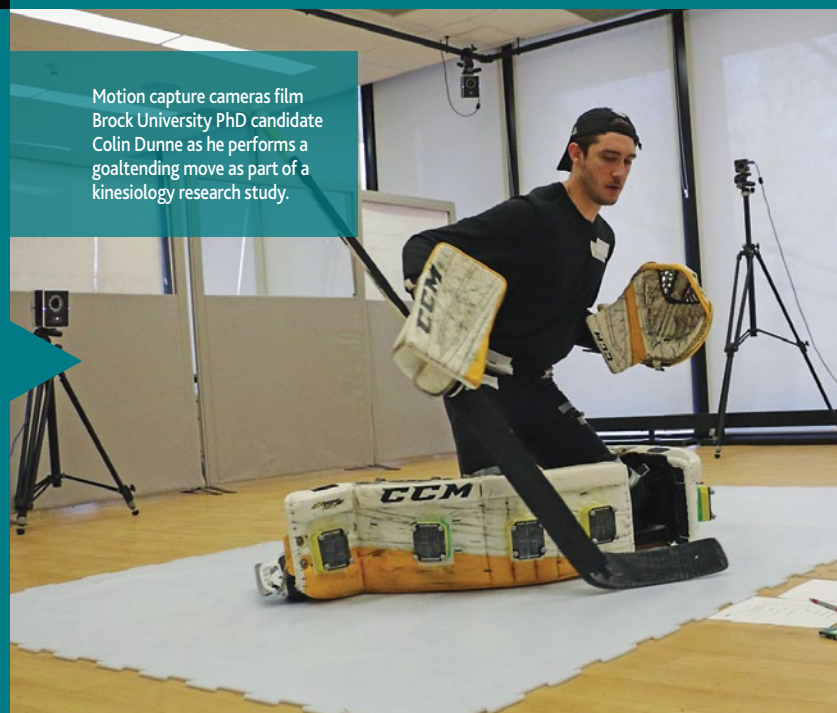
Ximena Paredes, a Psychology student from Querétaro, Mexico, participated in Brock's Bell Let's Talk Day initiative. Paredes knows first-hand the difference a proper support system can make in someone's life. The first-year student is a firm believer that a person's well-being is deeply dependent on their mental health, and she hopes to someday be a helping hand to provide guidance on a path to wellness. She took the first step in that journey in September 2020, when she began studying online at Brock from her home in Querétaro, Mexico. While virtual schooling came with its challenges, the support she's found among the University community has helped to keep her motivated. brocku.ca/brock-news/2021/03/discovering-the-support-of-brocks-global-community/

Brock research could be a game-changer for goalies:

Hockey goaltenders could have a new competitive advantage in stopping the puck thanks to researchers at Brock University. Professor of Kinesiology Kelly Lockwood and graduate student Colin Dunne have found an adjustment to the goalie skate that significantly increases the speed at which a goaltender can drop into the butterfly position to make a save. Their study, completed as part of Dunne's master's thesis, revealed how a small shift in blade alignment positioned on the bottom of the skate helped the execution of a frequent movement among goalies: the butterfly drop.

brocku.ca/brock-news/2020/08/brock-research-could-be-a-game-changer-for-goalies/

Motion capture cameras film Brock University PhD candidate Colin Dunne as he performs a goaltending move as part of a kinesiology research study.





Learning Lab provides online tutoring for local kids: Concurrent Education tutors from Brock University have been helping local children develop their literacy skills outside of their virtual classrooms. The Brock students were enrolled in a Reading and Literacy Development class taught by Learning Lab Administrative Co-ordinator and Interventionists Co-ordinator Paul Ferrara, Teacher Education Instructor Rachel St. Hilaire and the Director of the Brock Learning Lab and Professor of Educational Studies Tiffany Gallagher. The course normally includes students tutoring at the Brock Learning Lab or local schools to help them put theory into practice, but with Brock courses moving online, the experiential education portion of the course did as well. For local families, the program offered extra support for learning at home. brocku.ca/brock-news/2020/06/learning-lab-provides-online-tutoring-for-local-kids/



DSBN students excel with Goodman service-learning project amidst pandemic: Every semester, high-school business class students from the District School Board of Niagara (DSBN) participate in service-learning projects offered through the Goodman School of Business. The students are partnered with local companies looking for change in their business. Although students couldn't meet in person to collaborate for the project due to the COVID-19 pandemic, physical distancing restrictions weren't going to stop them from engaging in additional learning opportunities. Many aspects of the project were transitioned online, including group discussions, mentoring with Goodman's Experiential Education staff and the final competition-style presentation. brocku.ca/brock-news/2020/07/dsbn-students-excel-with-goodman-service-learning-project-amidst-pandemic/



Virtual event helps Brock build momentum around the world: International Student Ambassadors (clockwise from left) Jiaqi Wang from China, Ana Ferreira from Trinidad and Tobago and Aiden Luu from Vietnam chatted virtually during a panel discussion as part of Brock's International Open Day. Since its inaugural Open Day in the fall of 2020, Brock International has held the online event quarterly in response to the ongoing COVID-19 pandemic. On Feb. 10 and 11, 2021, the event attracted a record 960 incoming and prospective international students, parents and high school counsellors from 90 countries. The pivot to virtual recruitment has resonated worldwide, with January 2021 international student enrolment up 34 per cent compared to last year. brocku.ca/brock-news/2021/02/virtual-event-helps-brock-build-momentum-around-the-world/

SUPPORTING THE NIAGARA REGION



Fighting cancer

Brock Cyclones riding full speed ahead to help the local fight against cancer: While the whole world has been put on pause due to COVID-19, the Brock Cyclones will still be riding full speed ahead. The Cyclones are a group of Brock faculty, staff and students who ride annually in the Big Move Cancer Ride raising funds for the Walker Family Cancer Centre in Niagara. Over the past 10 years, they have raised more than \$70,000 and were inducted into the Platinum Peddlers club in 2016 for raising more than \$50,000 since the team's inception. This year, the Cyclones will be riding individually to adhere to COVID-19 regulations. Photo: Elna Mayberry, Scheduling Assistant in the Office of the Registrar participating in last year's ride. brocku.ca/brock-news/2020/07/brock-cyclones-riding-full-speed-ahead-to-help-the-local-fight-against-cancer/

DSBN/Goodman

Goodman Group offers unique high school co-op experience: Grade 12 student Sartaj Sidhu created Stride Inc., a rideshare program for students aged seven to 17, that primarily uses parents as drivers, as part of the High School Entrepreneurship Co-op Program offered in partnership between Brock University's Goodman Group, the District School Board of Niagara and local business incubator ihub. The program helps secondary school students develop their leadership and entrepreneurial skills as part of their co-op experience. Students earn a high school co-op credit while they learn about the basics of entrepreneurship and develop their own business ideas. brocku.ca/brock-news/2020/07/goodman-group-offers-unique-high-school-co-op-experience/

Staying connected

Penguins maintain 'sense of belonging' through pandemic: Coach Loretta Davis played a key role in running virtual programming for the Brock Niagara Penguins during the pandemic. The COVID-19 pandemic has changed how society interacts, yet the Penguins managed to maintain their sense of belonging, a trademark of the parasport club's culture. When everything shut down, the Penguins quickly connected their athletes with coaches and volunteers, many of whom are Brock students, to keep their tight-knit community in touch with weekly check-ins, including online group workouts and social activities. "During this pandemic, I have seen volunteers and athletes interact in a way they would not have if we were in person," said Davis. brocku.ca/brock-news/2021/03/penguins-maintain-sense-of-belonging-through-pandemic/

COVID recovery

Funding allows Brock students to assist Niagara businesses impacted by COVID-19: Funding from the Government of Canada through the Canada Summer Jobs program has allowed Brock University to hire 19 students who will help Niagara businesses in their recovery from COVID-19. With the funding, Brock is partnering with Niagara's chambers of commerce to provide assistance in the economic recovery of the region. The students will be employed by the University but will work in conjunction with the Greater Niagara Chamber of Commerce and the South Niagara Chambers of Commerce on a variety of projects as requested by local businesses and work in conjunction with the Niagara Region and the Small Business Enterprise Centres. brocku.ca/brock-news/2020/09/funding-allows-brock-students-to-assist-niagara-businesses-impacted-by-covid-19/

SNAPsacks

Supporting Neurodiversity through Adaptive Programming launches SNAPsacks: Inclusive and Adaptive Physical Activity Specialist Demi Toms is helping to keep Brock University's Supporting Neurodiversity through Adaptive Programming (SNAP) participants moving while at home with the launch of SNAPsacks. Brock University's SNAP kept participants active and in routine with online home workouts over the summer before launching SNAPsacks – bags which contain a booklet of activities with step-by-step written and visual instructions, as well as the corresponding equipment needed to do the activities. Online home workouts and SNAPsacks have been designed to help alleviate stress in families and caregivers during the COVID-19 pandemic. brocku.ca/brock-news/2020/09/supporting-neurodiversity-through-adaptive-programming-launches-snapsacks/

Animal neighbours

New web adventure helps kids learn about the animals at work around them: A new website co-developed by Kendra Coulter, Associate Professor and Chair of the Department of Labour Studies, invites young children to learn about their animal neighbours and the work they do. Animal Neighbours encourages children aged four to eight, or "little travelers," to look and listen in their urban or rural environment to observe common Ontario wildlife and learn more about the animals' lives. There are pre-planned activities, profiles of a few of the most common animals and the chance for kids to earn an expert certificate. brocku.ca/brock-news/2020/06/new-web-adventure-helps-kids-learn-about-the-animals-at-work-around-them/



Brock Education Journal releases special pandemic issue: As educators around the world respond to the challenges created by COVID-19, the Brock Education Journal has released a special issue exploring the impact of the pandemic on education and innovative strategies to help educators adapt. Trevor Norris, Editor-in-Chief of the journal and Associate Professor in the Faculty of Education, saw an opportunity for Brock researchers and experts to contribute to the response in education at all levels. "It became clear that our faculty members had considerable expertise and were innovative at finding ways to adjust and adapt to COVID, even in those fields that might seem especially hard to transition," said Norris, who added that there are few academic papers available about education during a pandemic.
brocku.ca/brock-news/2020/09/brock-education-journal-releases-special-pandemic-issue/



Goodman School of Business earns prestigious designation for contribution to economy: Brock University's Goodman School of Business has received the Business School Impact System (BSIS) label in recognition of the significant contribution the School makes both locally and globally. The BSIS external review quantifies the extent and nature of a business school's impact on its environment. What it found was Goodman's contribution to the Niagara economy adds up. The School's activities contribute to an economic impact totalling \$380 million annually through direct, indirect and induced contributions. Goodman is just the third North American business school to receive this label.
brocku.ca/brock-news/2021/03/goodman-school-of-business-earns-prestigious-designation-for-contribution-to-economy/



Brock Leaders Citizenship Society member Sophia Nelson created a video about hiking in Niagara that was shared virtually with community members.

Student leaders create videos to engage the community: Though its annual ball hockey tournament charity fund-raiser is on hold, the Brock Leaders Citizenship Society (BLCS) has still found a way to keep its community spirit rolling. With those plans unable to take place due to the COVID-19 pandemic, the group put their heads together and figured out another way to give back. Third-year Neuroscience student Sophia Nelson and her BLCS colleagues decided to keep the community active by creating engaging virtual video resources that discuss and provide instruction on a variety of topics, such as hiking, sewing, meditation and even a step-by-step guide to making chocolate chip cookies.
brocku.ca/brock-news/2021/04/student-leaders-create-videos-to-engage-the-community/

CCOVI uncorks novel partnership to aid local pandemic efforts: Brock University's Cool Climate Oenology and Viticulture Institute (CCOVI) is contributing to Niagara's pandemic efforts thanks to a partnership with Dillon's Small Batch Distillers. CCOVI donated nearly 5,000 litres of wine to the Beamsville-based distiller, which will be transformed into approximately 1,000 bottles of hand sanitizer for the local community. Debbie Inglis, Director of CCOVI, says collaborating with Dillon's on this initiative is a win-win. "Thanks to this partnership, we can tell them the wine is being given a second life, as well as keeping our community safe and healthy in the process," she says.
brocku.ca/brock-news/2020/08/ccovi-uncorks-novel-partnership-to-aid-local-pandemic-efforts/



Research Assistant Alexandra Gunn (BSc '19) purges CCOVI's donated wine into large totes to be delivered to Dillon's Small Batch Distillers and converted into hand sanitizer.



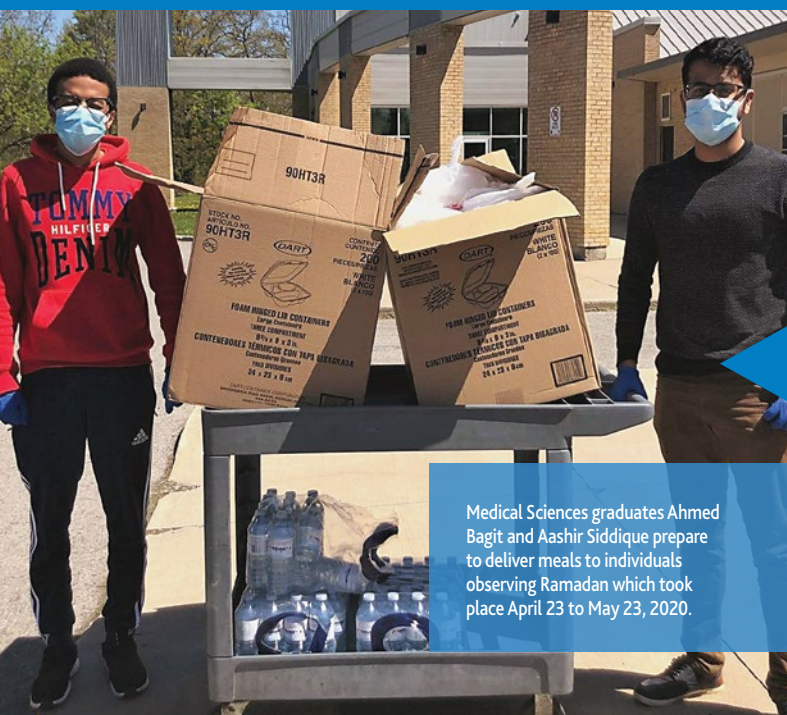
Indigenous advancement

Education partnership to advance Indigenous subject matter across Niagara: The Faculty of Education (FOE) and the Landscape of Nations 360° Indigenous Education Initiative (LON 360°) have committed to collaborate on initiatives to advance Indigenous subject matter across the Niagara region. LON 360° was formed to facilitate the inclusion of Indigenous history, knowledge, and expression consistent with the Ontario curriculum in Niagara's K-12 classrooms. The program assembled an intellectual roundtable of preeminent scholars and cultural specialists that developed intellectual standards supporting teacher training and the development of appropriate Indigenous content instructional materials. Both FOE and LON 360° are committed to academic co-operation, collaborative research, and cultural and personnel exchanges, as well as working together on educational and research projects to advance their goals – in particular, to realize the Truth and Reconciliation Commission of Canada's Calls to Action. Photo: Prior to the COVID-19 pandemic, teachers from across the Niagara region participated in the Landscape of Nations 360° Teacher Training Program.
brocku.ca/brock-news/2020/09/education-partnership-to-advance-indigenous-subject-matter-across-niagara/



Brock virtually welcomes inspiring Black youths from across the country for 1834 Fellowship event: Apefa Adjivon (bottom), one of 40 youths who participated in the three-day 1834 Fellowship Policy Forum, presented her group's public policy proposal to Velma Morgan, Chair of Operation Black Vote Canada, and Prime Minister Justin Trudeau. The 1834 Fellowship, reflective of the year that slavery was abolished in Canada, helps to prepare remarkable Black youths for civic leadership roles and supports their skills and career development. In March 2021, Brock University virtually hosted the inaugural 1834 Fellowship Policy Forum, with fellows from Ontario, Quebec and Alberta.
brocku.ca/brock-news/2021/03/brock-virtually-welcomes-inspiring-black-youths-from-across-the-country-for-1834-fellowship-event/

Brock grad helping a community in need: As a child growing up in Saudi Arabia, Ahmed Bagit has early memories of his father buying groceries and taking him to under-privileged neighbourhoods to distribute food. Now, the Brock University Health Sciences grad is following in those footsteps to help Niagara residents who may be struggling to pay for food. As the COVID-19 pandemic was escalating, Bagit took it upon himself to learn more about how the disease impacts those at risk. It resulted in him launching a free delivery service of pre-paid groceries and finding ways to finance food for those in need during Ramadan. "My parents instilled in me, no matter what position you are in life, you need to give back," Bagit says.
brocku.ca/brock-news/2020/06/brock-grad-helping-a-community-in-need/



Medical Sciences graduates Ahmed Bagit and Aashir Siddique prepare to deliver meals to individuals observing Ramadan which took place April 23 to May 23, 2020.

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.

Dramatic Arts graduate's web series selected

for digital innovation grant: Marley Kajan (BA '14), who majored in Dramatic Arts during her time at Brock University's Marilyn I. Walker School of Fine and Performing Arts, has good reason to celebrate. The web series she cocreated, Like Comment Subscribe, has been selected for the Canada Council for the Arts and CBC Digital Originals initiative. Kajan and her co-creator, Connor Ferris, are excited to kick-off production of their pilot. "Like Comment Subscribe follows millennial influencers and BFF's Meaghan and Avery, who seem to have it all: fortune, fame and followers," said Kajan. "But when COVID-19 sends their lives into lockdown, the impact begins to reveal the people behind the profiles." brocku.ca/brock-news/2020/09/dramatic-arts-graduates-web-series-selected-for-digital-innovation-grant/

Department of Dramatic Arts (DART) graduate Marley Kajan (BA '14) and Connor Ferris, co-creators of new web series Like Comment Subscribe.



Committed to Inclusivity

Black History Month part of year-round efforts at Brocks: Feb. 1, 2021 marked the start of African Heritage Month/Black History Month (AHM/BHM). Brock is recognizing AHM/BHM virtually while continuing its year-round commitment to foster a culture of inclusivity, accessibility, reconciliation and decolonization. Brock's commitment can be seen in a wide variety of ways such as Brock students participating in the first cohort of the Onyx initiative; an effort by Human Rights and Equity (HRE) and the Faith and Life Centre to spotlight 20 Black Canadians during the month of February; and HRE-led initiatives presenting on issues around Black mental health.

brocku.ca/brock-news/2021/02/black-history-month-part-of-year-round-efforts-at-brock/



No.1 co-op employer

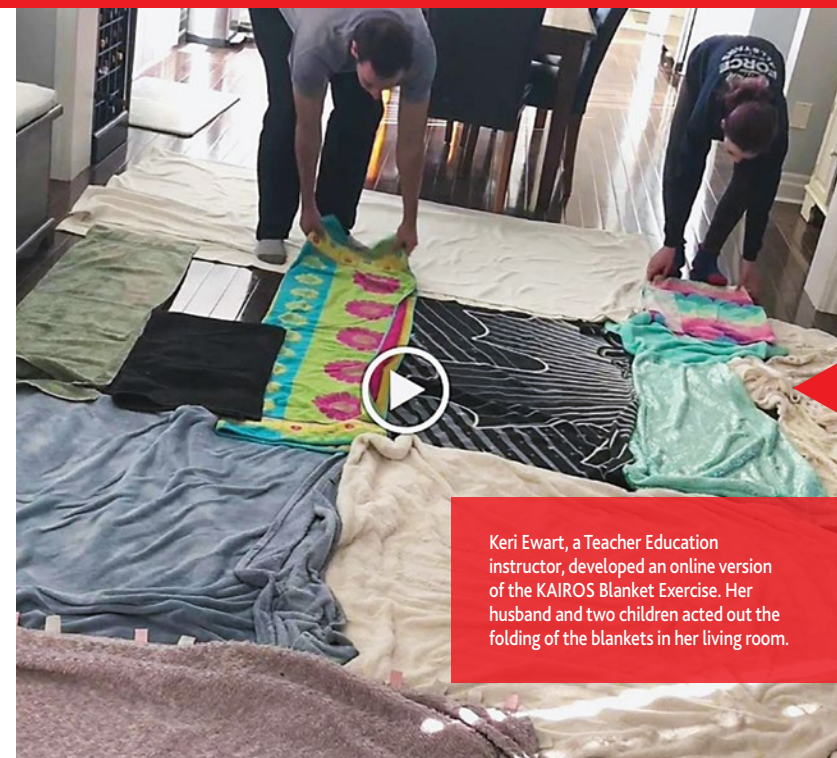
Brock announces co-op employer awards: Since joining Akelius Canada in 2016, Jeffrey Huang, (BAcc '10) has been responsible for hiring 21 co-op students from Brock University. For his willingness to go above and beyond to advocate for his alma mater, and provide opportunities for students, Huang has been named this year's recipient of the Brock University Alumni Co-op Employer Award. It was one of a series of awards handed out by Brock's Co-op, Career and Experiential Education team, as well as Alumni Relations recently. "Being a Brock alumnus, giving back is very important to me," Huang said. "Brock has provided me the knowledge to succeed in my professional life, so I want to provide the same to its future students."

brocku.ca/brock-news/2021/03/brock-announces-co-op-employer-awards/



Grad success

Bright future for Brock grad at leading Canadian arts festival: It's no secret that 2020 was an incredibly challenging year for the arts, but for Dian Marie Bridge (BA '99), there's reason to celebrate. Luminato Festival Toronto announced the appointment of Bridge as its new Associate Artistic Director. Based in Toronto, Bridge is an award-winning theatre creator and producer. Bridge graduated with a Bachelor of Arts, Major in Theatre from Brock University in 1999. Her excitement for the future is electric. "Luminato offers unparalleled arts programming for the city, and beyond," said Bridge. "This festival is a major cultural draw, and it is so exciting to open the door for a lot of artists." Luminato Festival Toronto is an internationally acclaimed arts festival. brocku.ca/brock-news/2021/02/bright-future-for-brock-grad-at-leading-canadian-arts-festival/



Keri Ewart, a Teacher Education instructor, developed an online version of the KAIROS Blanket Exercise. Her husband and two children acted out the folding of the blankets in her living room.

Education instructor brings Indigenous history

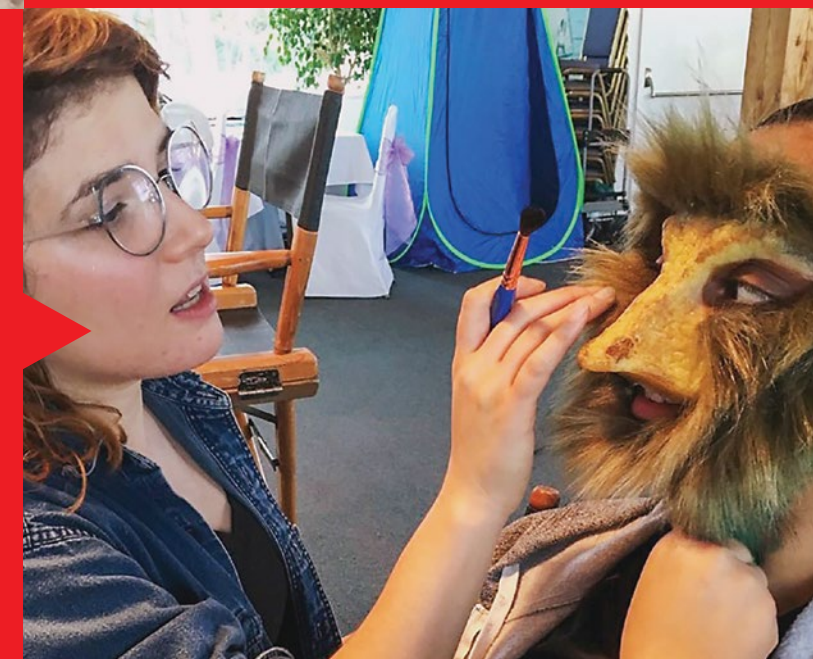
lesson to life online: When classes at Brock University moved online, Keri Ewart found herself planning an unusual virtual alternative to a critical unit for teacher candidates in her Social Studies class. Ewart, a Teacher Education instructor developed an online version of the KAIROS Blanket Exercise to help teacher candidates better understand the shared history of Indigenous and non-Indigenous peoples in Canada from pre-contact to the present day. The interactive history lesson was developed by KAIROS Canada in collaboration with Indigenous Elders, Knowledge Keepers and educators. There was no online version of the exercise. "This activity is so powerful and has such an impact that I wanted to do its virtual replication justice," said Ewart, who is a trained Blanket Exercise facilitator.

brocku.ca/brock-news/2020/05/education-instructor-brings-indigenous-history-lesson-to-life-online/

Humanities grad wins Daytime Emmy:

Karlee Morse (BA '11) wasn't sure at first what she wanted to do when she graduated from Brock University. But the Brock alumna has clearly found her calling having won a Daytime Emmy in June 2020 for Outstanding Special Effects Costume, Makeup and Hairstyling for her work on an episode of the children's show Dino Dana. Morse worked with a team of three artists to transform four actors into dinosaurs for the episode of Dino Dana. Working from CGI illustrations and the costume design by Christine Toye, Morse seamlessly transformed the actors. "It's just amazing," she said of her win. "Truthfully it was really hard. It was a lot of work."

brocku.ca/brock-news/2020/07/humanities-grad-wins-daytime-emmy/



Event aims to inspire next generation of female scientists: Women in the scientific community contribute compelling and life-changing research globally every day, but the United Nations (UN) estimates that less than 30 per cent of researchers worldwide are female. In order to achieve full and equal access to science for women while also achieving gender equity and the empowerment of women and girls, the UN General Assembly declared every Feb. 11 as the International Day of Women and Girls in Science. To recognize the remarkable female faculty and students within the Brock community, a Women in Science event took place virtually on Feb. 11, 2021, which featured 11 guest speakers from a wide array of scientific disciplines who discussed their research and rewarding career paths. brocku.ca/brock-news/2021/02/event-aims-to-inspire-next-generation-of-female-scientists/



Mariana Garrido, a PhD student in the Faculty of Mathematics and Science, was the force behind the Women in Science event at Brock University.



Brock is taking more steps to advance equity and inclusion: Brock University is taking important steps towards achieving the objectives established in Brock's Institutional Strategic Plan, approved by Senate and the Board of Trustees, which prioritizes fostering a campus culture of inclusivity, accessibility, reconciliation and decolonization, including:

- Funding new graduate student scholarships through the Brock Horizon Scholarship: \$1-million allocated to fund scholarships and bursaries to high-achieving graduate students from under-represented groups.
- Education and training: Improving on-campus training and education while providing increased equity and inclusivity programming, with new training provided over the coming year.
- Celebrating research success: Brock will share stories and content highlighting the achievements of its diverse faculty and researchers.

brocku.ca/brock-news/2020/06/brock-is-taking-more-steps-to-advance-equity-and-inclusion/



Goodman MBA ranks first in Canada for class and faculty diversity: Goodman School of Business has been ranked among the top MBA programs in the world. In its first year participating in the QS Global MBA Rankings, the School ranked 12th out of 20 Canadian business schools, including a distinction of being ranked first in Canada for the Class and Faculty Diversity indicator group, which measures student and faculty gender balance, the percentage of international faculty members within the business school and the number of nationalities represented by students in the MBA program. Andrew Gaudes, Dean for the Goodman School of Business says, "We are proud to offer a diverse and inclusive environment to learn and work, and that our efforts have been recognized." brocku.ca/brock-news/2020/09/goodman-mba-ranks-first-in-canada-for-class-and-faculty-diversity/



Horizon Scholarship winner strives to improve treatment of Black athletes at Canadian universities: Teshawn Smikle, a master's student in Brock's Social Justice and Equity Studies program, is hoping to make a difference in how Black athletes are treated at Canadian universities. While completing his undergraduate degree at another Ontario university, Smikle and fellow Black players on the school's football team were often the target of racist behaviour. That experience drove Smikle to want to create change in university sports in Canada. While pursuing his master's degree at Brock, he is examining how stereotypes of Black male athletes influence their educational experience. brocku.ca/brock-news/2021/03/horizon-scholarship-winner-strives-to-improve-treatment-of-black-athletes-at-canadian-universities/



Orange Shirt Day

Community invited to learn about residential schools on Orange Shirt Day: Aboriginal Events Co-ordinator Cindy Biancaniello had her orange shirt, earrings and key chain ready for Orange Shirt Day held Sept. 30, 2020. On Orange Shirt Day, members of the Brock University and Niagara communities were invited to wear orange shirts to raise awareness of the history and ongoing effects of Canada's residential school system. Orange Shirt Day has its origins in 1973, when Phyllis (Jack) Webstad was stripped of a new orange shirt purchased by her grandmother on her first day at the St. Joseph Mission residential school in Williams Lake, B.C., leaving her feeling worthless and insignificant. Sandra Wong, Director, Aboriginal Student Services (AbSS), said wearing an orange shirt allows allies to join together with Indigenous communities as they remember the approximately 150,000 children forced to attend residential schools, where many experienced physical and sexual abuse, as well as more than 6,000 students who did not survive. "We want people to know the real history, and maybe get rid of some commonly held biases, especially in the areas of medicine and law-enforcement," she said. brocku.ca/brock-news/2020/09/community-invited-to-learn-about-residential-schools-on-orange-shirt-day/



Andrea Barker (MSc '19) was recently featured in Orchard & Vine Magazine for her success in the British Columbia wine industry.

Brock master's student named Toronto Star Changemaker: Rather than simply fulfilling her own hoop dreams, Fitriya Mohamed (BSM '19) has pivoted her focus to helping other Muslim women excel in basketball. The Brock University Master of Arts in Sport Management student fell in love with the sport when she moved to Toronto from Ethiopia at the age of 10. She has since been on a mission to create a supportive space for Muslim women to pursue their on-court passions. Mohamed's actions have not gone unnoticed and in February 2021 she was featured as one of The Toronto Star's Changemakers, inspiring individuals who are improving the lives of Canadians through their efforts. thestar.com/life/together/people/2021/01/10/fitriya-mohamed-is-changing-the-game-and-the-conversation-around-muslim-women-in-sports.html



CCOVI's west coast connections spur student and graduate success: Whether its leading industry-driven research, hosting alumni networking events or running outreach seminars and workshops, Brock University's Cool Climate Oenology and Viticulture Institute (CCOVI) is connecting people from coast-to-coast. "A strong network of professional and academic contacts is invaluable in this industry," says Andrea Barker (MSc '19). Currently the Winemaker and Vineyard Manager at Foxtrot Vineyards in Naramata, B.C., Barker was recently featured in Orchard & Vine Magazine. She discussed some of the innovative research taking place at the winery, crediting her time working alongside the CCOVI team with giving her the foundation for making great wines. brocku.ca/brock-news/2020/08/ccovis-west-coast-connections-spur-student-and-graduate-success/



Brock Sports 2020-21 Awards:

- David S. Howes Spirit of Brock Award – Kristin Gallant (Women's basketball)
- R. M. Davis Surgite Award – Bobby Narwal (Men's wrestling)
- David Atkinson Surgite Award – Emma Irwin (Womens' hockey)
- Joseph P. Kenny Student Therapist Award of Excellence – Abbey Hood Tidman and David Loiacono
- Brock Sports Performance Student Intern of the Year – Isaac Seabrook
- Brock Sports Performance Impact Award – Lyanne Martin
- Badgers Honour Roll (80 per cent or higher): 305 student-athletes – for full list of students visit: gobadgers.ca/news/2020/12/14/general-news-brock-badgers-succeed-on-the-field-and-in-the-classroom.aspx



Brock students launch organization to tackle inequality in sports:

Inspired by the Black Lives Matter movement, fourth-year Sport Management (SPMA) students John (JJ) Gobin and Jacob Klein Goldenberg founded an organization called Voices for Equality in Sport to help create an equal playing field in the sport industry. Voices for Equality in Sport sets out to highlight social injustices in the sport industry and promote equality within the industry. The goals are to provide resources and opportunities to empower minority groups within the sport industry, as well as anyone who wants to help support the movement.

brocku.ca/brock-news/2020/07/brock-students-launch-organization-to-tackle-inequality-in-sports/

BROCK SPORTS ACHIEVEMENTS



Medical Sciences student-athlete excelling on ice and in class:

Women's hockey player Rebekah Feld was one of 10 recipients of this year's President's Surgite Award, one of Brock's most prestigious honours, and she recently earned two consecutive Natural Sciences and Engineering Research Council of Canada (NSERC) Undergraduate Student Research Awards. Through Brock's Med Plus program, a competitive four-year, non-credit program that runs concurrently with students' academic studies, she also had the opportunity to job shadow for a day last year at Niagara Health's St. Catharines Site. "It was the most unreal experience I've ever had," said Feld, a third-year Medical Sciences student.

gobadgers.ca/news/2021/5/12/womens-hockey-medical-sciences-student-athlete-excelling-on-ice-and-in-class



Samantha Keltos and Melissa Tatti (right) take a selfie with members of an Ottawa girls minor basketball team following a U SPORTS match during the 2020 Women's Final 8.

Brock Sports launches Women in Sport group: Brock Sports established a new group to engage women in sport and help elevate them on the athletics landscape. The Brock Sports Women in Sport Group started a series of virtual meetings to cover critical topics such as: Building a positive team culture, Confidence and leadership, Body image and mental health, Building equity in sport, Building yourself outside of sport and Goal setting. In addition to several Brock faculty members, guest speakers so far have included Olympic figure skater Kirsten Moore-Towers, former Brock Assistant Athletic Director and coach Chris Critelli, St. Francis Xavier University women's basketball coach Lee Anna Osei and Niagara College Athletic Director and former Canada Basketball President Michele O'Keefe. gobadgers.ca/news/2020/9/22/general-news-brock-sports-launches-women-in-sport-group.aspx

Dual-sport Brock athlete named to national bobsleigh team:

A dual-sport athlete at Brock University has added a third sport to her resumé with dreams of competing in the Olympics one day. Niamh Haughey, a 22-year-old Physical Education student from Scarborough, was one of 33 athletes named to Canada's national bobsled team for the 2020-21 season. Haughey looked to make her mark on the Development Bobsleigh Team as a brakeman as she worked towards her goal of making the senior team. A member of the Brock women's rugby and hockey teams, Haughey decided to try bobsleigh on a whim. She was identified as Olympic talent during an RBC Training Ground combine event held at Brock in 2018. gobadgers.ca/news/2020/12/21/womens-hockey-dual-sport-brock-athlete-named-to-national-bobsleigh-team



Former student-athlete urges people to talk about mental health:

Abbey Morris (BA '19) has had a complicated dance with mental health. The former Brock University student athlete spent years plagued with anxiety and depression, ultimately leading to an eating disorder. But after facing her struggles head-on, the champion cheerleader has harnessed her strength in hopes of encouraging others to also get the help they need. "Throughout my life, mental health has been both invisible and undetectable, and then undeniably apparent to the eye," said Morris, who was diagnosed with anorexia nervosa during her final year of university. During Bell Let's Talk Day on Thursday, Jan. 28, 2021, Morris spoke out about confronting her own inner conflicts and shared how Brock University and its cheerleading team helped her get through some of the darkest times of her life.

brocku.ca/brock-news/2021/01/former-student-athlete-urges-people-to-talk-about-mental-health/



Signing with the pros:

Brock University men's hockey defenceman Skylar Pacheco (BBA '20) signed a pro contract to play for the Amiens Gothics of the Ligue Magnus, the top division of men's hockey in France, after five years with the Badgers.

brocku.ca/brock-news/2020/06/badgers-defenceman-signs-pro-hockey-contract/

Brock University's men's hockey team captain Connor Walters signed a pro hockey contract with the Toledo Walleye, which is the East Coast Hockey League (ECHL) affiliate of the National Hockey League's (NHL) Detroit Red Wings.

brocku.ca/brock-news/2020/06/badgers-mens-hockey-captain-snags-pro-hockey-contract-with-toledo-walleye/

Former Brock women's volleyball player Laura Condotta (BSM '20) signed with Raiffeisen Volley Toggenburg of the Swiss Women's Volleyball Championship League A.

brocku.ca/brock-news/2020/08/brock-badgers-star-volleyball-player-signs-with-pro-team/



Cayer, Kalef named Jason Pearson Memorial Scholarship Award winners:

Daniel Cayer of the men's basketball team and Ethan Kalef of the men's volleyball team received the Jason Pearson Memorial Scholarship Award on Monday, Jan. 11, 2021. Named in honour of a Brock student-athlete who tragically lost his life in a car crash in June 2001, the Jason Pearson award is given annually to two recipients who not only have athletic and academic ability, but also exhibit the same warmth of personality, concern for others and positive attitude for life as did Pearson. This year's recipients, Cayer, a fifth-year forward from Pierrefonds, Que., and Kalef, a third-year libero from Nepean, Ont., both study Sport Management and are considered leaders among their respective varsity teams.

brocku.ca/brock-news/2021/01/cayer-kalef-named-jason-pearson-memorial-scholarship-award-winners/

BrockTV commentator earns OUA award: BrockTV play-by-play commentator Matt Bonomi (BSM '18) was awarded the inaugural Best Webcast Announcer during the Ontario University Athletics CHAMP Awards, held virtually on Thursday, May 28, 2020. "Matt Bonomi dedicated this season to becoming one of the most exhilarating play-by-play commentators across the OUA," the judging committee wrote. "His passion for the craft leads to the creation of an exciting atmosphere for all fans to get engaged and cheer from the comfort of their own homes." Bonomi, who graduated from Brock's Sport Management program in 2018, coined the classic call "All-Day Breakfast!" a few seasons ago and it has become synonymous with celebrating Badgers athletic achievements. brocku.ca/brock-news/2020/05/brocktv-commentator-recognized-at-ontario-university-athletics-champs-awards/



Alumni Trailblazer

History on ice: How Michael Nicholson became a hockey trailblazer: Michael Nicholson (BA '70) is believed to be the first Black captain of a Canadian university hockey team. When Nicholson was named captain of what was then known as the Brock Generals men's hockey team in the fall of 1968, his teammate Michael Rohatynsky (BA '71) thought little other than it was a deserving honour. "At the time when Mike was named captain, we didn't see it as a big deal," says Rohatynsky. "No question Mike was our leader and he had every right to be our captain." The fact Nicholson was Black was never thought of as anything notable. He was just one of the guys and a talented hockey player known for his playmaking and skating abilities. But looking back half a century later, in an era of increased awareness of issues around equality and diversity, Rohatynsky started to realize that Nicholson was more than just a deserving captain. He was a pioneer. After he graduated at age 23, Nicholson worked at Stelco Steel in Hamilton before receiving an offer to play hockey for the Erie Lions from 1970-73. He made an impact in his first year as one of the club's top scorers with 78 points in 41 games. gobadgers.ca/news/2021/2/10/mens-hockey-history-on-ice-how-michael-nicholson-became-a-hockey-trailblazer



Alumni Recognition awards

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 Award: The award honours one Brock University graduate each year who has earned prominence as a result of their exceptional professional achievements and/or service to society.

- Jeff Park (BAcc '95)

Outstanding Young Alumni Award: This award honours one young alumnus/a for their outstanding contributions early in their career.

- Julie Rorison (BA '10)

Community Engagement Award: This award honours one alumnus/a who has set a high standard for community service and has made a significant contribution as a volunteer to their community.

- James Symons (BRLS '11)

Distinguished Faculty Graduate Award: This award was implemented to celebrate individual Faculty alumni who have earned prominence as a result of their exceptional professional achievements and/or service to society.

- Kellyana Quattrini (BSc '11) – Faculty of Applied Health Sciences
- Lee Martin (BEd '12) – Faculty of Education
- Adam Shoalts (BA '09) – Faculty of Humanities
- Mahendhiran Nair (BSc '89) – Faculty of Mathematics and Science
- Angela Aiello (BA '05) – Faculty of Social Sciences
- Sean Waschuck (BAcc '96) – Goodman School of Business

brocku.ca/homecoming/recognition-reception/

Brock student excellence

Brock Leaders Citizenship Award

Brock Leaders Citizenship Awards recognize a combination of high academic achievement and personal leadership abilities.

- Emma Bergen – Humanities
- Katherine Charette – Goodman School of Business
- Kayla Dutka – Social Sciences
- Madison Furguele – Social Sciences
- Madelyn Grossi – Applied Health Sciences
- Victoria Hawton – Mathematics and Science
- Jacob Heathfield – Humanities
- Andrew Laliberte – Humanities
- Abigail Lococo – Humanities
- Emily Meyer – Social Sciences
- Rebecca Mosimann – Mathematics and Science
- Arica Oliver – Goodman School of Business
- Arianna Paolone – Applied Health Sciences
- Ximena Paredes – Social Sciences
- Riley Porter – Humanities
- Natalia Rodrigues – Humanities
- Prabnik Sidhu – Goodman School of Business
- Emily Sweet – Applied Health Sciences
- Grace Teal – Social Sciences
- Jordan VanDusen – 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.

- Harroop Ahuja – Applied Health Sciences
- Syed Azaan Adnan – Applied Health Sciences
- Kirsten Bott – Applied Health Sciences
- Natasha Campbell – Social Sciences
- Rebekah Feld – Applied Health Sciences
- Bao Huynh – Goodman School of Business
- Lisa Mochrie – Applied Health Sciences
- Fitriya Mohamed Hussein – Applied Health Sciences
- Nicholas Printup – Social Sciences
- Grayson Wadsworth-Hayes – Social Sciences

Aboriginal Achievement Awards

The Aboriginal Achievement Award honours high-level achievers in their studies and off-campus lives.

- Nicolas Printup – Social 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.

- Harroop Ahuja – Applied Health Sciences
- Josephina Alessandra Campanella – Mathematics and Science
- Amy Cruickshank – Applied Health Sciences
- Carolyn Fast – Humanities
- Brielle Kaminsky – Humanities
- Joyce Khouzam – Education
- Edwin Layea – Education
- Carly Magnacca – Social Sciences
- Madeline Pontone – Social Sciences
- Rafay Rehan – Goodman School of Business
- Mark Rosario – Goodman School of Business
- Michael Tolentino – Mathematics and Science
- Hope Tuff-Berg – Social Sciences
- Christopher Yendt – Education

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 (tie) – Benjamin Earp-Lynch – Mathematics and Science
- Gold (tie) – Simon Earp-Lynch – Mathematics and Science
- Silver – Robert Kraig Helmeczi – Mathematics and Science
- Silver – Collin Tower – Mathematics and Science

Co-op and Experiential Education Awards

Co-op Student of the Year Awards recognize 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 in the community at large.

- Joel Gritter – Bachelor of Computer Science Honours Co-op with a Minor in Business (Undergraduate category)
- Syed Hashir Sher – Master of Business Administration, Marketing Co-op (Graduate category)

The Experiential Education Student of the Year Award recognizes a student's achievements in experiential learning.

- Valerie Pagnotta – Health Sciences

Kai-Yu Wang, Professor,
Marketing, International
Business and Strategy



Shawn Beaudette,
Assistant Professor,
Kinesiology



Martin Dragan,
Senior Laboratory
Demonstrator,
Health Sciences



Rebecca
MacPherson,
Assistant Professor,
Health Sciences



Yasmeen Mezil, Senior
Laboratory Demonstrator,
Kinesiology



Colleen Whyte, Associate
Professor,
Recreation and
Leisure Studies



Liz Clarke,
Assistant Professor,
Communications, Popular
Culture and Film



Teaching awards

Teaching Awards 2020-21

Brock University Distinguished Teaching Award 2020

This award is presented annually to a faculty member who, in the opinion of his or her peers, has made an outstanding contribution to the teaching and learning environment at Brock University.

Kai-Yu Wang, Marketing, International Business and Strategy: Wang's educational leadership is focused on student-community partnerships, where students gain real-world experience while helping businesses with challenges they face. These partnerships enhance student learning through the reinforcement of concepts taught by Wang while helping organizations move forward successfully.

Chancellor's Chairs for Teaching Excellence (Research projects 2021-2024)

The Brock Chancellor's Chairs for Teaching Excellence are meant to provide successful nominees with the opportunity to undertake a specific, three-year program of research and practice leading to a significant development in teaching, learning, and/or educational technology.

The Faculty of Applied Health Sciences Human Anatomy Team:

- **Shawn Beaudette, Kinesiology**
- **Martin Dragan, Health Sciences**
- **Rebecca MacPherson, Health Sciences**
- **Yasmeen Mezil, Kinesiology**

The Human Anatomy Team's research project is entitled "Exploring the new normal: Optimizing hybrid learning for the teaching of human anatomy in a post-COVID world." The intent of this research is to assess how student, peer-leader, and educator preferences, in the teaching and learning of human anatomy, have evolved in response to the COVID-19 pandemic. The findings of this research will guide the transition into a 'new normal' of human anatomy pedagogy.

Colleen Whyte, Recreation and Leisure Studies: Whyte's research project "Looking Back to Look Forward: Designing Meaningful Capstone Experiences in Therapeutic Recreation" stems from the question "How do we design a fourth-year RECL4F22 capstone course to solidify a sense of mastery among students?" Her research goal is to collaborate with teaching and professional colleagues to collectively chart a vision for capstone experiences that can be applied across the field of therapeutic recreation.

Brock University Award for Excellence in Teaching for Early Career Faculty

This award recognizes the contributions to teaching undertaken by a new faculty member who is in the first five years of a tenure-track position.

Liz Clarke, Communication Popular Culture and Film: Clarke encourages critical engagement across a range of narrative media. Her course work is designed to show students it is possible for them to build a better world.

Clarke Thomson Award for Excellence in Sessional Teaching

This award recognizes the contributions of a part-time/sessional teaching staff member who contributes significantly to student learning at Brock University.

Neivin Shalabi, Educational Studies: Informed by her research in community engagement, Shalabi incorporates service-learning components into her courses, enabling students to put theory into practice while addressing community issues and building.

Don Ursino Award for Excellence in the Teaching of Large Classes

This award recognizes an outstanding teacher who demonstrates commitment to the improvement of student learning in a large class.

Po Ling Bork, Computer Science: Bork teaches Computer Science's largest class, Integrity and Literacy in the Information Age. Known for her enthusiasm in the classroom, she makes the course content relatable to real-world applications and provides networking opportunities for her students. By creating a positive teaching and learning experience, she engages students in the subject matter.

Teaching Assistant Awards 2020-21

The University celebrates and recognizes Teaching Assistants (TAs) for their contributions in supporting student learning and success at Brock.

TA Award

Zain Virani, Economics: Virani seeks feedback on his teaching from both instructors and students and has drawn upon that feedback to support his efforts to continually improve his teaching practice. Reflection and professional development are central to his teaching.

International TA Award

Esther Wainaina, Education: For Wainaina, effective teaching is rooted in three core elements: mindfulness, connectedness and the building of community. Drawing from lessons learned from her grandmother and the African philosophy of Ubuntu, she focuses on supporting students and effective instruction.

Graduate TA Award

Ehsan Nayeri, Goodman School of Business: Nayeri creates a teaching and learning environment that is productive and welcoming. He uses real-world examples to demonstrate theory in practice. Leading class discussions with incorporating contrary opinions is a teaching and learning opportunity for his students and himself.

Novice TA Award

Felisia Milana, Political Science: Milana is a Master of Arts student in Political Science. Students credit her commitment and compassion toward student learning as contributing factors to their success in her course.

Neivin Shalabi,
Instructor,
Educational Studies



Po Ling Bork, Senior
Laboratory Demonstrator/
Co-ordinator,
Computer Science



Zain Virani,
Economics



Esther Wainaina,
Education



Ehsan Nayeri,
Finance, Operations
and Information
Systems



Felisia Milana,
Political Science



Kai-Yu Wang, Professor,
Marketing, International
Business and Strategy



Lori MacNeil,
Assistant Professor,
Biological Sciences



Tim Fletcher,
Associate Professor,
Kinesiology



Leanne Taylor,
Associate Professor,
Educational Studies



Elizabeth Vlossak,
Associate Professor,
History



Hannah Dyer,
Associate Professor,
Child and Youth Studies



Faculty Awards for Excellence in Teaching 2021

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

Kai-Yu Wang, Marketing, International Business and Strategy: See Brock University Distinguished Teaching Award on page 34.

FACULTY OF MATHEMATICS AND SCIENCE

Lori MacNeil, Biological Sciences: MacNeil's passion for math and science education is demonstrated through her engaging lecture videos that increase student engagement. Her elaborate lecture intro videos are student favourites. A student-centred approach to teaching connects students to the subject matter.

FACULTY OF APPLIED HEALTH SCIENCES

Tim Fletcher, Kinesiology: Fletcher is continually engaged in professional learning about teaching practice. His current research focuses on how teachers implement pedagogies that support meaningful experiences for learning in physical education.

FACULTY OF EDUCATION

Leanne Taylor, Educational Studies: Taylor's Teaching Philosophy is guided by Richard Milner's principle: 'Start Where You Are – But Don't Stay There.' Her approach is grounded in a desire to inspire change, build critical capacity, and generate knowledge that will grow and continue long after students leave her course.

FACULTY OF HUMANITIES

Elizabeth Vlossak, History: Vlossak is known for community-based teaching projects like her HIST3F02 course, where she used the upcoming Canada Games as an opportunity for students to research, design and build a virtual museum exhibit that celebrates past Canada Games while looking at Niagara's unique history.

FACULTY OF SOCIAL SCIENCES

Hannah Dyer, Child and Youth Studies: Dyer teaches courses that are reinforced by her areas of research but also a deep commitment to making knowledge applicable and significant to students' lives. Her approach to pedagogy and curricular design is reinforced by the belief that teaching is an ethical and urgent task that can usher in new and more just worlds.

Graduate Studies awards

Marilyn Rose Graduate Leadership Award

Presented annually to recognize excellence in mentorship of graduate students.

Christopher Yendt, Student, Master of Education: Yendt has a long history of making a difference at Brock. He was a champion for students through the Brock University Students' Union during his undergraduate degree and later the Graduate Students' Association, holding various positions before taking on the role of President for the past two years.

Michael Plyley Graduate Mentorship Award

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

Cathy Mondloch, Professor, Psychology: In her nomination, students noted how Mondloch is good at recognizing their research talents and working with them to develop those skills. This includes challenging students to complete their best work. Many of her students work with her through all levels of their academic pursuits. Mondloch is also known for taking time to check in on how students are doing, helping them to thrive academically, personally and in their future careers.

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:

- Danny Marko, MSc, Applied Health Sciences
- Kylie Dempster, PhD, Health BioSciences

Faculty of Math and Science

- Cody Dennis, MSc, Computer Science
- Fereshteh Moradi, PhD, Biological Sciences

Faculty of Education

- Maria Coccimigio, MEd, Education
- Giang Nguyen Hoang Le, Joint PhD, Educational Studies

Faculty of Humanities:

- Robert Gaiero, MA, History
- Mitchell Goldsmith, PhD, Interdisciplinary Humanities

Faculty of Social Sciences:

- Samantha Witkowski, MS, Sustainability
- Claire Matthews, PhD, Psychology

Goodman School of Business:

- Mohammad Mahdi Pouyan, MSc, Management

Christopher Yendt,
Student,
Master of Education



Cathy Mondloch,
Professor,
Psychology



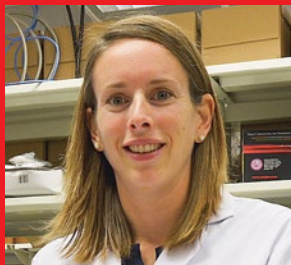
Angela Evans,
Associate Professor,
Psychology



Bareket Falk,
Professor,
Kinesiology



Rebecca MacPherson,
Assistant Professor,
Health Sciences



Canada Research Chairs at Brock April 2021

TIER 1

- **Andrea Doucet**, Professor, Sociology and Women's and Gender Studies, CRC in Gender, Work, Care and Community
- **Vincenzo De Luca**, Professor, Biological Sciences, CRC in Plant Biotechnology
- **Tomas Hudlický**, Professor, Chemistry, CRC in Organic Synthesis and Biocatalysis

TIER 2

- **Julia Baird**, Assistant Professor, Environmental Sustainability Research Centre (ESRC), CRC in Human Dimensions of Water Resources and Water Resilience
- **Karen Campbell**, Assistant Professor, Psychology, CRC in Cognitive Neuroscience of Aging
- **Val Fajardo**, Assistant Professor, Kinesiology, CRC in Tissue Remodelling and Plasticity throughout the Lifespan
- **Michael Holmes**, Assistant Professor, Kinesiology, CRC in Neuromuscular Mechanics and Ergonomics
- **Wendy Ward**, Professor, Kinesiology, CRC in Bone and Muscle Development

Research awards and Canada Research Chairs (CRC)

Chancellor's Chair for Research Excellence

Angela Evans, Psychology: Associate Professor of Psychology Angela Evans' research about children's honesty has shown that children start to lie at around two years of age and that children ages three to five will make an effort to keep their word on something they promised. Evans' subsequent work focused on how and why deception develops in children through studies conducted in her Social and Cognitive Development Lab. Evans says past research has shown that there's an increased rate of lying during adolescence that she and her team are interested in examining more closely. The ultimate aim of Evans' research program is to use the increased understanding of adolescent lie-telling behaviours, their motivation for telling lies and the social costs of lie-telling to create moral educational programs that will teach young people about honesty.

brocku.ca/brock-news/2020/08/angela-evans-named-chancellors-chair-for-research-excellence/

Distinguished Research and Creative Activity Award

Bareket Falk, Kinesiology: Professor of Kinesiology Bareket Falk's research over the last three decades has shed light on children's responses to exercise and the physiological effects that physical training has on healthy children and those living with chronic conditions. For her efforts, Falk has been awarded Brock University's 2021 Award for Distinguished Research and Creative Activity. The \$10,000 award recognizes faculty whose distinguished research or creative activity demonstrates outstanding research achievements, contributions to the training of future researchers and strong performance in scholarly or creative performance.

brocku.ca/brock-news/2021/04/bareket-falk-receives-brocks-award-for-distinguished-research-and-creative-activity/

Early Career Research and Creative Activity Award

Rebecca MacPherson, Health Sciences: Assistant Professor of Health Sciences Rebecca MacPherson is the first recipient of Brock University's new Award for Early Career Research and Creative Activity for her research on metabolic diseases and late onset of Alzheimer's disease. "There can be a genetic component of it (Alzheimer's) but a large component is also lifestyle factors. Inactivity is a risk factor, poor diet is a risk factor, but there are other things, like cardiovascular disease or insulin resistance," MacPherson says.

brocku.ca/brock-news/2021/04/rebecca-macpherson-receives-brocks-first-early-career-research-and-creative-activity-award/

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 but must also be confirmed by their peers as being exceptional researchers and potential leaders – even world leaders – in their field. There are eight active Canada Research Chairs at Brock. With the announcement of an additional Chair in April 2021, Brock University now has a total of 14 Canada Research Chair allocations. Candidates for four chair allocations and one renewal are awaiting confirmation through the program's national peer review process and are expected to be announced in the Fall of 2021. The University is in the process of selecting nominees for three Chair positions, one of which replaces a current position.

Excellence in staff

THANK YOU

for your many years of contribution and for continuing to make Brock a great place to work!

President's Distinguished Staff Award for Outstanding Contributions

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

- Lauryn Carrick, Communications, Marketing and Recruitment, Graduate Studies
- Diane Leon, Political Science
- Irene Palumbo, Receiving and Waste Management, Mathematics and Science
- John Simone, Financial Services

Human Resources Distinguished Staff Service Award for Leadership

The Human Resources Distinguished Staff Service Award for Leadership is to recognize an active ongoing staff member who has a consistently proven record of leading and working collaboratively, engaging faculty and staff, furthering the development of a respectful work and learning environment and culture, and building strong relationships and partnerships that enable the University to implement its strategic plan and related initiatives effectively.

- Judith Brooder, Student Accessibility Services

25 years of service to Brock

- Irene Blayer, Professor, Modern Languages, Literatures and Cultures
- Donald Cyr, Professor, Finance, Operations and Information Systems
- Cheng Luo, Associate Professor, Applied Linguistics

- Ingrid Makus, Dean, Faculty of Social Sciences
- Rick Manning, Groundskeeper, Facilities
- Daniel McCarthy, Associate Professor, Earth Sciences
- Pina McDonnell, Academic Advisor, Faculty of Education
- Michael Ripmeester, Professor, Geography and Tourism Studies
- Paul Scarbrough, Associate Professor, Accounting
- John Sorenson, Professor, Sociology
- Teena Willoughby, Professor, Psychology

35 years of service to Brock

- Linda Buys, Academic Records Assistant, Registrar's Office
- John Clutterbuck, Manager, Roy and Lois Cairns Family Health and Bioscience Research Complex, Asset Management and Utilities
- Gregory Finn, Special Advisor, Office of the President
- Ann Holtby, Bibliographic Assistant, Library Collections
- Derek Knight, Associate Professor, Visual Arts
- Murray Kropf, Associate Professor, Visual Arts
- Klara Kross, Student Financial Services Officer, Student Financial Services
- Caroline Lidstone, Assistant Secretary to The University, Office of the University Secretariat
- Ernesto Virgulti, Associate Professor, Modern Languages, Literatures and Cultures

50 years of long-standing service to Brock

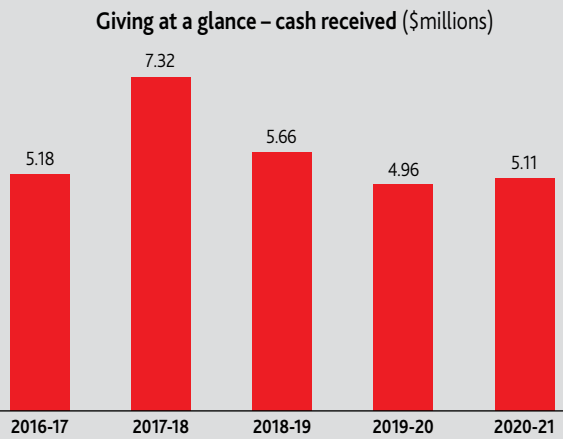
- Sharon Odell, Finance and Administration Assistant, Facilities Finance Supports

brocku.ca/brock-news/2020/12/employees-celebrated-as-presidents-holiday-celebration-goes-virtual/



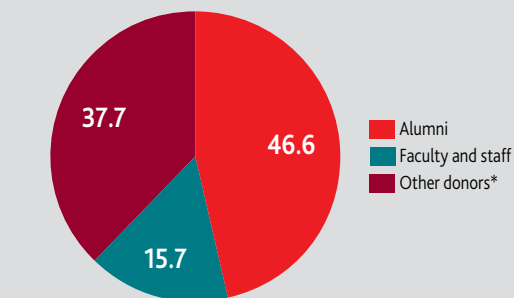
University President Gervan Fearon waits in the wings while Jennifer Guarasci, Associate Vice-President, Human Resources, speaks during the 2020 President's Holiday Celebration on Wednesday, Dec. 16, 2020. It was a virtual event livestreamed from the Sean O'Sullivan Theatre.

Figure 31



Note: Figures provided by Development and 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 26 of this report due to the source of the donation. For example, these figures also include donations to be directly provided to specific students.

Supporters – proportion of 2020-21 cash donations (%)



*Other donors may include the following constituencies: friends, honorary Doctorate recipients, parents, students, club/organizations, companies or foundations.

Where do gifts make an impact – proportion of 2020-21 cash donations (%)

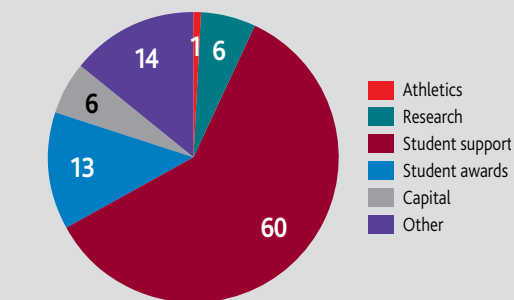
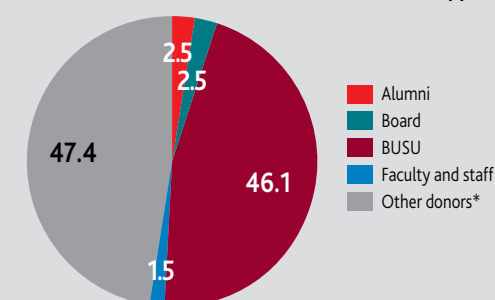


Figure 32: **Donations received by constituency – Student wellness and student mental health support (%)**



*Other donors may include the following constituencies: friends, honorary Doctorate recipients, parents, students, club/organizations, companies or foundations.

Donor engagement

Board of Trustees supporting Brock students through Impact Fund

The Board of Trustees Impact Fund was established in early 2020 as a way for Board members to support students in a variety of areas. Board members – who represent a wide range of sectors and backgrounds – were invited to donate whatever they’re comfortable.

“It’s a cliché, but giving is far more rewarding than receiving,” said Board of Trustees Chair Gary Comerford. “I get so much enjoyment out of giving – whether it’s time or financial resources – than probably anything. I can’t think of a better place to spend my giving donations than to further education. It can benefit our students, the community and society in general.”

The five-year Brock Trustees Impact Fund will support the following key priorities:

- Student bursaries and scholarships
- New academic programs and capital infrastructure
- Strategic research leadership
- Student health and wellness
- Indigenous student support

\$2.7-million gift expands student opportunities for experiential learning and access

A groundbreaking act of generosity will benefit future generations of Brock University students with expanded work opportunities during their studies, greater access for underrepresented groups and deeper research for career and experiential education.

The University was saddened to learn of the passing of Stephanie Mitchell, who was a donor and friend of Brock University. She passed away in December of 2019.

A generous \$2.7-million legacy gift from Stephanie Mitchell, in honour of her late husband Gerald B. Mitchell, will be used by Brock University to establish the Dr. Gerald B. Mitchell Centre of Excellence in Career and Experiential Education.

The funds will be used to support students in pursuit of following and discovering their passions through grants, resources, tools, workshops and supporting work opportunities that allow them to gain experience in their chosen fields.

– Continued

The Dr. Gerald B. Mitchell Centre of Excellence in Career & Experiential Education will support students in discovering their strengths and individual talents as they explore work and understand how to apply their talents and mobilize their skills as they move along in their careers. It will also support research that will elevate the experiential community and knowledge for more faculty to offer opportunities for students to apply their learning to their careers.

Brock raises more than \$250,000 to support student mental health

Last fall, Brock committed to improving student mental health supports with the launch of the new Student Mental Health Fund. With the announcement of this initiative, the University had also set an ambitious fundraising goal of \$250,000, which was met and exceeded in less than a year.

Surpassing the goal was made possible through the generosity of the Brock University Students’ Union, Niagara Community Foundation, the Board of Trustees Impact Fund and several individual donors, including Brock alumni, faculty, staff and community members.

Notably, in October, an anonymous donor recognized the need for additional mental health support and made the commitment to double the impact of funds raised up to \$50,000.

The need for increased access to mental health resources to support students in their academic success and mental well-being has been an ongoing priority for the University, especially as students navigated the shift to online learning and virtual support due to the COVID-19 pandemic.

The funds raised for the Student Mental Health Fund will continue to enhance the supports available to students by increasing and improving services for those seeking mental health resources. Brock will be able to increase programming in response to surging needs and provide greater access to clinical support staff.

The funding will build upon the supports already in place for students, which have ranked Brock first in mental health supports among all comprehensive universities in Canada for three-consecutive years in the annual Maclean’s University Rankings.

Alumni Business Directory

Brock University Alumni Relations launched an online business directory to support the entrepreneurial pursuits of our Badgers around the world, many of whom have faced extraordinary challenges throughout the pandemic. =Within hours of its launch, the directory was quickly populated with businesses from a variety of industries. This initiative aims to connect alumni-owned businesses to members of Brock’s ever-growing community. Visit the Brock Alumni Business Directory at brocku.ca/alumni/business-directory/

Making a difference – faculty and staff

At Brock University, we are fortunate to have faculty and staff who continue to show an unwavering commitment to those in need. Every time our faculty and staff have been asked to support those around them their response has been overwhelming.

When Brock students needed their help last spring, our faculty and staff, came together and contributed more than 57 per cent of all the donations received to Brock’s COVID Emergency Bursaries. With this support, Brock University was able to promptly respond to the pandemic and provide financial aid to our students.

Then, when asked to support student mental health issues on campus, our faculty and staff once again answered the call. With a prevalent need for enhanced mental health supports during the pandemic, Brock faculty and staff contributions accounted for one in every four donations. As a result of donations like these, students were able to access trained staff and safeguard their well-being during an unprecedented period.

Finally, when asked to come together and support one another, our faculty and staff showed that they cared for their colleagues. This year, on Bell Let’s Talk Day, more than 835 unique messages of positivity were shared between faculty and staff at Brock. These messages showed how appreciative Brock’s team is of one-another and provided a much-needed lift to the spirits of all who took part in the program.

2020 TO 2021

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. 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

- Student Experience
- Research
- Community Engagement
- Inclusivity

May

May 1, more than two dozen units in Brock University's Village Residence were made available to Niagara Region's frontline health-care staff. brocku.ca/brock-news/2020/05/brock-opens-its-student-residences-to-health-care-staff/



Peter Tiidus, Dean of Brock University's Faculty of Applied Health Sciences, was reappointment to a five-year term. brocku.ca/brock-news/2020/05/tiidus-set-to-begin-new-five-year-term-as-dean-of-applied-health-sciences/

June

Geraldine Jones is taking on a new, larger portfolio as University Registrar and Associate Vice-President, Enrolment Services. brocku.ca/brock-news/2020/05/brocks-registrar-appointed-to-new-avp-role/



June

Brock University adopts an institutional Open Access Policy which calls for Brock researchers and scholars to deposit an electronic copy of their academic journal articles into the Brock University Digital Repository. brocku.ca/brock-news/2020/06/brock-adopts-open-access-policy/



June 13, Brock University President Gervan Fearon receives the University of West Indies (UWI) 2020 Vice-Chancellor's Award. brocku.ca/brock-news/2020/06/brock-president-gervan-fearon-receives-vice-chancellors-award-from-university-of-the-west-indies/

June 25, Brock University's Environmental Sustainability Research Centre (ESRC) and World Wildlife Fund Canada (WWF-Canada) partner to address freshwater challenges. brocku.ca/brock-news/2020/06/brock-and-wwf-canada-partnership-to-address-freshwater-challenges/



Carol Macintosh, Manager, Printing Services, preparing Convocation-in-a-box packages for Brock University's Spring Class of 2020 to help graduates celebrate from home. brocku.ca/brock-news/2020/06/brock-gets-ready-to-help-grads-celebrate-from-home-with-convocation-in-a-box/



Former Prime Minister of Canada Paul Martin gave the Convocation address for Brock's 107th Convocation, which took place online for the first time due to the COVID-19 pandemic. brocku.ca/brock-news/2020/06/paul-martin-tells-brock-grads-to-lead-the-way-and-push-on-to-a-better-world/



First cohort of Brock-Niagara College GAME students graduate. brocku.ca/brock-news/2020/06/first-cohort-graduates-from-brock-niagara-college-game-program/

Above, Kyle Jones one of six GAME students invited to attend Oculus Connect in September 2019 on the strength of their Virtual Reality (VR) work.

July



Lynn Wells, Provost and Vice-President Academic started at the University July 1, 2020. brocku.ca/brock-news/2020/05/canadian-scholar-academic-leader-to-be-brocks-next-provost/



Suzanne Curtin, Vice-Dean, Faculty of Graduate Studies started at the university July 1, 2020. brocku.ca/brock-news/2020/06/changes-coming-to-faculty-of-graduate-studies-leadership-team/



Floor and wall signs were distributed throughout Brock to encourage physical distancing, hand washing, hand sanitizing, face covering reminders and the use of reusable water bottle filling stations, as water fountains will be disabled. brocku.ca/brock-news/2020/07/covid-19-signs-installed-on-campus-to-help-keep-brock-community-safe/

August

As the Fall Term started, 13 new student ambassadors were introduced virtually around the world to represent Brock on the global stage. brocku.ca/brock-news/2020/08/new-student-ambassadors-introduced-virtually-around-the-world/



Brock's team of international recruitment officers held its first virtual International Open Day on Aug. 12 and 13, which attracted more than 260 incoming and prospective international students globally. brocku.ca/brock-news/2020/08/inaugural-international-open-day-draws-global-audience/

September



Brock University sold the site that has been its Hamilton campus for the past 20 years. brocku.ca/brock-news/2020/09/brock-completes-sale-of-hamilton-campus-facility/

The Virtual New Student Welcome and Academic Orientation site was launched for the Fall Term, for students to learn more about their University, Faculty and programs. More than 2,500 new Brock students visited the site from all 10 Canadian provinces and more than 45 countries around the world. brocku.ca/brock-news/2020/09/virtual-welcome-as-brock-students-start-fall-term/



At a virtual Town Hall Meeting, Brock University President Gervan Fearon, Vice-President, Research Tim Kenyon, and Provost and Vice-President, Academic Lynn Wells gave an update on the progress of the Strategic Plan as it moves into its third year, on Sept. 25. brocku.ca/brock-news/2020/09/progress-being-made-as-strategic-plan-heads-into-third-year/

More than 3,100 students, including more than 2,000 first-year students, took the new BU101 academic skills program led by A-Z Learning Services online. brocku.ca/brock-news/2020/09/new-skills-program-welcomes-thousands-of-students/

October

Hilary Pearson was installed as Brock University's ninth Chancellor during Virtual Fall Convocation on Friday, Oct. 16. brocku.ca/brock-news/2020/10/hilary-pearson-to-be-installed-friday-as-brocks-ninth-chancellor/



Lieutenant-General, the Honorable Roméo Dallaire received an honorary doctorate from Brock during the University's Fall Convocation ceremony, held virtually on Friday, Oct. 16. brocku.ca/brock-news/2020/10/generation-without-borders-called-on-to-embrace-power-at-brocks-fall-convocation/



Robyn Bourgeois, an Associate Professor from the Faculty of Social Sciences, accepted the role of Acting Vice-Provost, Indigenous Engagement on Oct. 21. brocku.ca/brock-news/2020/10/bourgeois-appointed-acting-vice-provost-indigenous-engagement/

Oct. 21, Brock joins The Onyx Initiative, a national diversity project to establish more equitable career opportunities for Black students. brocku.ca/brock-news/2020/10/brock-joins-national-program-to-boost-fair-career-opportunities-for-black-students/



The Canada Summer Games have officially been rescheduled for Aug. 6, to 21, 2022. More than 5,000 participants and 4,000 volunteers are expected to participate in the 28th edition of the Canada Games that will be held in the Niagara region. brocku.ca/brock-news/2020/10/new-dates-announced-for-niagara-2022-canada-summer-games/



November

On Oct. 28, Brock Senate, which oversees the academic policy of the University, approved the Fresh Start and Open Studies pathways, which will open doors to post-secondary education for more people in Niagara and the wider community, regardless of their age or previous education experience. brocku.ca/brock-news/2020/11/new-pathways-available-to-a-brock-education/

On Nov. 4, Prarthana Franklin-Luther became not only the first person to receive a PhD in Child and Youth Studies from Brock, but the first person to earn the credentials in Canada. brocku.ca/brock-news/2020/11/phd-student-to-receive-first-degree-of-its-kind-in-canada/



On behalf of the estate of Robert Band, the Alexander Hamilton collection was donated to the University, including about 2,500 pieces of significant Canadian history. brocku.ca/brock-news/2020/11/collection-rich-with-canadian-history-gifted-to-brock-university/



Aidan Godin, holds their award accompanied by their service dog, Peggy.

December

On Dec. 3, Judith Brooder, Manager, Student Accessibility Services, and Aidan Godin, a third-year Biology student, were awarded the 2020 Accessibility and Inclusion Recognition Award (AIRA). brocku.ca/brock-news/2020/12/brock-names-champions-of-campus-inclusion-of-campus-inclusion/



Diane Dupont, Professor in Brock University's Department of Economics, has been named an inaugural Fellow by the Canadian Resource and Environmental Economics Association (CREEA). brocku.ca/brock-news/2020/12/brock-researcher-wins-prestigious-recognition-in-environmental-economics/

January



Ken Chan, Assistant Deputy Minister with the Government of Ontario is named Brock's next Vice-President Administration as of June 1. brocku.ca/brock-news/2021/01/brock-university-names-ken-chan-next-vice-president-administration/

Brock University joined the Canadian Council for Aboriginal Business (CCAB), providing Brock with a conduit to more than 1,000 businesses operated by Indigenous Peoples. brocku.ca/brock-news/2021/01/brock-joins-canadian-council-for-aboriginal-business/

The University earned a Silver rating from its inaugural Sustainability Tracking, Assessment and Rating System – a framework measuring sustainability. brocku.ca/brock-news/2021/01/brock-university-earns-silver-stars-rating-for-sustainability-performance/



The University's first-ever Indigenous Research Grant, valued up to \$7500 per proposal, opens for applications from Brock faculty. brocku.ca/brock-news/2021/01/brock-launches-its-first-indigenous-research-grant/

February

Red dresses were displayed throughout Brock University's outdoor spaces from Feb. 8 to 14 to signify the loss of thousands of Indigenous women, girls, and two-spirit, lesbian, gay, trans, bisexual, queer, questioning, intersex and asexual (2SLGBTQQIA) people over the past 40 years to colonial violence. brocku.ca/brock-news/2021/02/red-dress-project-to-remember-missing-and-murdered-indigenous-gender-minorities/



The Ontario government is providing nearly \$750,000 to help increase access to mental health and addiction services for students at Brock University and Niagara College. brocku.ca/brock-news/2021/02/brock-receives-mental-health-funding-from-ontario-government/

March



DBRS Morningstar released its credit report on the University and gave Brock the A High rating for the fifth straight year. brocku.ca/brock-news/2021/03/brock-maintains-a-high-credit-rating-2/



Brock University President Gervan Fearon and Niagara College President Sean Kennedy joined Sam Oosterhoff, MPP for Niagara West, for a provincial funding announcement moderated by April Jeffs on Friday, March 19. brocku.ca/brock-news/2021/03/provincial-funding-announcement-moderated-by-april-jeffs-on-friday-march-19/

The Government of Ontario is investing \$79 million in Brock University, helping the University to emerge from the global pandemic and continue its role as an important catalyst for economic recovery, growth, and community development for Niagara and the province. brocku.ca/brock-news/2021/03/provincial-investment-helps-brock-emerge-from-pandemic-as-strong-community-partner/



Professor Carol Merriam has been reappointed Dean of Brock University's Faculty of Humanities for a five-year term beginning July 1. brocku.ca/brock-news/2021/03/carol-merriam-reappointed-as-faculty-of-humanities-dean/



Mark Robertson has been reappointed University Librarian for a five-year term beginning July 1. brocku.ca/brock-news/2021/03/mark-robertson-reappointed-as-university-librarian/

The virtual Decolonization Symposium that took place March 26 and March 27 brought the Brock community together to learn how to generate more space for dialogue surrounding decolonization and what that might look like in educative institutions as well as in greater society. brocku.ca/brock-news/2021/04/symposium-brings-brock-community-together-to-learn-about-indigenization-and-decolonization/

April



From April 2 to April 6, nearly 7,000 seniors received the first round of their COVID vaccination at the clinic hosted in Brock's Ian Beddis Gymnasium, located at the west end of campus in the Walker Sports Complex. brocku.ca/brock-news/2021/03/community-vaccination-clinic-hosted-at-brock-opens-friday/



Along with an array of online events, Brock's all-inclusive flag was flown on campus to mark Brock Pride Week from March 26 to April 1. brocku.ca/brock-news/2021/03/brocks-annual-pride-week-heading-online/



More than 80 people virtually attended Brock's Student Life and Success Recognition Event on Monday, April 12, which saw awards virtually presented to dozens of recipients. brocku.ca/brock-news/2021/04/students-community-partners-honoured-by-brocks-student-life-and-success/



Our people



Brock Wellness

Wellness continues to be an integral focus of the Brock community as wellness initiatives and a focus on well-being influences the overall health of faculty and staff and supports a culture of work-life balance. This balance is increasingly important as a large majority of our employees have transitioned to working remotely over the past 15 months, which further blurs the lines between work and home.

In 2018-19, a holistic Workplace Wellness Framework was developed to address employee well-being, based on the American Substance Abuse and Mental Health Services Administration’s eight dimensions of wellness (see Figure 33). This framework has evolved since its inception, some of this past year’s initiatives include:

- To promote physical activity, challenges have been developed that can be incorporated into the workday.
- 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, Healthy Meetings Guidelines were revised to include Virtual Healthy Meeting Guidelines.
- To aid in the promotion of work-life balance and provide support for employees in need of assistance, a Work-Life Balance Bulletin was created.
- Brock launched an enhanced Employee and Family Assistance Program (EFAP) electronic platform this past year, which provides a wide range of confidential and

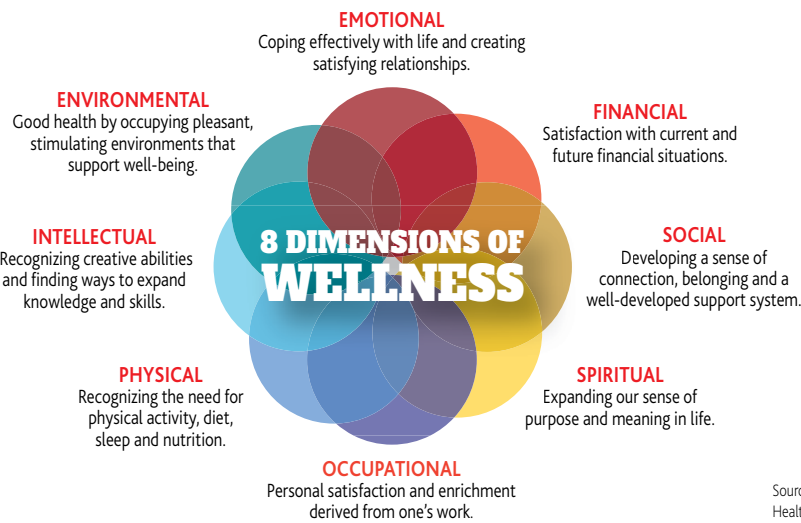
voluntary support services to eligible employees and their dependants. EFAP benefits were also extended to all Brock employees regardless of benefit eligibility in response to the unprecedented times.

Central to the Workplace Wellness Framework is the Employee Mental Health Strategy, which promotes positive mental health 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. An integral component of the strategy is 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.

One of the most anticipated events of the year is hosted by the Human Resources Department – Employee Wellness Day. The event is dedicated to Brock faculty and staff, offering workshops that address the eight dimensions of wellness. Brock’s traditional Wellness Day in 2020-21 was cancelled due to Public Health guidelines; however, virtual lunch and learn wellness sessions have been offered throughout the year. The University also presents an annual Health, Safety and Wellness Champion Award, which recognizes Brock faculty and staff for championing a culture of health, safety and wellness.

Since March 2020, the focus has shifted to ensuring mental health resources continue to be available to adapt to the changing needs of our Brock community.

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. The People Strategy will provide an overarching framework for developing Brock’s employment brand and employment experience. The strategy will support Brock’s position as an employer of choice through effective retention, employee engagement and development programs, ultimately resulting in enhanced employee effectiveness. As a talent-driven institution, Brock depends on the effectiveness of its faculty and staff in delivering high-quality teaching and learning experiences; conducting outstanding research, scholarly and creative activities; and committing to university-community engagement. The success of the University is dependent on the success of its people, and the People Strategy recognizes and builds on the relationship between our people and our institutional success.

Work on the People Strategy to date has included the completion of an environmental scan, significant faculty and staff engagement involving multiple focus group discussions and a dedicated website, all of which resulted in the identification of four draft strategic priorities: create a culture of growth and learning for Brock’s workforce; foster a culture of collaboration, partnership and University-wide action; promote a respectful, inclusive, welcoming environment for all; and enhance the reward and recognition culture at the University. After pausing work on the People Strategy to focus on the COVID-19 response and recovery, work to finalize the Strategy will begin again this summer (2021).

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, a review of manager and leadership development led to the creation of two new management and leadership programs. The first program is aimed at senior individual contributors (staff and faculty). This program is designed to help better understand what management

is and to build skills that would be helpful in a leadership position. The second program is designed to build relevant management and leadership skills for those staff and faculty who are currently people leaders in the University. These two new programs welcomed their first cohorts in January 2021.

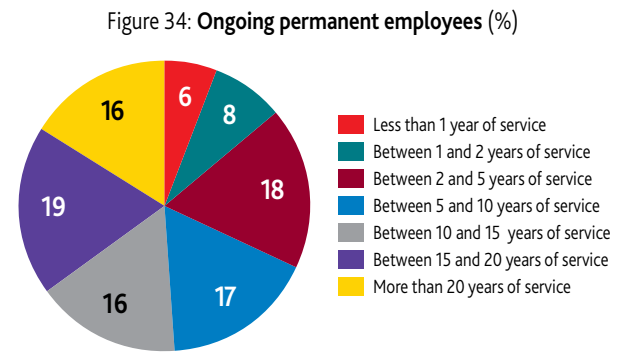
In addition, Human Resources continues to lead the Learning Advisory Committee, which brings partners from across the University together to discuss how best to collaborate and co-ordinate the various training and learning opportunities that occur across the campus.

Now in its third year, the formal mentorship program for staff and faculty continues to expand and grow. The program matches mentors and mentees from across the University, building relationships, opportunities for growth and opportunities for collaboration. Additional growth of the mentorship program is being realized through partnerships with both the Niagara Workforce Planning Board and the Niagara Folk Arts Multicultural Centre that focus on mentorship of newcomers to Canada.

Training opportunities are available to staff and faculty via Focus on Learning at 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 68 per cent of Brock’s ongoing workforce providing five years of service or more. Currently, there are 246 staff and faculty with 20 years of service or more. Brock works because of the dedication of our people.



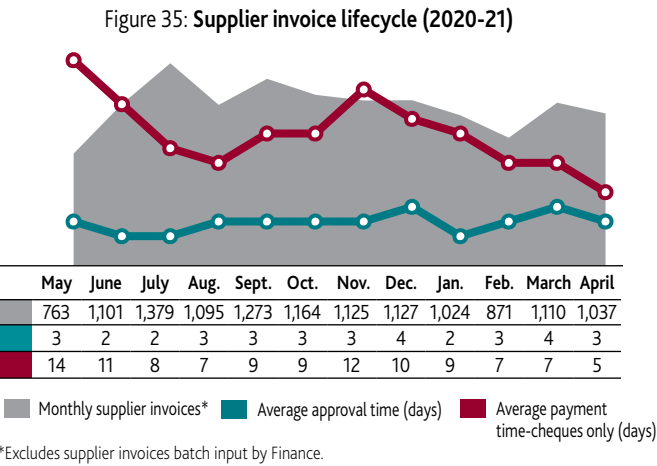
Source: Workday as of May 19, 2021.

Reviewing the numbers

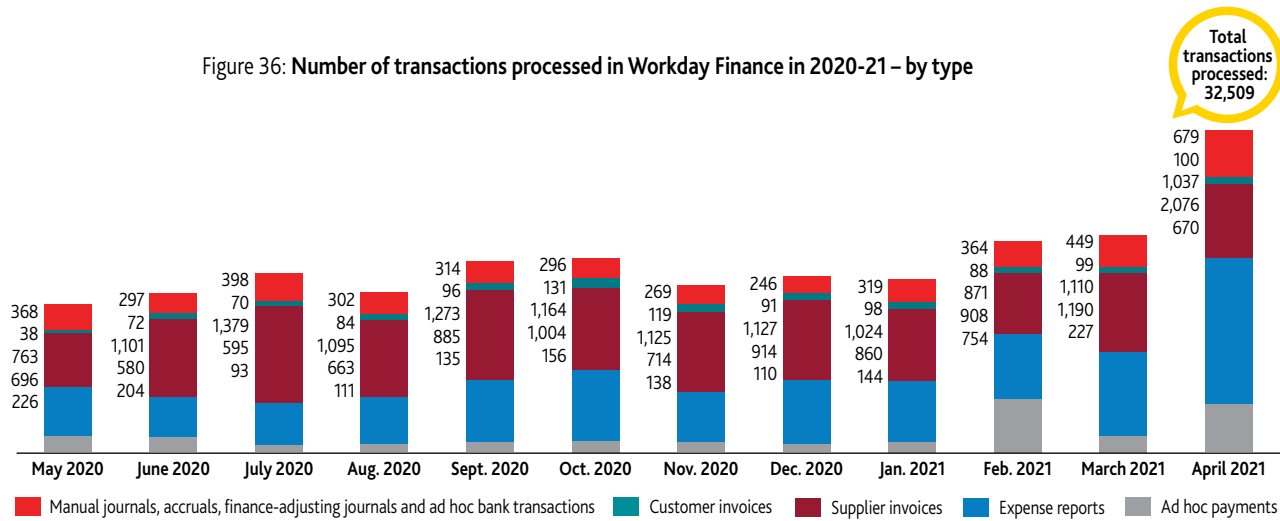
Financial facts

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 available to users of the University’s financial information.

Tracking transactions and processes



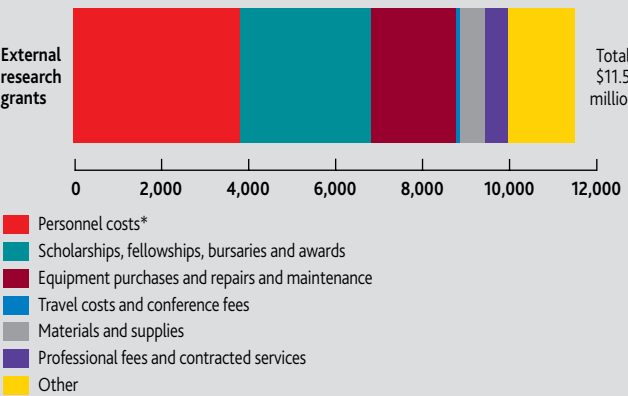
The average time for an expense report to be fully approved from the day it is submitted is:



Tracking spending type

Figure 37

2020-21 spending on external research grants by spending type (\$000s)



*External research grants spending includes the funding of Canada Research Chairs' salaries recorded in operating.

2020-21 spending on external research grants by Unit (%)

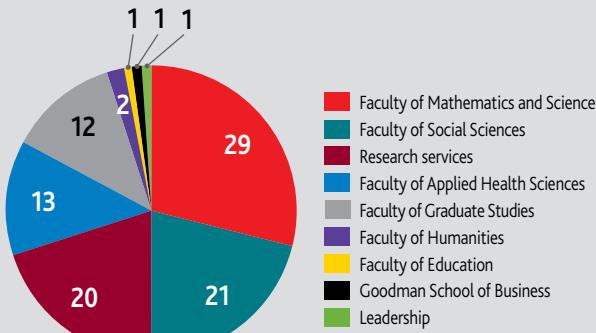
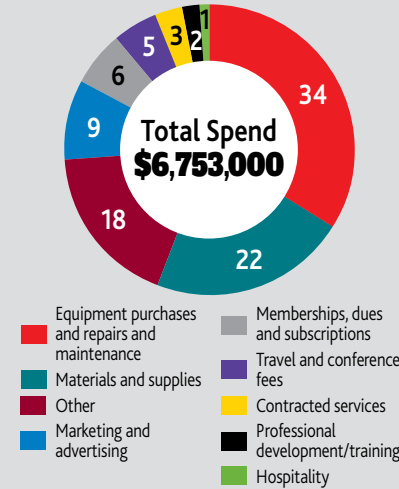
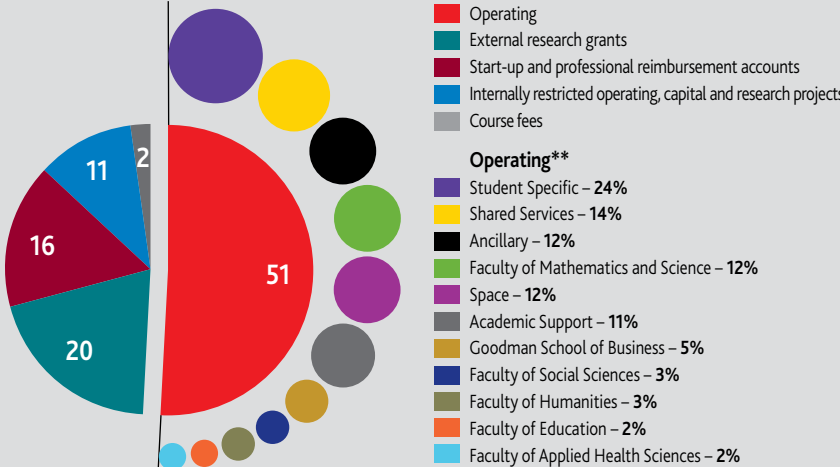


Figure 38

2020-21 spending on expense reports by type* (%)



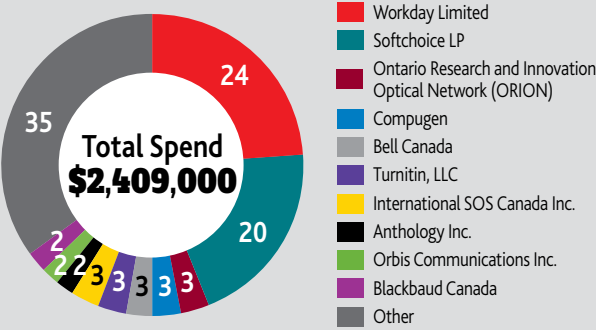
2020-21 spending on expense reports by funding source* (%)



*Spending includes departmental purchases made on department purchasing cards and excludes central finance purchasing cards.
** See Figure 53 for detail of what units are included in the groups.

Tracking suppliers, regional spending and collaborative buying

Figure 40: 2020-21 Software purchases by supplier⁽¹⁾ (%)

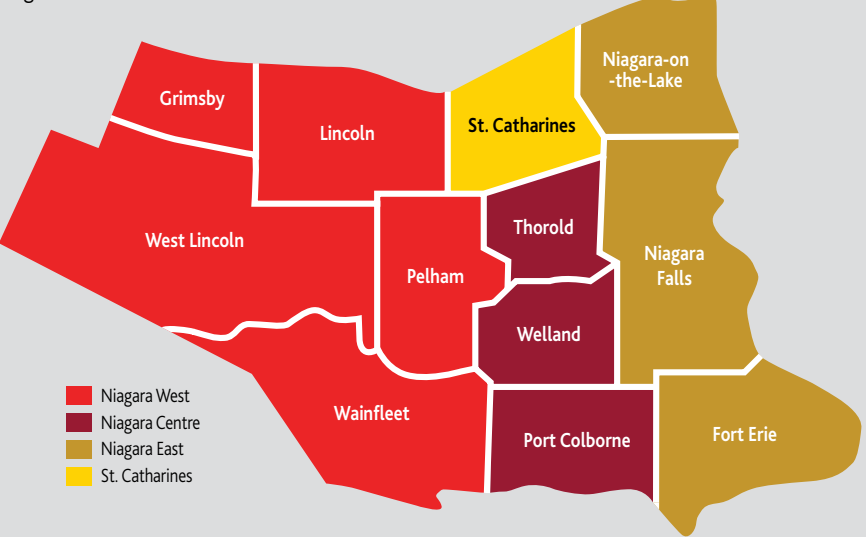


(1) Does not include departmental P-card spending.

Figure 41: Brock's top suppliers by operating cost amount

Supplier	Purchase
City of St. Catharines	Water and taxes
Canadian Research Knowledge Network	Library acquisitions
Council of Ontario Universities	Library acquisitions
Brock Plaza Corporation	Residence lease payments
Horizon	Electricity
WCPT Lofts II Inc.	Residence lease payments
Sodexo Canada, Ltd.	Food services
Twin Eagle Resource Management Canada, LLC	Natural gas
Garda	Security
FirstOntario Performing Arts Centre	Facilities rental
CURIE	Insurance
Ethical Associates Inc.	Professional services (Human Rights and Equity)
Enbridge	Natural gas
Niagara College	Shared programs
Morneau Shepell Ltd.	Counselling and mental health programs

Figure 42



Total spending* to
NIAGARA REGION
suppliers for 2020-21
was more than **\$24.5 million**
to **278** suppliers.
The average spend per supplier was
more than **\$89,000** to each supplier.

* 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:

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



Total collaborative buying in 2020-21 was
\$7.8 MILLION

through the following collaborative organizations:

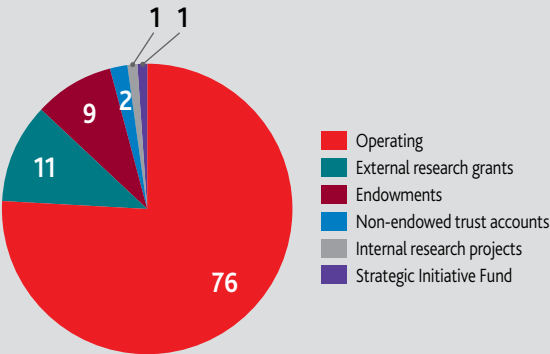
- OECM – Ontario Educational Cooperative Marketplace
- NPPC – Niagara Public Procurement Committee
- CAUBO – Canadian Association of University Business Officers
- MGS – Ontario Ministry of Government Services
- OUPMA – Ontario University Procurement Management Association
- CRC – Campus Retail Canada
- OCUL – Ontario Council of University Libraries
- CRKN – Canadian Research Knowledge Network

The following are the average values of transactions for 2020-21:
Expense reports – **\$733**
Supplier invoices – **\$12,139**
Ad hoc payments – **\$773**



Total active purchasing cards as of April 30, 2021 was
929, with spending on purchasing cards totalling
more than **\$11.5 MILLION** in 2020-21.

Figure 39: 2020-21 Scholarships, Fellowships, Bursaries and Awards by funding source (%)



Overview

This year has been one of great challenges resulting from the global pandemic; however, consistent with years past, the excellence in students, alumni, faculty and staff, and their accomplishments are vast and deserve to be celebrated. These activities continue to be 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 this page, and commentary for the NFPS actual results on page 64.

Financial results – funding basis

The following section explains the 2020-21 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 over committed cash.

The 2020-21 fiscal year marks the seventh straight year of funding surplus results. The actual funding surplus for 2020-21 of \$12.9 million is before year-end discretionary appropriations for reinvestment in the University. Included in this year-end surplus was the \$7.9 million COVID-relief grant provided by the Ministry of Colleges and Universities (MCU) as well as the recognition of \$2.0 million related to the proceeds of sale of the Hamilton Campus. The funding surplus after adjusting for these one-time items is \$3.0 million. This is an extraordinary outcome given the impacts the global pandemic had on the University during 2020-21. In 2020-21, the discretionary appropriations funded the strategic initiative fund, with further details provided on page 54.

Figure 44

(\$000s)	2020-21 Actual	Funding 2020-21 Budget	2020-21 Actual	NFPS 2020-21 Budget	Funding 2019-20 Actual	NFPS 2019-20 Actual
Revenue						
Student fees	186,012	200,202	186,657	200,642	185,078	185,818
Grant revenue	106,724	97,288	103,943	95,823	96,788	95,344
Internal chargebacks	3,098	8,621			8,484	
Inter-fund revenue	8,843	7,042			4,920	
Research revenue			11,778	13,253		11,715
Other revenue	24,319	54,899	39,066	66,330	51,707	65,361
Total revenues	328,996	368,052	341,444	376,048	346,977	358,238
Operating costs						
Personnel costs	(214,657)	(238,613)	(220,557)	(241,611)	(220,419)	(227,265)
Inter-fund expenses	(18,143)	(25,773)			(25,900)	
Other operating costs	(83,302)	(106,313)	(113,842)	(131,106)	(93,000)	(119,068)
Total operating costs	(316,102)	(370,699)	(334,399)	(372,717)	(339,319)	(346,333)
Mitigation target		2,647				
Funding surplus (before discretionary appropriations)	12,894	-	7,045	3,331	7,658	11,905
Discretionary appropriations	(12,885)				(7,650)	
Funding surplus (after discretionary appropriations)	9	-	7,045	3,331	8	11,905

When the 2020-21 funding budget was originally established, we estimated a balanced funding budget, after a \$2.6-million mitigation target. This balanced budget was significantly put into jeopardy when the global pandemic hit in March 2020. At Trimester one, a revenue decrease of more than \$50 million was projected compared to the budget. To the whole University community, congratulations and thank you for your ongoing contributions to our strategic priorities. 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 fiscal results in 2020-21.

Review of overall revenue

Actual revenue for 2020-21 showed a decrease from budget by \$39.1 million. Student fees were lower than budget by \$14.2 million offset by higher grant revenue of \$9.4 million. Other revenue was lower than budget by \$30.6 million, mainly related to Ancillary Operations. Internal chargeback revenue was lower than budget by \$5.5 million offset by inter-fund revenue of \$1.8 million over budget.

Figure 45: Student fees by reporting unit

(\$000s)	2020-21 Actual	2020-21 Budget	2019-20 Actual	Listed below
Total tuition revenue in University Global	163,734	165,935	155,253	(1)
Tuition revenue budgeted in respective departments				
Professional Master’s Preparation Certificate (Business) (PMPC)	563	563	601	(2)
International Master of Business Administration (IMBA)	9,655	12,318	10,598	(2)
International Master of Professional Accountancy (IMPAcc)	1,111	1,826	1,404	(2)
Master’s Preparation Certificate in Education (MPCE)	126	485	297	(3)
International Master of Education (MEd)	404	1,802	1,592	(3)
International Master of Science in Materials Physics (MSc)	179	317	298	(4)
Total international student programs (ISP)s	12,038	17,311	14,790	
Continuing Teacher Education – Additional Qualifications (AQ)	919	711	653	(3)
Adult Education	580	974	709	(3)
Indigenous Education Programs	1	37	35	(3)
Intensive and Short-term English Language Program (IELP & SELP)	1,033	4,415	4,426	(5)
Total other self-funded programs	2,533	6,137	5,823	
Tuition revenue in respective departments	14,571	23,448	20,613	
Total tuition revenue	178,305	189,383	175,866	
Fee revenue	7,707	10,819	9,212	
Total student fees	186,012	200,202	185,078	

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

Tuition and enrolment

As mentioned previously, the student fee revenue finished the 2020-21 fiscal year at \$186.0 million, \$14.2 million less than the budget of \$200.2 million. This result is better than expected given the global pandemic and our preliminary forecast in Trimester one, where we projected a budget shortfall of \$24.2 million for student fees. 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.

International student programs’ (ISP) tuition and other self-funded programs recorded lower-than-budgeted tuition of \$8.9 million. ISP revenue finished the year at \$12.0 million, which was \$5.3 million lower than budget. All ISP programs had lower than budgeted revenue except for the Goodman School of Business PMPC program, which ended the year equal to budget. These shortfalls were mainly a result of the pandemic due to significant international travel restrictions. These travel restrictions also considerably affected other self-funded programs, which finished the year \$3.6 million lower than budget driven by the Intensive and Short-term English Language Programs.

Figure 48 shows global tuition by Faculty of major as compared to budget and prior year actual results. Global tuition was lower than budget by \$2.2 million. Domestic tuition was lower than budget by \$2.7 million as a result of increased competitive pressure from other universities due to the pandemic. International tuition results were higher than budget by \$0.5 million, mainly due to tuition rate increases. Overall, these results were driven by lower-than-budgeted enrolment. 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, was lower than budgeted enrolment by 799 students, or 3.9 per cent, experienced across all categories.

When global tuition is compared to prior year, revenue increased \$8.5 million. The majority of this increase is attributable to international tuition rate increases, as all-in student headcount was almost flat to 2019-20, with a decrease of 73 students. It should be noted that in 2019-20 the University experienced record enrolment levels and maintaining this level of enrolment during such an unprecedented year is a great accomplishment. Headcount by Faculty is shown in Figure 13 in ‘The big picture’ pull-out. As compared to 2019-20, the Faculty of Applied Health Sciences and the Faculty of Education saw the largest growth, with 244 and 148 additional students,

respectively. The largest enrolment decreases were seen in the Faculty of Social Sciences and the Goodman School of Business with 284 and 178 less students, respectively.

One area where growth over prior year was experienced was in the Spring/Summer session. Figure 47 shows the split of global tuition between Spring/Summer (13.4 per cent) and Fall/Winter (86.6 per cent) sessions, with the Spring/Summer session experiencing an increase over 2019-20 of more than \$3.0 million, or growth of 16 per cent.

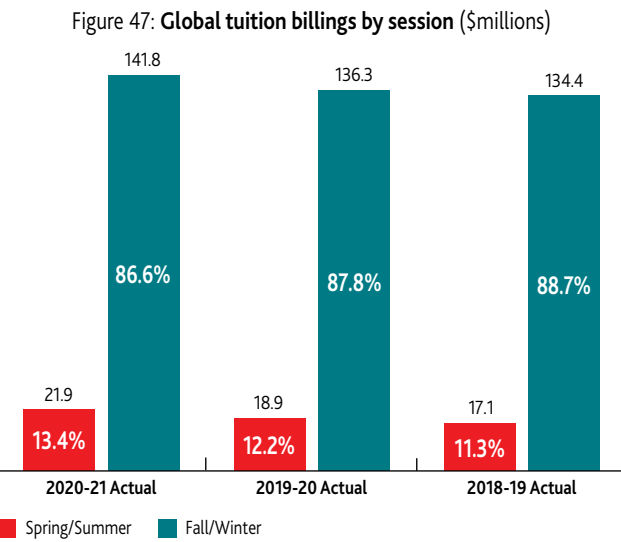


Figure 46: All-in student enrolment by type

Type	2020-21 Actual		2020-21 Budget	2019-20 Actual		2018-19 Actual	
	Headcount ⁽¹⁾	FTE ⁽²⁾		Headcount ⁽¹⁾	FTE ⁽²⁾	Headcount ⁽¹⁾	FTE ⁽²⁾
Undergraduate – domestic	15,905		16,337	15,970		15,714	
Undergraduate – international	1,867		1,990	1,819		1,572	
Total undergraduate	17,772	17,407	18,327	17,789	17,099	17,286	16,409
Graduate – domestic	1,292		1,347	1,235		1,162	
Graduate – international	659		848	772		664	
Total graduate	1,951	1,724	2,195	2,007	1,783	1,826	1,614
Total	19,723	19,131	20,522	19,796	18,882	19,112	18,023

(1) Represents Fall student headcount full time (FT) and part time (PT). For a definition, refer to pg 88 of the 2021-22 Budget Report.
(2) Represents full-time equivalent (FTE) students. For a definition, refer to pg 88 of the 2021-22 Budget Report.

Figure 48: Tuition revenue budgeted in University Global ⁽¹⁾

(\$000s)	2020-21 Actual	2020-21 Budget	2020-21 Actual
Undergraduate – domestic			
Faculty of Applied Health Sciences	23,863	23,526	23,322
Goodman School of Business	18,292	20,029	19,718
Faculty of Education	7,598	7,367	6,451
Faculty of Humanities	10,247	10,234	10,177
Faculty of Mathematics and Science	12,473	13,281	12,371
Faculty of Social Sciences	27,159	27,518	27,494
Other ⁽²⁾	218	199	157
Total undergraduate – domestic	99,850	102,154	99,690
Graduate – domestic			
Faculty of Applied Health Sciences	2,248	2,076	1,823
Goodman School of Business	1,459	1,747	1,154
Faculty of Education	1,025	1,317	1,213
Faculty of Humanities	363	443	375
Faculty of Mathematics and Science	679	650	765
Faculty of Social Sciences	2,703	2,677	2,754
Total graduate – domestic	8,477	8,910	8,084
Total domestic	108,327	111,064	107,774
Undergraduate – international			
Faculty of Applied Health Sciences	4,487	4,149	3,588
Goodman School of Business	15,985	14,423	13,619
Faculty of Education	178	121	123
Faculty of Humanities	2,089	2,048	1,633
Faculty of Mathematics and Science	11,239	11,435	9,417
Faculty of Social Sciences	16,456	17,537	14,363
Other ⁽²⁾	46	13	64
Total undergraduate – international	50,480	49,726	42,807
Graduate – international			
Faculty of Applied Health Sciences	286	198	239
Goodman School of Business	2,148	1,767	2,038
Faculty of Education	383	215	169
Faculty of Humanities	146	225	196
Faculty of Mathematics and Science	1,229	1,537	1,277
Faculty of Social Sciences	735	1,203	753
Total graduate – international	4,927	5,145	4,672
Total international	55,407	54,871	47,479
Total Tuition Revenue University Global	163,734	165,935	155,253

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



Figure 49: General Operations Grants

(\$000s)	2020-21 Actual	2020-21 Budget	2019-20 Actual	2018-19 Actual
MCU Operating grants				
Core Operating Grant	68,706	70,076	81,743	81,743
Differentiation Envelope (Performance/Outcomes-based Funding Grant)	19,082	18,925	6,045	6,398
Special Purpose Operating Grant Envelope	11,141	2,969	3,209	3,388
International Student Recovery	(1,748)	(1,844)	(1,705)	(1,452)
Total MCU operating grants	97,181	90,126	89,292	90,077
Other MCU and specific purpose grants	9,543	7,162	7,496	7,850
Total grant revenue	106,724	97,288	96,788	97,927

Grant revenue

As detailed in Figure 49, in 2020-21, Brock received \$87.8 million related to the Core Operating Grant and the Differentiation Grant Envelope. However, when the 2020-21 budget was prepared, the University anticipated increased funding from the Ministry of Colleges and Universities (MCU) related to an increase to the weighted grant unit (WGU) midpoint of 961 for graduate Master's and PhD growth negotiated as part of Strategic Mandate Agreement 2020-25 (SMA3). The MCU subsequently communicated no additional funding was tied to the midpoint adjustment over 2019-20 funding levels and therefore these combined grants were consistent with 2019-20 actuals. The Special Purpose Operating Envelope was \$8.2 million greater than budget due mainly to the one-time MCU COVID-relief grant of \$7.9 million, which was announced and received in 2020-21. The International Student Recovery, which offsets the grants above, was lower than budget by \$0.1 million due to lower international enrolment.

Specific purpose grants were higher than budget by \$2.4 million, due to increased funding received for the Facilities Renewal Program Funds of \$1.5 million as well as an increase to the Research Support Funding of \$0.1 million. In addition, the University received a number of other special purpose grants that were not expected at the time of the budget, including funding from Co-operative Education and Work-Integrated Learning Canada Innovation HUB and the Student Work-Placement Program grant funded by the Government of Canada.

Other revenue

Figure 50

(\$000s)	2020-21 Actual	2020-21 Budget	2019-20 Actual
Residence fees	3,376	20,894	17,991
Other ancillary revenue	5,898	16,474	13,949
Total ancillary revenue	9,274	37,368	31,940
Investment income ⁽¹⁾	2,469	1,849	2,571
Sales and services	12,576	15,682	17,196
Total other revenue	24,319	54,899	51,707

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

Total other revenue was lower than budget by \$30.6 million, driven by lower-than-forecasted ancillary revenue of \$28.1 million and lower-than-budget sales and service revenue of \$3.1 million; offset by higher-than-budgeted investment income of \$0.6 million.

Ancillary revenue was less than budget by \$28.1 million due to the global pandemic, which limited activity on campus for the year. Residence fees were lower than budget by \$17.5 million, parking services, campus store, dining and conference services ancillary revenue were also lower than budget by \$3.9 million, \$1.9 million, \$3.6 million and \$1.0 million, respectively.

The lower sales and services revenue of \$3.1 million compared to budget was mainly due to not being able to run summer camps and hold athletic and other events on campus during the year.

General investment income exceeded budget by \$1.0 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 \$0.4 million. This revenue was recorded directly in the internally restricted sinking fund in the actual results.

Internal chargebacks and inter-fund revenue

Internal chargeback revenue was lower than budget for 2020-21 by \$5.5 million. This decrease was mainly due to the capital contribution from ancillary operations being waived during 2020-21 because of mitigation, as well as limited activity on campus resulting in less internal chargeback activity. Inter-fund revenue was greater than budget by \$1.8 million due to increased funding needed from the capital fund to support the interest on the new bond issuance, which was part of the business case for the student experience capital projects. Included in the actual inter-fund revenue was \$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.

Figure 51: Personnel costs by group

Personnel group ⁽¹⁾ (\$000s)	2020-21 Actual			2020-21 Budget		
	Salary/wage	Benefits	Total personnel costs	Salary/wage	Benefits	Total personnel costs
Faculty and Professional Librarians	89,209	17,324	106,533	92,027	20,984	113,011
Admin/professional	44,277	10,390	54,667	48,568	13,313	61,881
OSSTF	7,421	2,077	9,498	8,072	2,565	10,637
CUPE 1295 FT	6,648	1,993	8,641	6,954	2,445	9,399
SAC	5,800	1,046	6,846	6,153	1,290	7,443
Other ongoing personnel	1,004	291	1,295	1,922	594	2,516
Total ongoing personnel	154,359	33,121	187,480	163,696	41,191	204,887
CUPE 4207 Unit 1	14,771	1,621	16,392	15,944	1,747	17,691
Other temporary personnel	9,984	801	10,785	14,917	1,118	16,035
Total temporary personnel	24,755	2,422	27,177	30,861	2,865	33,726
Total – funding basis	179,114	35,543	214,657	194,557	44,056	238,613
Adjustments to NFPS (See page 61 for discussion of adjustments)						
Employee future benefits adjustment ⁽²⁾		(232)	(232)		(1,325)	(1,325)
Internal restricted funds and research personnel costs ⁽³⁾	5,329	803	6,132	3,759	564	4,323
Total – NFPS basis	184,443	36,114	220,557	198,316	43,295	241,611

(1) **Faculty and Professional Librarians** – BUFA members, Associate Deans, Associate Vice-Presidents of Research and Associate Librarian; **Admin/Professional** – ongoing administrative/professional and exempt staff; **OSSTF** – support and technical staff; **CUPE 1295 FT** – full-time maintenance, trades and custodial staff; **SAC** – Senior Administrative Council; **Other ongoing** – CUPE 4207-2, CUPE 4207-3, CUPE 2220 and IATSE; **CUPE 4207 – Unit 1** – instructors, teaching assistants, lab demonstrators, course co-ordinators and marker/graders; **Other temporary** – all other part-time teaching and non-teaching positions, Faculty overloads and stipend transfers.

(2) The employee future benefits adjustment for actual 2020-21 of -\$232,000 is the difference between payments made for employee future benefits and the net change in the obligation. The employee future benefits adjustment for budget 2020-21 actually nets two adjustments – \$625,000 offset by \$1,950,000. Refer to adjustment 9 and 10 on page 91 of the 2020-21 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 or externally restricted funds. This adjustment represents the personnel costs in the following funds: endowments, course fees, capital and infrastructure projects and reserves, operating project accounts, research funds with no external obligations, start-up funds, professional expense reimbursement accounts and the external research fund.

Operating costs

Personnel costs

Our people are what make everything possible at Brock University. Figure 51 illustrates the actual 2020-21 personnel costs versus budget by personnel group on a funding basis and reconciles to a NFPS basis. Overall personnel costs, on a funding basis, were under budget by \$24.0 million. The savings were mainly seen in faculty and professional librarians and admin/professional employee groups and resulted from strict hiring controls, due to the pandemic, with positions budgeted but not filled during the full year. Temporary personnel costs were also lower than budget across many personnel groups, resulting from the pandemic, including part-time teaching groups, temporary non-teaching, CUPE 4207 Unit 3 ESL instructors and residence dons. Savings versus budget were also experienced in benefit costs of \$8.5 million due in part to less health and dental costs during the year resulting from the pandemic.

Non-personnel operating costs

Overall operating costs, excluding inter-fund expenses, were \$23.0 million lower than budget. The following represent the largest variances to budget:

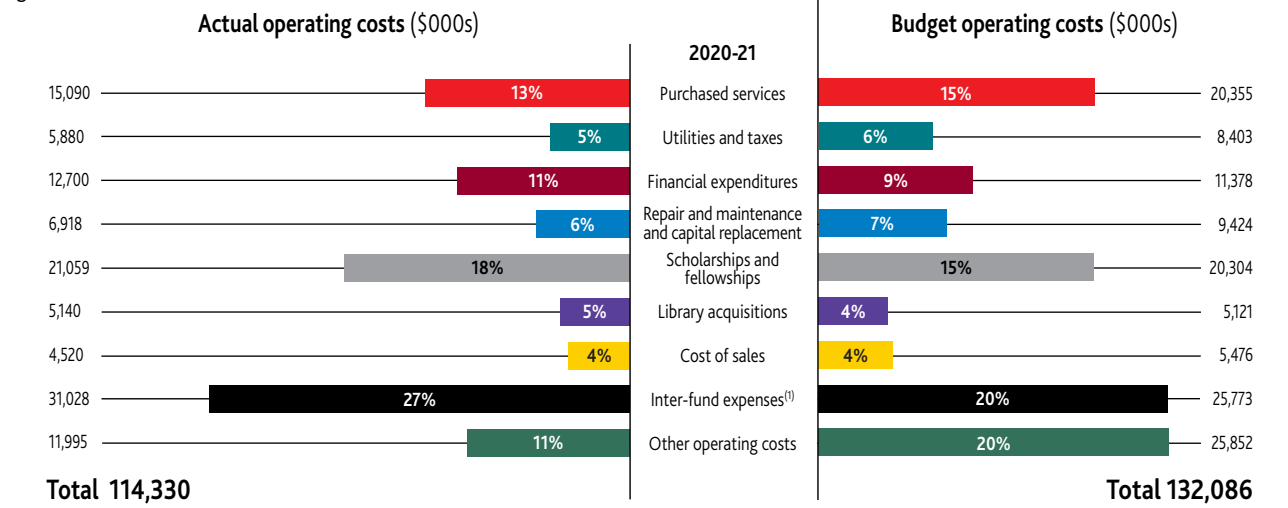
- Other operating costs were lower than budget by \$13.9 million driven by lower travel expenses, materials and supplies costs, and hospitality expenses because of the pandemic. Internal chargeback expenses, as part of other operating costs, were lower than budget mainly due to not allocating the \$3.6 million of strategic funds built into the budget out to units, as part of mitigation; as well as eliminating the transfer from ancillary operations to fund the capital plan. These decreases were offset by higher-than-budgeted bad debt expense.
- Purchased services were lower than budget by \$5.3 million, mainly driven by lower-than-budgeted contracted services related to student recruitment commissions, maintenance and contracted service, foodservice as well as other contracted services across various units.
- Utilities costs were lower than budget by \$2.5 million due to lower electricity, natural gas and water and sewer costs, offset by higher carbon and greenhouse gas costs.
- Repairs and maintenance and capital replacement costs were lower than budget by \$2.5 million, driven by lower-than-budgeted equipment and furniture purchases and general building repairs and maintenance in various units throughout the University.

Inter-fund expenses (before discretionary appropriations), representing transfers to internally restricted reserves, were lower than budget by \$7.6 million. The majority of the reduction in inter-fund expenses relates to the capital budget deferral resulting in \$7.9 million not being transferred to the capital fund as part of mitigation efforts.

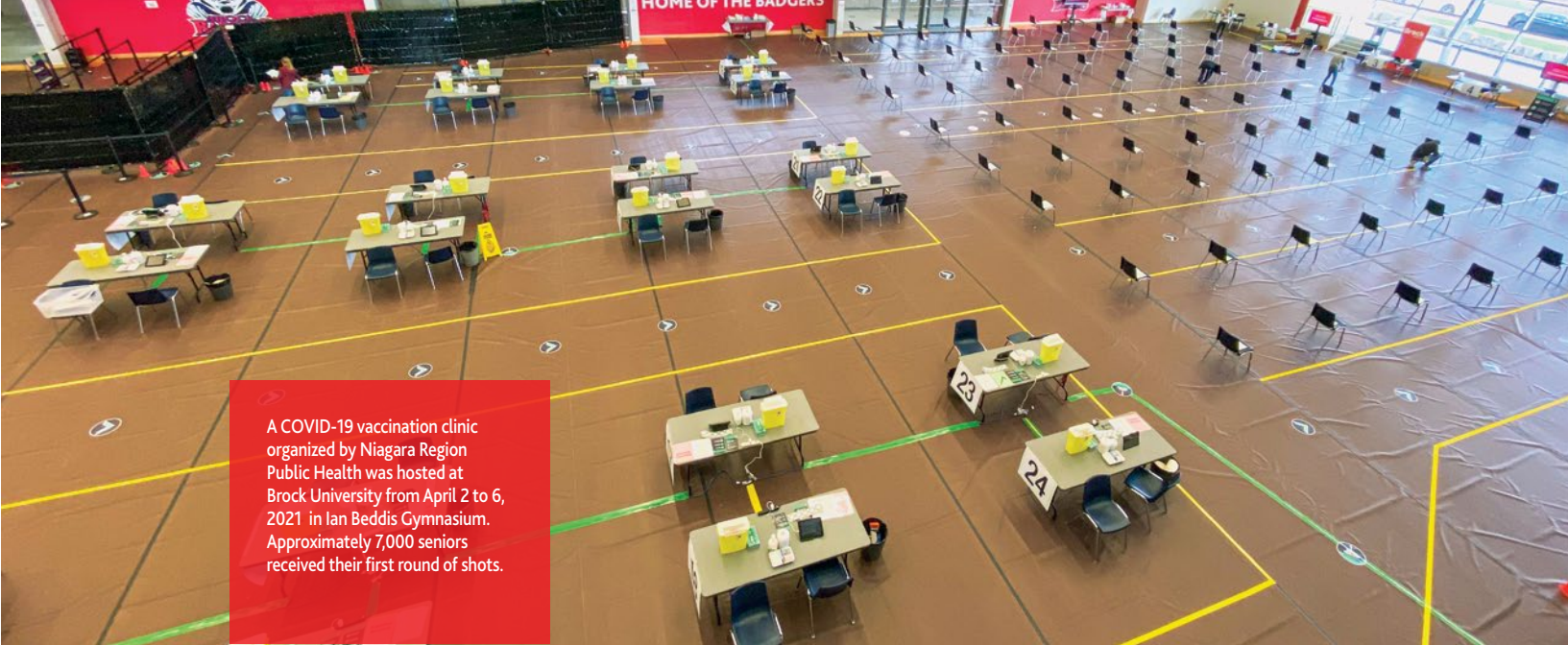
The annual discretionary appropriations established at year-end, and approved by the Board of Trustees, are also inter-fund transfers, and represent the portion of the University's funding surplus that is reinvested in the University's Strategic Priorities at year-end. In 2020-21, the discretionary appropriations were \$12.89 million, which funded the following internally restricted strategic reserves:

- \$1.475 million for the Dean's Strategic Funds, administered by the Provost, and allocated to each Dean through the Revenue and Expense Allocation model, more fully described starting on page 58.
- \$1.24 million for the Vice-President, Research Strategic Fund.
- \$0.54 million for the President's Enhancement Fund.
- \$0.4 for the newly established Vice-President, Administration Strategic Fund.
- \$7.9 million resulting from the one-time MCU COVID-relief grant. Given this funding was announced near the end of the 2020-21 fiscal year, the surplus resulting from this grant is being set aside into a Central Strategic Reserve.

Figure 52



(1) Included in inter-fund expenses are discretionary appropriations in the amount of \$12,885.



A COVID-19 vaccination clinic organized by Niagara Region Public Health was hosted at Brock University from April 2 to 6, 2021 in Ian Beddis Gymnasium. Approximately 7,000 seniors received their first round of shots.

- \$2.0 million resulting from the portion of the proceeds of sale of the Hamilton Campus received in 2020-21 is being reserved for future use related to the Burlington Campus.
- Offset by a transfer from the Provost Strategic Fund of \$0.7 million as part of a reallocation to Research.

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 the 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 pandemic related restrictions and mitigation efforts in place throughout the year, we note that teaching Faculties closed out 2020-21 with a \$4.6 million positive variance to budget. The Utilities, Taxes and Insurance unit resulted in budget-to-actual savings of more than \$1.8 million, as a result of the utility cost efficiencies experienced during the year. Further, shared services units were under budget by \$4.3 million, with savings across several units including the Senior Academic and Administrative Team, Development and Alumni Relations, Information Technology Services, Financial Services and Human Resources. Student Specific units were also under budget by \$2.0 million, mainly in the Office of the Registrar and Residence Life. The Capital unit was also under budget due to mitigation strategies to defer funding some of the capital projects in 2020-21. Finally, Ancillary and Residence Operations' net contribution was less than budget by \$18.9 million, mainly resulting from the restrictions in place due to the global pandemic and limited activity on campus in 2020-21.

Funding budget by responsibility centre

Figure 53 details the funding budget by responsibility centre, which in turn are grouped into one of the following categories: Teaching Faculties, Academic Support, Student Specific, Ancillary, Shared Services, Space and Global.

Figure 53: Funding budget by responsibility centre

(\$000s)	2020-21 Actual			2020-21 Budget			Difference of "Net" amounts	
	Revenue	Personnel costs	Non-personnel costs	Net	Revenue	Personnel costs	Non-personnel costs	Net
Teaching Faculties								
Faculty of Applied Health Sciences	168	(23,144)	(618)	(23,594)	325	(24,858)	(993)	(25,526)
Goodman School of Business	11,891	(27,698)	(2,227)	(18,034)	15,865	(29,356)	(5,081)	(18,572)
Faculty of Education	2,211	(17,245)	(546)	(15,580)	4,295	(18,309)	(1,209)	(15,223)
Faculty of Humanities	546	(22,319)	(684)	(22,457)	625	(22,117)	(843)	(22,335)
Faculty of Mathematics and Science	603	(20,905)	(887)	(21,189)	719	(22,456)	(963)	(22,700)
Faculty of Social Sciences	405	(37,717)	(958)	(38,270)	384	(38,394)	(1,310)	(39,320)
Total Teaching Faculties	15,824	(149,028)	(5,920)	(139,124)	22,213	(155,490)	(10,399)	(143,676)
Academic Support								
Faculty of Graduate Studies	531	(1,388)	(142)	(999)	462	(1,350)	(173)	(1,061)
Library	303	(4,966)	(5,521)	(10,184)	172	(5,621)	(5,656)	(11,105)
Research Services	2,686	(1,942)	(4,446)	(3,702)	2,628	(2,320)	(3,020)	(2,712)
Centre for Pedagogical Innovation	152	(933)	(233)	(1,014)	268	(1,055)	(189)	(976)
Total Academic Support	3,672	(9,229)	(10,342)	(15,899)	3,530	(10,346)	(9,038)	(15,854)
Student Specific								
Office of the Registrar	2,666	(4,369)	(873)	(2,576)	2,417	(5,168)	(1,233)	(3,984)
Aboriginal Student Services	343	(254)	(108)	(19)	359	(294)	(69)	(4)
Student Wellness and Accessibility	2,879	(3,212)	(1,254)	(1,587)	3,022	(3,400)	(1,376)	(1,754)
Student Life and Success	366	(1,649)	(128)	(1,411)	587	(1,715)	(293)	(1,421)
Brock International	1,398	(3,101)	(1,706)	(3,409)	5,742	(5,028)	(2,941)	(2,227)
Co-op, Career and Experiential Education	3,027	(3,731)	(844)	(1,548)	2,705	(3,674)	(602)	(1,571)
Brock Sports and Recreation	2,912	(3,362)	(374)	(824)	8,099	(5,557)	(3,940)	(1,398)
Residence Life		(730)	(32)	(762)	5	(1,523)	(234)	(1,752)
Total Student Specific	13,591	(20,408)	(5,319)	(12,136)	22,936	(26,359)	(10,688)	(14,111)
Ancillary								
Ancillary Operations	5,974	(2,491)	(6,336)	(2,853)	16,742	(3,287)	(9,684)	3,771
Department of Residence Operations	3,708	(1,502)	(9,930)	(7,724)	21,471	(2,144)	(14,799)	4,528
Total Ancillary	9,682	(3,993)	(16,266)	(10,577)	38,213	(5,431)	(24,483)	8,299

Figure 53 continued

(\$000s)	2020-21 Actual			2020-21 Budget			Difference of "Net" amounts		
	Revenue	Personnel costs	Non-personnel costs	Net	Revenue	Personnel costs	Non-personnel costs	Net	
Shared Services									
Senior Academic and Administration Team ⁽¹⁾	23	(3,823)	(320)	(4,120)	207	(4,883)	(978)	(5,654)	1,534
Information Technology Services	434	(5,578)	(1,962)	(7,106)	459	(6,328)	(2,213)	(8,082)	976
Financial Services	479	(2,999)	(715)	(3,235)	494	(3,331)	(742)	(3,579)	344
Human Resources	199	(3,378)	(504)	(3,683)	207	(3,727)	(769)	(4,289)	606
Marketing and Communications	466	(1,608)	(1,204)	(2,346)	1,448	(1,670)	(1,851)	(2,073)	(273)
Development and Alumni Relations	584	(1,094)	(256)	(766)	611	(1,692)	(475)	(1,556)	790
Human Rights and Equity Services	596	(941)	(997)	(1,342)	474	(950)	(872)	(1,348)	6
University Secretariat		(807)	(25)	(832)	5	(843)	(95)	(933)	101
Office of Government Relations and Community Engagements		(460)	(109)	(569)	77	(560)	(120)	(603)	34
Institutional Analysis and Planning	8	(269)	(21)	(282)		(378)	(23)	(401)	119
Internal Audit and University Risk Management		(372)	(22)	(394)		(381)	(34)	(415)	21
Total Shared Services	2,789	(21,329)	(6,135)	(24,675)	3,982	(24,743)	(8,172)	(28,933)	4,258
Space									
Facilities Management	579	(11,973)	(3,196)	(14,590)	815	(12,549)	(3,794)	(15,528)	938
Campus Security Services	123	(1,563)	(994)	(2,434)	153	(1,548)	(1,208)	(2,603)	169
Campus Development and Community Agreements	350	(53)	(1,360)	(1,063)	447	(260)	(1,645)	(1,458)	395
Utilities, Taxes and Insurance	1,941	(1)	(8,035)	(6,095)	2,425		(10,348)	(7,923)	1,828
Financing	3,252		(9,123)	(5,871)	3,706		(9,296)	(5,590)	(281)
Total Space	6,245	(13,590)	(22,708)	(30,053)	7,546	(14,357)	(26,291)	(33,102)	3,049
Global									
Scholarships, Bursaries and Fellowships	3,838		(22,761)	(18,923)	3,331		(22,425)	(19,094)	171
Capital	2,985		(5,508)	(2,523)	4,711		(14,038)	(9,327)	6,804
University Global	270,370	2,920	(19,371)	253,919	261,590	(1,887)	(6,552)	253,151	768
Total Global	277,193	2,920	(47,640)	232,473	269,632	(1,887)	(43,015)	224,730	7,743
Total University	328,996	(214,657)	(114,330)	9	368,052	(238,613)	(132,086)	(2,647)	2,656

(1) Includes the following: the offices of the President, the Vice-President, Administration; the Provost and Vice-President, Academic; the Vice-President, Research; the Vice-Provost and Associate Vice-President, Academic; the Vice-Provost, Students; the Vice-Provost, Strategic Partnerships and International; the Vice-President, Indigenous Engagement; the Associate Vice-President, Advancement and External Relations; the Associate Vice-President, Professional and Continuing Studies, as well as the operating costs of the Board of Trustees and Senate.

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 improvement. 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 2020-21 using the Revenue and Expense Allocation Model. Figure 54 is a visual representation of the 2020-21 actual results versus budget, detailing expenses as a percentage of revenues allocated by each Faculty and in total. The model identifies three Faculties generating net positive contributions, one Faculty breaking-even and two Faculties requiring additional funding from these positive contributions to support their operations. Through guidance from the Senior Academic Leadership Team, 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 Senior Academic Leadership Team where appropriate, to ensure the model is meeting its goals as well as supporting the Institutional Strategic Plan.

Figure 54: 2020-21 Actual vs. budget costs as a percentage of total revenue (%)

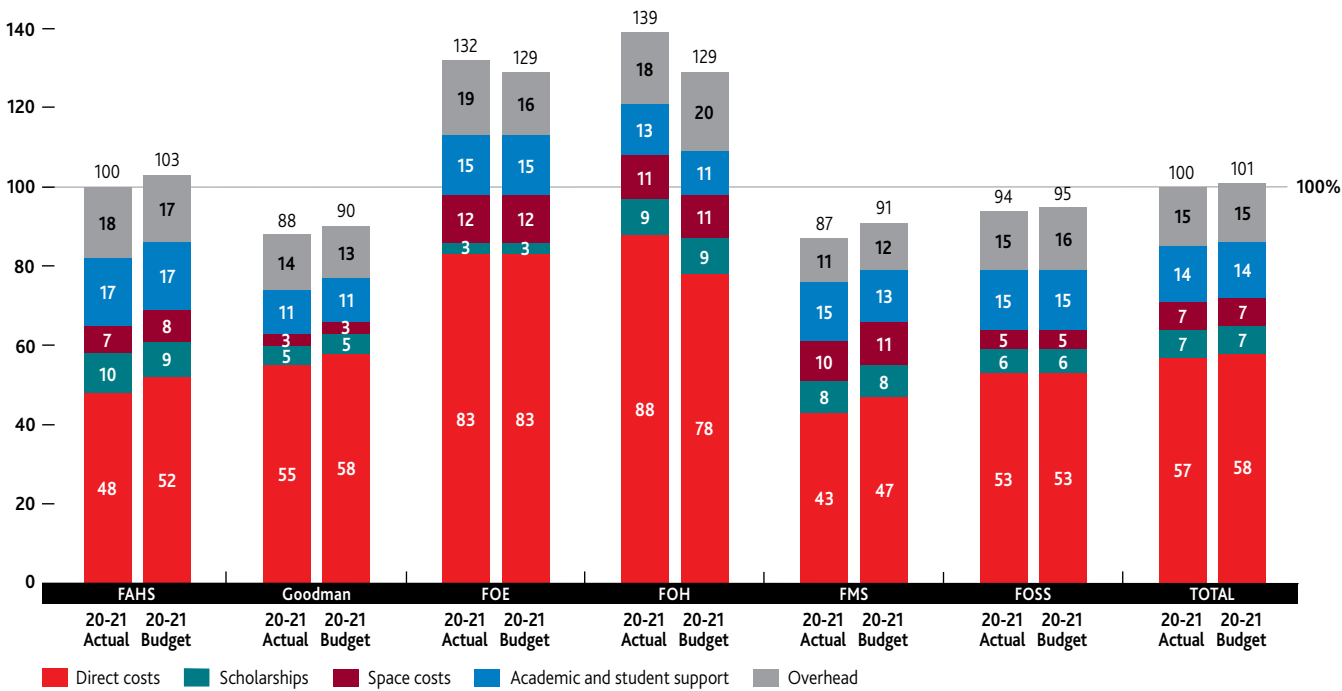


Figure 55: Full revenue and expense allocation model – 2020-21 Actual

(\$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)	19,139	26,154	9,530	16,721	33,586	45,200	150,330
Global tuition by teaching Faculty (graduate)	2,596	3,593	1,351	513	1,944	3,407	13,404
Direct revenue	168	11,891	2,211	546	535	405	15,756
Grant	26,492	12,177	8,244	8,325	11,245	24,063	90,546
Research Support Fund grant revenue	467	37	68	145	814	687	2,218
Total revenue	48,862	53,852	21,404	26,250	48,124	73,762	272,254
Contribution margins							
Direct ongoing personnel costs	19,699	23,746	12,740	18,896	17,225	31,562	123,868
Direct temporary personnel costs	3,445	3,953	4,505	3,423	2,763	6,155	24,244
Direct operating costs	618	2,227	546	684	803	958	5,836
Contribution margin (before scholarships and fellowships)	25,100	23,926	3,613	3,247	27,333	35,087	118,306
Scholarships, fellowships and bursaries	4,829	2,781	671	2,317	3,766	4,559	18,923
Contribution margin (after scholarships and fellowships)	20,271	21,145	2,942	930	23,567	30,528	99,383
Space costs							
Space costs	3,317	1,758	2,470	2,941	4,862	3,478	18,826
Net contribution (after space costs)	16,954	19,387	472	(2,011)	18,705	27,050	80,557
Academic and student-specific support units							
Research Services, Technical Services and Science Stores ⁽¹⁾	1,557	116	215	456	3,239	2,539	8,122
Faculty of Graduate Studies	188	359	138	37	94	270	1,086
Library	2,803	2,184	1,228	1,230	1,568	3,548	12,561
Centre for Pedagogical Innovation	247	193	109	109	139	312	1,109
Student Specific ⁽²⁾	3,701	2,863	1,610	1,580	2,052	4,645	16,451
Net contribution (before overhead allocations)	8,458	13,672	(2,828)	(5,423)	11,613	15,736	41,228
Overhead allocations							
Shared services ⁽³⁾	5,225	4,916	2,643	3,212	3,386	6,931	26,313
Ancillary operations and Residence	2,704	2,093	1,177	1,155	1,501	3,397	12,027
Capital	561	439	249	248	317	709	2,523
University Global	172	(58)	(109)	98	207	46	356
Net contribution	(204)	6,282	(6,788)	(10,136)	6,202	4,653	9

(1) Excludes Research Support Fund grant revenue

(2) 'Student Specific' includes the Office of the Registrar, Aboriginal Student Services, Student Wellness and Accessibility Centre, Student Life and Success, Brock International, Co-op, Career and Experiential Education, Brock Sports and Recreation and Residence Life.

(3) 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 cover 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 2020-21 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)	2020-21 Funding Actuals	NFPS adjustments	Notes – see Figure 57	Internally restricted funds activity	Eliminate inter-fund transfers	Eliminate internal chargebacks	2020-21 NFPS Actuals
Revenue							
Student fees	186,012	512	1	133			186,657
Grant revenue	106,724	(2,953)	2	172			103,943
Internal chargebacks	3,098			1,057		(4,155)	
Inter-fund revenue	8,843	16	5		(8,859)		
Research revenue		11,778	3				11,778
Other revenue	24,319	11,668	4-6	3,079			39,066
Total revenue	328,996	21,021		4,441	(8,859)	(4,155)	341,444
Operating costs							
Personnel costs	(214,657)	(3,128)	1,3,5,8,10	(2,772)			(220,557)
Inter-fund expenses	(31,028)	(1,675)	1,3,5		32,703		
Other operating costs	(83,302)	(30,705)	1,3-5,7-9	(3,990)		4,155	(113,842)
Total costs	(328,987)	(35,508)		(6,762)	32,703	4,155	(334,399)
Funding surplus (after discretionary appropriations)	9	(14,487)		(2,321)	23,844	-	7,045

Figure 57

Notes	Reconciliation of NFPS adjustments (\$000s)
1	Course fee revenue 512
2	Capital grants (2,953)
3	Research, including fellowships 11,778
4	Amortization of deferred capital contributions 7,902
5	Endowment and trust spending 3,767
6	Proceeds of asset sales 15
	Total revenue adjustments 21,021
3	Research spending – personnel (3,064)
3	Research spending – operating costs (8,714)
4	Amortization of capital assets (21,861)
5	Endowment spending – personnel (8)
5	Endowment and trust spending – operating costs (3,759)
1	Course fee spending – personnel (27)
1	Course fee spending – operating costs (485)
7	Principal payments 1,962
8	Non-capital purchases in capital and related project fund – personnel (261)
8	Non-capital purchases in capital and related project fund – operating costs (1,128)
9	Capital purchases in operating 1,605
10	Post-retirement benefits 232
	Total costs adjustments (35,508)

NFPS adjustments

1. **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 2020-21 actual course fee spending, along with the offsetting revenue, represents the adjustments.
2. **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 when it's received. The actual Facilities Renewal Program Funds received in 2020-21 represent the adjustment.
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 2020-21 research spending and the related revenue represent the adjustments.
4. **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 \$21.861 million is recorded to reflect the usage of capital assets, and amortization of deferred capital contributions (restricted external donations and grants) of \$7.902 million is being amortized over the useful life of the assets they have funded. These figures represent the adjustments.
5. **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 2020-21 actual endowment and trust spending, along with the offsetting revenue, represents the adjustments.
6. **Proceeds of asset sales** – The net proceeds from the sale of the Hamilton campus will be recorded on a funding basis as the cash is received, while the NFPS statements will record the gain on sale in accordance with accounting standards. This adjustment represents the difference in these two methods.

7. **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 2020-21 actual principal payments represent the adjustment.
8. **Non-capital purchases in capital and related project fund** – Non-capital purchases (including personell 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 2020-21 actual non-capital purchases represent the adjustment.
9. **Capital purchases in operating** – Capital purchases made as part of operating spending are recorded as an expense on a funding basis, while they are recorded as an asset in the Statement of Financial Position for NFPS purposes. The 2020-21 actual capital purchases made as part of operating spending represent the adjustment.
10. **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

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 \$8.859 million and inter-fund expenses of \$32.703 million represent transfers between unrestricted, internally restricted 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 \$4.155 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, 2021 is \$0.102 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 \$29.7 million as of April 30, 2021. 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.

Figure 58: Strategic initiative fund balances as of April 30, 2021

(\$000s)	President	Provost	Vice-President Research	Vice-President Administration	Central Institutional ⁽¹⁾	Research Capital	Development	Dean's ⁽²⁾	Total
Opening balance	738	2,774	1,243			866	650	3,528	9,799
Allocation of Dean's strategic funds								(3,528)	(3,528)
2020-21 spending	(197)	(431)	(1,243)			(866)			(2,737)
2020-21 discretionary appropriations	539	(705)	1,240	400	9,936			1,475	12,885
Total	1,080	1,638	1,240	400	9,936	-	650	1,475	16,419

(1) Includes \$7.9 million from the one-time MCU COVID-relief grant and \$2.0 million resulting from the sale of the Hamilton Campus.
(2) Dean's Strategic Funds are overseen by the Provost and, once approved by the Board of Trustees, these funds are transferred to the Faculty Operating Project Account reserves.

- *Contingency reserve* – This fund was established to cover potential unanticipated costs with current or previous projects and any future litigation as well as \$1.5 million set-aside in 2019-20 to address COVID-19 mitigation during 2020-21. Fortunately, the use of this \$1.5 million was not required in 2020-21. The additional funding in 2020-21 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, research and institutional priorities with one-time funding. It includes the Provost Strategic Fund, the Vice-President, Research Strategic Funds, the President’s Enhancement Fund, the Vice-President, Administration Strategic Fund, the Central Institutional Strategic Fund and the Development Strategic Fund. As of April 30, 2021, this fund also includes the 2020-21 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. See Figure 58 for a breakdown of the balances in this fund.
- *Encumbrance reserve* – This fund was established to accommodate situations where the budgeted funding is available and a purchase commitment is established

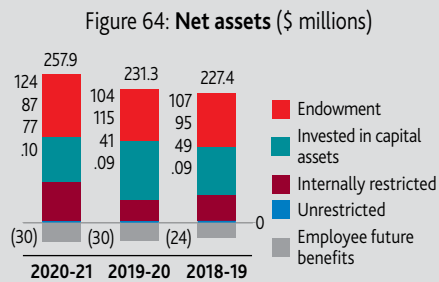
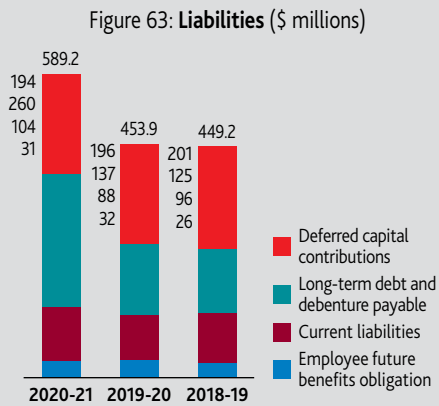
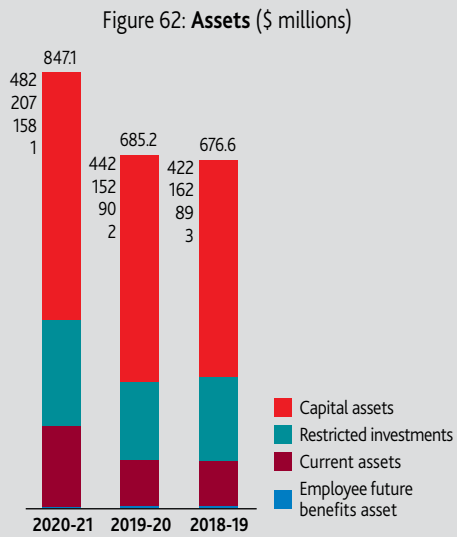
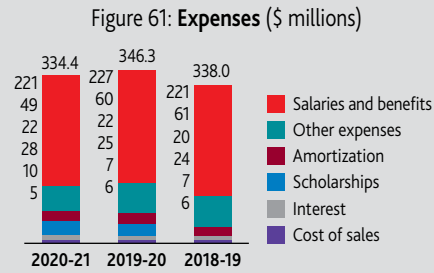
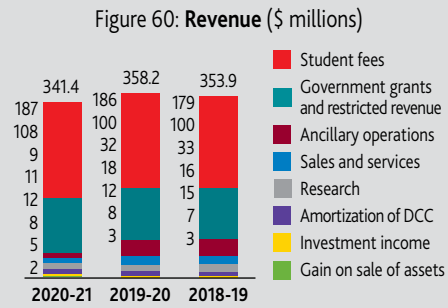
but the goods have not yet been received by year end. This fund allows the budgeted funding to be reserved and utilized in the following year.

- **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 remains 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. Investment income on this reserve remains restricted for employee future benefits.

Figure 59 details the balances of a number of the internally restricted funds as of April 30, 2021 by teaching Faculty as well as the Library.

Figure 59: Balances by Faculty as of April 30, 2021

(\$000s)	Operating project accounts (Strategic Funds)	Operating project accounts (other)	Research funds with no external obligations	Start-up funds	PER and accountable allowance accounts	Total
Faculty of Applied Health Sciences	716	310	1,050	984	595	3,655
Faculty of Education	56	46	86	83	369	640
Faculty of Humanities	185	143	121	88	396	933
Faculty of Mathematics and Science	2,178	538	625	518	639	4,498
Faculty of Social Sciences	972	404	946	912	904	4,138
Goodman School of Business	1,208	715	72		478	2,473
Library			1		56	57
Other units		746	494		83	1,323
Total	5,315	2,902	3,395	2,585	3,520	17,717



Financial review of the audited Financial Statements

Revenues

Revenues were down year over year to \$341 million. Student fees increased \$0.8 million, or 0.5 per cent, due to an increase in international tuition rates, offset by a slight decrease in headcount enrolment of 0.4 per cent. Government grants increased by \$8.6 million, or 9.0 per cent, driven by the MCU COVID-relief grant funding of \$7.9 million. Ancillary operations revenue decreased \$22.7 million, or 71 per cent in residence, parking, dining, campus store and conference services due to COVID-19 and limited students and staff on campus during the year. Sales and services revenue decreased \$6.6 million, or 36.7 per cent, driven by reduced program fee revenue related to camps, aquatics and sports. Investment income increased \$1.6 million, or 54 per cent. In addition, 2020-21 includes gain on sale of asset revenue of \$1.9 million related to the sale of the Hamilton Campus.

Expenses

Expenses decreased to \$334 million, or 3.4 per cent less than last year. Salaries and benefits decreased \$6.7 million, or 3.0 per cent. Of the \$6.7 million decrease, \$3.8 million relates to salary costs and the remaining decrease of \$2.9 million relates to pension and benefits. This reduction was experienced by employee groups significantly affected by the pandemic, including temporary non-teaching, CUPE 1295 maintenance, trades and custodial, CUPE 4207 Unit 3 ESL instructors and residence dons. Other expenses decreased by \$9.9 million, or 22.8 per cent, mainly due to travel restrictions and a reduction in conference fees, hospitality expenses, contracted food services and student recruitment commissions. Utilities and taxes decreased \$0.5 million, or 7.2 per cent, due to lower electricity, natural gas and water and sewer costs, offset by higher carbon and greenhouse gas costs. Offsetting these decreases is an increase to scholarships, fellowships and bursaries of \$2.9 million, or 11.7 per cent, related to the planned changes as set out in the fiscal framework as well as additional funding resulting from the pandemic.

Assets

Assets increased by \$161.9 million, or 23.6 per cent over last year. Notably, capital assets increased by \$39.9 million, because of construction related to the Decew Residence Renewal, construction of the new Residence 8, the Zone expansion, and cafeteria renovation projects. Restricted investments also increased by \$54.9 million, driven by an increase in endowments of \$19.9 million as well as an increase to internally restricted net assets of \$35.3 million. Current assets also increased \$68.4 million, mainly due to cash and cash equivalents. These increases are offset by a decrease of \$1.3 million in the employee future benefits asset.

Liabilities

Liabilities increased by \$135.3 million over last year, or 29.8 per cent. Long-term liabilities increased \$122.6-million mainly due to the issuance of the 2020 Series B bond. Accounts payable and accrued liabilities and deferred revenue increased \$13.2 million due to an increase in spring deferred tuition and student fees as well as accruals for construction projects and a deferral of the gain from the sale of the Hamilton Campus. These increases are offset by a decrease in employee future benefit obligation by \$1.2 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 2020-21 was 1.20 per cent (2.48 per cent 2019-20). Yield on operating investment income decreased by 1.28 per cent in 2020-21 as a result of a lower prime rate on cash balances and lower yield curve impacting Guaranteed Investment Certificate (GIC) rates. The cash deposit rates earn prime minus 165 basis points (bps) and a 31-day notice hold account earns prime minus 150 bps. Prime rate was 2.45 per cent for fiscal 2020-21, which was 1.50 per cent lower than prime in 2019-20. As at April 30, 2021, \$55.0 million was invested in GICs with an average yield and duration of 1.81 per cent and 1.8 years respectively (2.66 per cent and 1.6 years respectively in 2019-20). In comparison, Government of Canada two-year bonds had an average yield of approximately 0.30 per cent (0.31 per cent at April 30, 2020).

The sinking fund posted a strong positive return for the fiscal year, yielding 14.86 per cent (3.14 per cent in 2019-20). 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 12.6 per cent before management fees (0.25 per cent) over the last 98 months since the establishment of this investment. No change is planned to this investment strategy at this time. This fund will begin receiving additional contributions in 2021-22 as part of the \$125-million series B debenture repayment strategy outlined in the Financing section of the 2021-22 Budget Report.

Figure 65 summarizes the investment income year-over-year and versus budget, Figure 66 graphs the cumulative monthly investment income performance, Figure 67 details the monthly cash flow over the past five years, Figure 68 represents a year-over-year variance analysis of investment holdings and Figure 69 is an analysis of fees for investment management.

Figure 65: Summary investment income

(\$000s) Unless otherwise stated	2020-21 Actual	2019-20 Actual	Variance year-over-year	2020-21 Budget	% of budget achieved
Operating investment income	2,386	2,571	(185)	1,500	159%
Sinking fund	1,236	237	999	349	354%
Employee future benefits reserve	920	177	743		NA
Investment Income⁽¹⁾	4,542	2,985	1,557	1,849	246%

(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 66: Cumulative monthly investment income performance 2019-20 vs. 2020-21 (\$000s)

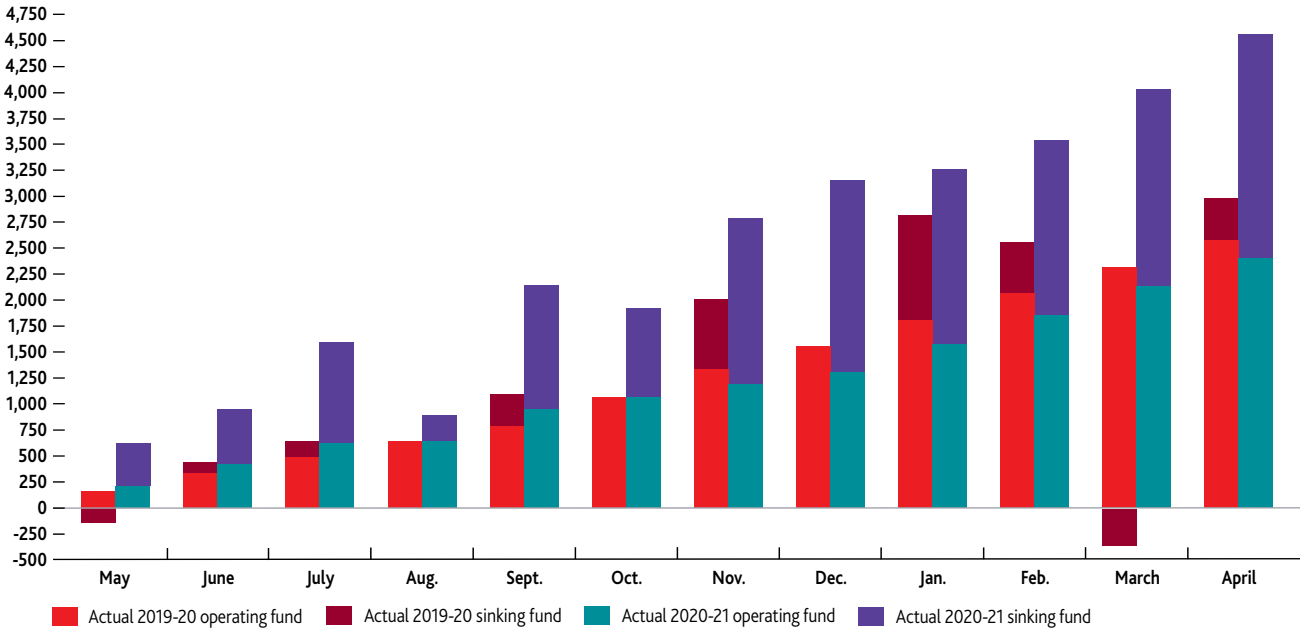


Figure 67: Monthly cash flow – historical trend month-end balances (\$000s)

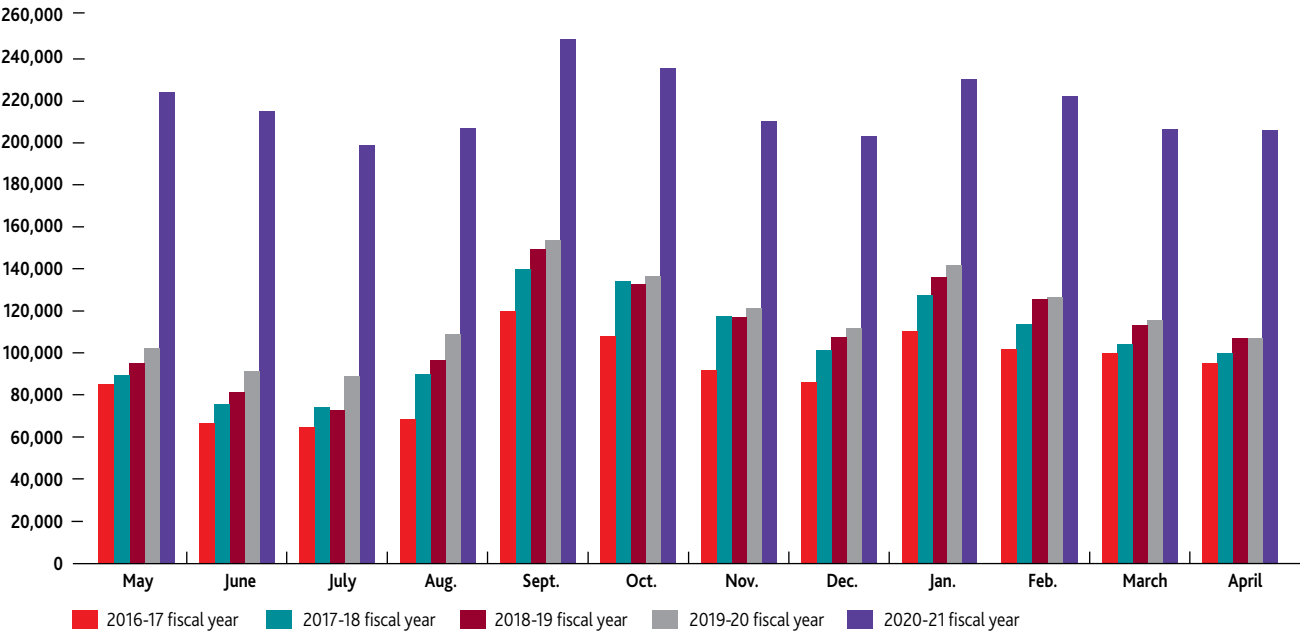


Figure 68: Year-over-year variance analysis of investment holdings

(\$000s) Unless otherwise stated	Average balance ⁽¹⁾	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					
2019-20	73,698	1,931	2.62%		
2020-21	163,203	2,125	1.30%		
Variance better/(worse)	89,505	194	-1.32%	(971)	1,165
Cash					
2019-20	29,918	640	2.14%		
2020-21	35,091	262	0.75%		
Variance better/(worse)	5,173	(378)	-1.39%	(417)	39
Total operating investments					
2019-20	103,616	2,571	2.48%		
2020-21	198,294	2,387	1.20%		
Variance better/(worse)	94,678	(184)	-1.28%	(1,388)	1,204
Sinking fund					
2019-20	7,548	237	3.14%		
2020-21	8,318	1,236	14.86%		
Variance better/(worse)	770	999	11.72%	885	114
Employee future benefits reserve					
2019-20	5,618	176	3.14%		
2020-21	6,191	920	14.86%		
Variance better/(worse)	573	744	11.72%	658	85
Total investment					
2019-20	116,782	2,984	2.56%		
2020-21	212,803	4,543	2.13%		
Variance better/(worse)	96,021	1,559	-0.42%	155	1,403

(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 \$82,000 not included in the figures above.

Figure 69: Analysis of fees for investment management

(\$) Unless otherwise stated	2020-21 Actual	2019-20 Actual	Variance better/(worse)
Non-discretionary broker accounts			
TD Waterhouse			
BMO Nesbitt Burns	2,537	2,821	284
Scotiabank Investments			
Total non-discretionary	2,537	2,821	284
Mawer – balanced fund	34,582	32,656	(1,926)
Total fees	37,119	35,477	(1,642)
Total fees as a % of balance	0.017%	0.030%	0.013%



Financial health metrics

These financial health metrics compare us to other universities in the comprehensive category as detailed in Figure 70.

Figure 70

	Brock ⁽¹⁾			Median ⁽²⁾		Weighted average ⁽²⁾	
	April 2021	April 2020	April 2019	April 2020	April 2019	April 2020	April 2019
Primary reserve ratio	25.6%	14.2%	16.9%	23.9%	27.5%	40.9%	42.0%
Debt burden ratio	3.7%	6.7% ⁽³⁾	2.8%	2.4%	2.4%	3.8%	2.5%
Interest burden %	3.4%	2.1%	2.2%	1.3%	1.4%	1.2%	1.6%
Interest coverage	3.00	4.64	4.97	4.64	7.73	4.22	6.15
Viability ratio	32.9%	35.7%	45.6%	109.2%	118.2%	112.7%	124.1%
Net operating revenues ratio	8.9%	9.3%	9.8%	4.6%	9.8%	5.4%	10.9%
Employee future benefits per student headcount (\$000s)	\$(1.14)	\$(1.13)	\$(0.89)	\$(3.52)	\$(1.49)	\$(4.25)	\$(2.00)
Endowment per student headcount (\$000s)	\$6.28	\$5.25	\$5.60	\$8.31	\$8.68	\$7.89	\$7.57

(1) Certain Brock 2019 metrics have been adjusted due to an update in reporting.
(2) Calculated using financial information from 13 other comprehensive universities. Certain 2019 metrics have been updated due to revisions in certain universities' financial statements.
(3) Increase is due to a one-time repayment of a \$14.4-million loan utilizing the debt repayment reserve established within the Fiscal Framework.

- The metrics can be explained as follows:
1. The primary reserve ratio refers to the amount of cash available to cover operations. At April 2021, Brock has approximately 93 days (2020 – 52 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 decreased by 3.0 per cent, as 2019-20 included the repayment of the Marilyn I. Walker School of Fine and Performing Arts loan of \$14.4 million. A normalized 2019-20 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 33 per cent and therefore is comparably more vulnerable to unplanned events. The decrease in this ratio in 2020-21 is the result of the additional debt acquired during the year partially offset by positive fiscal performance.
 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 seven years, which is a positive sign and the result of a lot of hard work by everyone in the University community.

The comparative April 2021 figures of the other universities in the comprehensive category were not available at the time of writing this annual report.

Our debt

Figure 71 details the current and projected external debt of the University.

At the beginning of this fiscal year, Brock secured a series B debenture of \$125 million, 3.033 per cent interest, 40- year bullet, with the proceeds covering capital needs and refinancing of upcoming debt maturities. This series B debenture is 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. The funding plan for both bonds includes a sinking fund. Other future debt maturities can be found in the audited financial statements of the University.

The debt forecast is within financial metric ranges of the University's current credit rating. On Feb. 1, 2021, Brock University presented its financial results, strategic plan updates, and financial and debt forecast to DBRS Morningstar. On Mar. 10, 2021, DBRS Morningstar changed the trends on Brock's credit rating to A (high) with Negative

Figure 71: Outstanding debt

(\$000s) (unless otherwise noted)	Actual					Forecast			
	April 30, 2017	April 30, 2018	April 30, 2019	April 30, 2020	April 30, 2021	April 30, 2022	April 30, 2023	April 30, 2024	April 30, 2025
2005 Bond	93,000	93,000	93,000	93,000	93,000	93,000	93,000	93,000	93,000
Roy and Lois Cairns Health and Bioscience Research Complex	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						
2020 Bond and Scotia loan				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 ^{(1) (2)}	20,086	20,303	20,548	21,597	21,435	21,435	21,435	21,435	21,435
Total debt/FFTE (in dollars) ⁽¹⁾	\$7,420	\$7,225	\$7,019	\$6,587	\$12,377	\$12,279	\$11,254	\$11,191	\$10,451
Debt reduction strategy									
Sinking fund – 2005 Bond	6,413	6,696	7,370	7,607	7,319	7,685	8,069	8,473	9,301
Sinking fund – 2020 Bond					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) ⁽¹⁾	\$6,656	\$6,364	\$6,013	\$6,217	\$11,859	\$11,583	\$10,606	\$10,359	\$9,352

(1) Fiscal full-time enrolment (FFTE). For a definition, refer to page 88 of the 2021-22 Budget Report.
(2) Given the impact of the pandemic, the enrolment forecast is being revised. The forecast highlighted above is shown as flat to approximate calculation for debt per FFTE; however, results will change once forecast is completed.

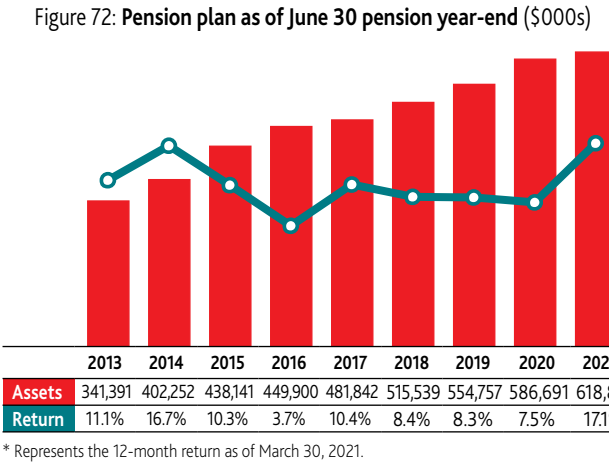
trends from A (high) with Stable trends. The trend changes reflect DBRS Morningstar’s understanding that Brock has been disproportionately affected by the pandemic as a result of increased competition for domestic students. This, in turn, has resulted in a weaker enrolment outlook. This warning reflects the potential of persistent impacts of COVID-19 on university finances, including on Brock, and observed through recent developments in the sector. DBRS Morningstar notes “Absent an improvement in Brock’s enrolment outlook within the next 12 months, a one-notch downgrade of the ratings is possible given the anticipated deterioration in key financial risk assessment metrics such as interest coverage and debt per FTE. Should Brock demonstrate an improved operating outlook supported by further enrolment growth and/or resumption of on-campus activities, specifically ancillary operations, resulting in improved interest coverage and reduced debt per FTE, DBRS Morningstar could change the trends to Stable.”



Pension plan

The actuarial valuation on the pension plan completed as at Jan. 1, 2020, indicated the plan was 98 per cent funded on a going-concern basis (96 per cent as at July 2017 valuation) and 106 per cent on a solvency basis (105 per cent as at July 2017 valuation). The going concern deficit improved mainly due to strong investment returns, offset by new legislation to fund a provision for adverse deviation (Pfad), which is a requirement for all single employer sponsored pension plans. 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 \$12.7 million (\$17.9 million as at July 2017 valuation) has required special payments into the plan of \$1.46 million and current service cost payments for the plan of \$14.53 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 \$7.99 million, resulting in an employer to employee funding ratio of 2.0 to 1.0. Figure 72 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/



Endowment summary

The endowments of the University continue to grow. Figure 73 summarizes the activity of the last six years. Figure 74 details the Top 10 endowments by size of investments as of April 30, 2021.

Figure 73: Endowment activity

(\$000s)	2020-21 Actual	2019-20 Actual	2018-19 Actual	2017-18 Actual	2016-17 Actual	2015-16 Actual
Opening endowment	103,896	107,026	96,671	93,697	83,098	81,695
Spending	(3,091)	(2,929)	(2,464)	(2,396)	(1,999)	(1,995)
Investment income and unrealized (loss)/gain	19,893	(1,553)	10,932	4,099	11,145	2,460
New donations	3,112	1,352	1,887	1,271	1,453	938
Ending endowment	123,810	103,896	107,026	96,671	93,697	83,098

Figure 74: Top 10 endowments (2020-21 Actual)

Amount (\$000s)	Name	Purpose
20,285	Marilyn I. Walker SFPA Fund	Supports the MIWSFPA
8,927	The Harrison-Thompson Bursary Trust	Supports Undergraduate Awards
3,401	The Joyce Foundation Bursary	Supports Undergraduate Awards
3,173	Dr. Gerald B. Mitchell Fund in Experiential Learning	Supports research, student experiences and programming
2,797	VP Research Discretionary Fund	VP Research Discretionary
2,207	Dr. and Mrs. Moriyama Graduate Fellowship Fund	Supports Graduate Awards
2,127	Bluma Appel Entrance Scholarship For Excellence	Supports Graduate Awards
1,717	Luigi and Amalia Setacci Award	Supports Undergraduate Awards
1,595	Ruth Evelyn Williamson Estate	Supports Undergraduate Awards
1,567	Provost Discretionary Enhancement Fund	Provost Discretionary





Capital investments

In total, the University purchased \$61.7 million in capital additions during 2020-21. These additions represent investments in facilities and information technology supporting a number of projects, including investments in the 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. Typically, 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 (capital fund). As detailed in Figure 75, \$1.9 million of funding from the capital fund

supported the information technology capital purchases during the year. Conversely, in 2020-21, the facilities management portion of the capital fund was actually reimbursed by the net amount of \$17.1 million. Spending in 2019-20 related to the Student Experience Projects (Residence 8, Decew Residence renewal, Lot S and Ring Road and Dining Services projects) were initially funded through working capital and this reserve at year-end 2019-20, resulting in the negative balance. These funds were reimbursed this year with the proceeds of the debt issued early in 2020-21.

Figure 75 illustrates the 2020-21 activity of the capital fund, which makes up a component of the internally restricted net asset balance in the audited NFPS Financial Statements. During 2020-21, \$7.4 million was transferred into the fund from operating, this is less than the \$14.0 million that was set out in the 2020-21 capital and related projects budget. The decrease is due to mitigation related to the COVID-19 pandemic. In year, an additional \$1.6 million in approved funding was added to the fund from the Strategic Reserves. This additional funding included \$0.6 million in support of the FedDev Brock-Niagara Validating, Prototyping and Manufacturing facility (VPMI) and \$1.0 million in support of the FedDev Inniskillin Hall construction. \$3.5 million was transferred into operating from the capital fund to support the interest payments on the new 2020 bond as planned for in the student experience capital project business case.

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.

Figure 75: 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, 2020)	(5,231)	2,462	(2,769)
Funding from operating	5,029	2,353	7,382
Funding to operating for interest on debt	(3,502)		(3,502)
Funding from strategic reserve	1,624		1,624
Transfer between FM and ITS projects	(1)	1	-
In-year spending (capitalized)	17,118	(1,927)	15,191
In-year spending (not capitalized)*	(246)	(1,143)	(1,389)
Ending Balance (April 30, 2021)	14,791	1,746	16,537

* 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.



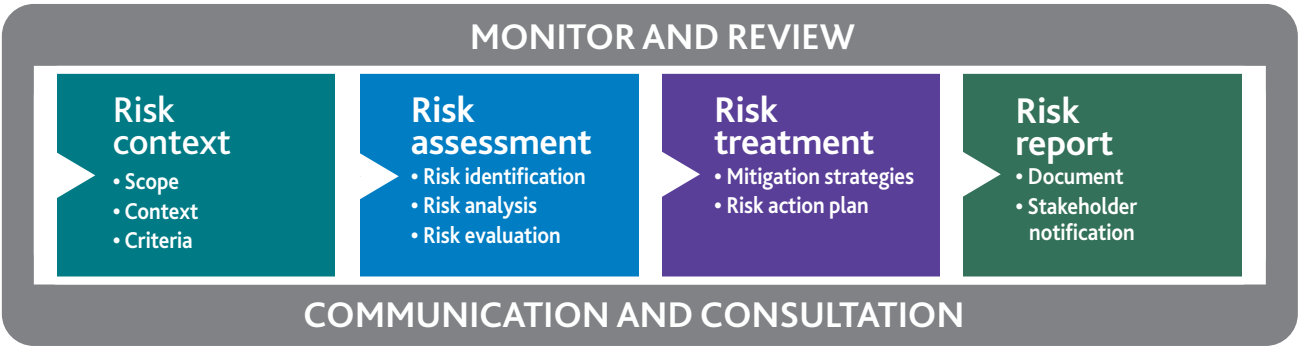
University Risk Management

University Risk Management (URM) continues to evolve and mature at Brock. URM helps inform decision-making and support the achievement of the University's strategic objectives and priorities through the identification, assessment and management of principal risks. Brock's URM program does not seek to eliminate risk. Rather, the aim of URM is to identify and understand both risks and opportunities and develop appropriate strategies – including mitigation and optimization – to help achieve the University's goals.

Adapted from best practices and international standards, Brock's principal risk assessment process below facilitates a structured approach for risk-informed decision-making and 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 76

URM process



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



Financial Statements of BROCK UNIVERSITY

Year ended April 30, 2021

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, 2021 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 fulfills 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, 2021 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
Chief Financial Officer & Associate
Vice-President Financial Services



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, 2021
- 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, 2021, 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.



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.



- 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 24 2021

BROCK UNIVERSITY

Statement of
Financial Position

As at April 30, 2021 with comparative
information for 2020
(in thousands of dollars)

	2021	2020
Assets		
Current assets:		
Cash and cash equivalents (note 2)	\$120,741	\$58,346
Accounts receivable	30,598	24,450
Government grants receivable	4,770	4,783
Prepaid expenses and other assets	441	393
Inventories	1,402	1,536
	157,952	89,508
Restricted investments (note 3)	206,666	151,778
Capital assets (note 4)	481,711	441,828
Employee future benefits asset (note 9)	801	2,083
	\$847,130	\$685,197
Liabilities and Net Assets		
Current liabilities:		
Accounts payable and accrued liabilities (note 16)	\$44,364	\$39,332
Deferred revenue	45,735	37,537
Deferred contributions (note 5)	12,244	9,600
Current portion of long-term debt (note 6)	2,085	1,962
	104,428	88,431
Long-term debt (note 6)	45,210	47,295
Debenture payable (note 7)	214,872	90,182
Deferred capital contributions (note 8)	194,224	196,338
Employee future benefits obligation (note 9)	30,501	31,659
Total liabilities	589,235	453,905
Net assets:		
Endowments (note 10)	123,810	103,896
Invested in capital assets (note 11)	86,920	115,441
Internally restricted (note 12)	76,763	41,438
Employee future benefits	(29,700)	(29,576)
Unrestricted	102	93
	257,895	231,292
Commitments (note 13)		
Contingencies (notes 14 and 15)		
	\$847,130	\$685,197

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, 2021 with comparative information for 2020 (in thousands of dollars)

	2021	2020
Revenues:		
Student fees	\$186,657	\$185,818
Government grants	103,943	95,344
Ancillary operations	9,274	31,940
Sales and services	11,338	17,922
Other revenues for restricted purposes	3,987	4,224
Investment income	4,676	3,036
Research grants for restricted purposes (note 17)	11,778	11,715
Gain on sale of assets	1,889	-
Amortization of deferred capital contributions (note 8)	7,902	8,239
	341,444	358,238
Expenses:		
Salaries and benefits	220,557	227,265
Operating expenses	33,476	43,369
Scholarships, fellowships and bursaries	27,562	24,681
Expendable equipment, repairs and maintenance	10,066	10,461
Utilities and taxes	5,880	6,338
Interest on long-term debt	10,477	6,975
Cost of sales	4,520	5,506
Amortization of capital assets	21,861	21,738
	334,399	346,333
Excess of revenues over expenses	7,045	11,905
Net transfers (to) from internally restricted net assets	(35,325)	7,626
Net transfers from (to) invested in capital assets	28,521	(20,235)
Net transfers (to) from employee future benefits	(232)	712
Change in unrestricted net assets in the year	(7,036)	(11,897)
Unrestricted net assets, beginning of year	93	85
Unrestricted net assets, end of year	\$102	\$93

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

BROCK UNIVERSITY

Statement of Changes in Net Assets

Year ended April 30, 2021 with comparative information for 2020 (in thousands of dollars)

April 30, 2021	Employee future benefits	Endowments (note 10)	Invested in capital assets (note 11)	Internally restricted (note 12)	Unrestricted	Total
Net assets, beginning of year	\$(29,576)	\$103,896	\$115,441	\$41,438	\$93	\$231,292
Excess of revenues over expenses (expenses over revenues)	-	-	(9,672)	-	16,717	7,045
Change in internally restricted net assets	-	-	-	35,325	(35,325)	-
Net change in investment in capital assets (note 11(b))	-	-	(18,849)	-	18,849	-
Actuarial loss in employee future benefits	(356)	-	-	-	-	(356)
Net current service charge in employee future benefits	232	-	-	-	(232)	-
Change in endowment net assets (note 10(a))	-	19,914	-	-	-	19,914
Net assets, end of year	\$(29,700)	\$123,810	\$86,920	\$76,763	\$102	\$257,895

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

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

BROCK UNIVERSITY

Statement of Cash Flows

Year ended April 30, 2021 with comparative information for 2020 (in thousands of dollars)

	2021	2020
Cash provided by (used in):		
Operating activities:		
Excess of revenues over expenses	\$7,045	\$11,905
Add (deduct) non-cash items:		
Gain on sale of assets	(1,889)	-
Amortization of gain on sale of assets	(146)	-
Amortization of capital assets	21,861	21,738
Amortization of deferred capital contributions	(7,902)	(8,239)
Amortization of deferred charges on debenture payable	(310)	(101)
	18,659	25,303
Net change in non-cash working capital balances related to operations:		
Increase in accounts receivable	(6,148)	(490)
Decrease in government grants receivable	13	1,492
Increase in prepaid expenses and other assets	(48)	(287)
Decrease (increase) in inventories	134	(112)
Increase in accounts payable and accrued liabilities	5,032	2,755
Increase in deferred revenue	8,198	2,735
Increase in deferred contributions	2,644	1,250
Net current service charge in employee future benefits	(232)	712
	9,593	8,055
Cash provided by operating activities	28,252	33,358
Financing activities:		
Contributions restricted for capital purposes	5,788	3,376
Increase in long-term debt	-	14,400
Increase in debenture payable	125,000	-
Repayment of long-term debt	(1,962)	(16,367)
Cash provided by financing activities	128,826	1,409
Investing activities:		
Net change in restricted investments	(54,888)	10,578
Purchase of capital assets	(61,730)	(41,211)
Net proceeds from sale of assets	2,021	-
Change in endowment net assets	19,914	(3,130)
Cash used in investing activities	(94,683)	(33,763)
Increase in cash	62,395	1,004
Cash and cash equivalents, beginning of year	58,346	57,342
Cash and cash equivalents, end of year	\$120,741	\$58,346

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

BROCK UNIVERSITY

Notes to Financial Statements

Year ended April 30, 2021

Incorporated in 1964, Brock University (the “University” or “Brock”) 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, the University contributes 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.

- (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 January 1, 2020 and the next required valuation will be as of January 1, 2023.

The most recent actuarial valuation of the non-pension benefits for accounting purposes was as of April 30, 2021.
- (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.

(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 \$6,378,000 (2020 – \$8,710,000) and is expected to be received as follows:

(000's)	2021	2020
2021	\$-	\$846
2022	790	332
2023	252	211
2024	234	195
2025	201	188
2026	71	-
Thereafter	4,830	6,938
	<u>\$6,378</u>	<u>\$8,710</u>

(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.

2. Cash and cash equivalents:

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

(000's)	2021	2020
Cash and cash equivalents	\$103,252	\$56,563
Held for future capital projects		
Cash and cash equivalents	17,489	1,783
	<u>\$120,741</u>	<u>\$58,346</u>

3. Restricted investments:

The fair value of investments are as follows:

(000's)	2021	2020
Invested for endowments		
Cash and cash equivalents	\$194	\$61
Walter Scott & Partners Global Equity Fund	40,265	51,900
Mawer Global Equity Pooled Fund	38,119	13,676
Barings Global High Yield Credit Strategies Fund	23,976	17,425
AllianceBernstein Core Plus Bond Fund	21,256	20,834
	<u>123,810</u>	<u>103,896</u>
Invested for unspent capital projects		
Cash and cash equivalents (note 8)	1,166	1,386
Invested for future loan repayments		
Mawer Balanced Fund	8,843	7,607
Invested for employee future benefit reserve		
Mawer Balanced Fund	6,581	5,662
Invested for other restricted purposes		
Cash and cash equivalents	65,537	32,552
TD Global Equity Investments	729	675
	<u>66,266</u>	<u>33,227</u>
	<u>\$206,666</u>	<u>\$151,778</u>

4. Capital assets:

April 30, 2021 (000's)	Cost	Accumulated amortization	Net book value
Land	\$54,800	\$-	\$54,800
Buildings	666,587	268,868	397,719
Furnishings and equipment	81,009	53,910	27,099
Library books	46,032	43,939	2,093
	\$848,428	\$366,717	\$481,711

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

Included in buildings and furnishings and equipment is \$76,682,000 (2020 – \$30,329,000) of construction in progress that was not amortized during the year.

As of April 30, 2021, the University has a land and building asset held for sale. The University has a signed agreement and ownership is expected to transfer in August 2021. The net book value of the land and building asset is \$2,145,000.

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

(000's)	2021	2020
Balance, beginning of year	\$441,828	\$422,355
Purchase of capital assets funded by deferred capital contributions	6,007	2,970
Purchase of capital assets internally financed	(11,634)	23,911
Purchase of capital assets financed by proceeds of long term debt	72,261	14,330
Sale of Land	(4,890)	-
Amortization of capital assets	(21,861)	(21,738)
Balance, end of year	\$481,711	\$441,828

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)	2021	2020
Balance, beginning of year	\$9,600	\$8,350
Grants, donations and other expendable funds received	14,173	12,789
Amounts recorded as revenue during the year	(11,529)	(11,539)
Balance, end of year	\$12,244	\$9,600

6. Long-term debt:

(000's)	2021	2020
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	\$6,284	\$6,894
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	4,987	5,472
Roy and Lois Cairns Health and Bioscience Research Complex:		
4.69% mortgage loan with monthly blended payments of principal and interest of \$159, due June 29, 2022	21,624	22,491
Student Experience Projects:		
2.49% interest only payments with the principal repayable in full on or before June 3, 2024	14,400	14,400
	47,295	49,257
Less current portion	(2,085)	(1,962)
	\$45,210	\$47,295

Debt maturities:

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

(000's)	
2022	\$2,085
2023	21,978
2024	1,358
2025	15,859
2026	1,567
Thereafter	4,448
	\$47,295

(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, 2021. 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, 2021 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 Roy and Lois Cairns 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 \$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)	2021		2020	
	Notional value	Fair value	Notional value	Fair value
Roy and Lois Cairns Health and Bioscience Research Complex	\$21,624	\$22,535	\$22,491	\$24,025
Student Experience Projects	14,400	14,894	14,400	15,189
	\$36,024	\$37,429	\$36,891	\$39,214

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)	2021	2020
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	(2,616)	(2,668)
Debenture payable, bearing interest at 3.033%, \$1,896 payable interest only semi-annually, due May 17, 2060	125,000	-
Deferred refinancing expenses	(512)	(150)
	\$214,872	\$90,182

The fair value of the debenture payable due December 14, 2045 is \$116,427,630 (2020 – \$129,055,170). Fair value has been determined using the market quote of the debenture which as at April 30, 2021 was \$125.19 (2020 – \$138.77).

The fair value of the debenture payable due May 17, 2060 is \$114,143,750. Fair value has been determined using the market quote of the debenture which as at April 30, 2021 was \$91.32.

The University has established an internal sinking fund and purchased units in the Mawer Balanced Fund with a market value of \$8,842,724 (2020 – \$7,606,827). 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.

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)	2021	2020
Balance, beginning of year	\$196,338	\$201,201
Less amortization of deferred capital contributions	(7,902)	(8,239)
Add contributions restricted for capital purposes	5,788	3,376
Balance, end of year	\$194,224	\$196,338

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

(000's)	2021	2020
Unamortized capital contributions used to purchase assets	\$193,058	\$194,952
Unspent capital contributions	1,166	1,386
	\$194,224	\$196,338

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 January 1, 2020. The next required actuarial funding valuation will be completed on or before January 1, 2023.

The University measured its accrued benefit obligation and fair value of plan assets for accounting purposes as at April 30, 2021. A summary of the financial status of the plan is as follows:

(000's)	2021	2020
Accrued benefit obligation	\$635,780	\$574,150
Fair value of plan assets	636,581	576,233
Accrued benefit asset	\$801	\$2,083

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

	2021	2020
Discount rate on defined benefit costs	5.30%	5.45%
Rate of compensation increases	2.80% – 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)	2021	2020
Current service cost (defined contribution)	\$12,639	\$12,430
Current service cost (defined benefit)	1,829	1,912
Unfunded liability (going concern)	1,741	1,939
Total	\$16,209	\$16,281

(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, 2021.

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

(000's)	2021	2020
Accrued benefit obligation	\$30,501	\$31,659
Fair value of plan assets	-	-
Accrued benefit liability	\$30,501	\$31,659

The University established an internally restricted reserve (note 12) for employee future benefits of \$8,168,000 (2020 – \$7,249,000).

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

	2021	2020
Discount rate	2.80% – 3.50%	2.50% – 3.20%
Prescription drug costs	7.15% (2020 – 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)	2021	2020
Non-pension defined benefit plans	\$4,651	\$5,325
Non-pension benefit plans	729	675
Total	\$5,380	\$6,000

10. Endowments:

(a) Change in endowment net assets:

The following were recorded directly to endowment net assets:

(000's)	2021	2020
Contributions restricted for endowments	\$3,112	\$1,352
Investment income	6,272	4,633
Internally allocated for endowment spending	(3,091)	(2,929)
Unrealized gain (loss)	13,621	(6,186)
	\$19,914	\$3,130

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)	2021	2020
Externally endowed	\$115,104	\$96,324
Internally endowed	8,706	7,572
	\$123,810	\$103,896

(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)	2021	2020
Expendable funds available for awards, beginning of year	\$1,826	\$1,701
Investment income eligible for expenditures	735	565
Bursaries awarded	(464)	(440)
Expendable funds available for awards, end of year	\$2,097	\$1,826
Total OSOTF, Phase One, end of year	\$12,705	\$12,080
Number of bursaries awarded	130	130

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

(000's)	2021		2020	
	Market	Book	Market	Book
Endowment balance, beginning of year	\$13,984	\$10,255	\$14,523	\$10,052
Unrealized (loss) gain for the year	1,611	-	(742)	-
Investment income less bursaries awarded	354	354	203	203
Endowment balance, end of year	\$15,949	\$10,609	\$13,984	\$10,255

(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)	2021	2020
Expendable funds available for awards, beginning of year	\$900	\$854
Investment income eligible for expenditures	286	220
Bursaries awarded	(124)	(174)
Expendable funds available for awards, end of year	\$1,062	\$900
Total OSOTF, Phase Two, end of year	\$5,140	\$4,846
Number of bursaries awarded	31	31

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

(000's)	2021		2020	
	Market	Book	Market	Book
Endowment balance, beginning of year	\$5,363	\$3,946	\$5,579	\$3,872
Unrealized (loss) gain for the year	623	-	(290)	-
Investment income less bursaries awarded	132	132	74	74
Endowment balance, end of year	\$6,118	\$4,078	\$5,363	\$3,946

(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.

Schedule of Changes in Expendable Funds Available for Awards:

(000's)	2021	2020
Expendable funds available for awards, beginning of year	\$5,338	\$5,010
Investment income eligible for expenditures	1,563	1,202
Bursaries awarded	(726)	(874)
Expendable funds available for awards, end of year	\$6,175	\$5,338
Total OTSS, end of year	\$28,601	\$27,028
Number of bursaries awarded	383	543

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

(000's)	2021		2020	
	Market	Book	Market	Book
Endowment balance, beginning of year	\$29,721	\$21,688	\$30,887	\$21,277
Unrealized (loss) gain for the year	3,418	-	(1,577)	-
Investment income less bursaries awarded	736	736	411	411
Endowment balance, end of year	\$33,875	\$22,424	\$29,721	\$21,688

11. Net assets invested in capital assets:

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

(000's)	2021	2020
Capital assets, net (note 4)	\$481,711	\$441,828
Less amounts financed by:		
Long-term debt (note 6)	(32,895)	(49,257)
Deferred capital contributions (note 8)	(193,058)	(194,952)
Debenture payable (note 7)	(186,327)	(83,961)
Cash and cash equivalents held for future capital projects (note 2)	17,489	1,783
Balance, end of year	\$86,920	\$115,441

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

(000's)	2021	2020
Repayment of long-term debt	\$1,962	\$1,967
Purchase of capital assets internally financed (note 4)	(11,634)	23,911
Debt repayment transfer	-	7,856
Increase in invested in capital assets	(9,672)	33,734
Amortization expense	(21,861)	(21,738)
Less amortization of deferred capital contributions	7,902	8,239
Sale of land	(4,890)	-
Decrease in invested in capital assets	(18,449)	(13,499)
Net change in invested in capital assets	\$(28,521)	\$20,235

12. Internally restricted net assets:

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

(000's)	2021	2020
Capital and infrastructure projects and reserves	\$16,537	\$(2,769)
Operating project accounts	8,217	5,497
Research funds with no external obligations	3,395	2,566
Start-up funds	2,585	1,459
Professional expense reimbursement accounts	3,520	2,999
Sinking fund (note 7)	8,843	7,607
Employee future benefits reserve (note 9)	8,168	7,249
Debt repayment reserve	1,884	384
Contingency reserve	6,088	5,514
Strategic initiative fund	16,419	9,799
Encumbrance reserve	1,107	1,133
	\$76,763	\$41,438

13. Commitments:

- a) As at April 30, 2021, the estimated costs to complete approved capital and renovation projects are approximately \$14,414,000 (2020 – \$64,825,000), 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)	
2022	\$2,311
2023	2,311
2024	1,473
2025	1,193
2026	466
Thereafter	-
	\$7,754

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, 2021.

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, 2021, 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 \$4,379,000 (2020 – \$4,651,000), 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)	2021	2020
Revenues:		
Grant revenue	\$11,529	\$11,539
Grant revenue – central overhead	249	176
	11,778	11,715
Expenses:		
Salaries and benefits	3,064	2,888
Operating expenses	3,757	4,622
Scholarships, fellowships and bursaries	2,992	2,754
Expendable equipment, repairs and maintenance	1,965	1,451
	11,778	11,715
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, 2021 is \$4,648,940 (2020 – \$5,332,268).

(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 \$16,375,000 USD (2020 – \$11,007,000 USD). At April 30, 2021 there is an approximate \$117,000 unrealized foreign exchange gain 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).

(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.

19. COVID-19:

On March 11th, 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 faculty, staff and students and moved to online education format in March 2020 based on recommendations from Public Health. The spring 2020 semester was moved to an online format and subsequently the entire 2020-21 academic year remained mostly in the same online format with some exceptions where access to campus facilities were required.

As a result of the pandemic, the University experienced significant revenue losses, mainly from Ancillary Operations as faculty, staff and students were mostly working off campus in accordance with Public Health guidelines. The University was successful in mitigating revenue losses with expenditure reductions and program deferrals. The University also received a significant one-time COVID-19 relief grant from the Province of Ontario (\$7.9 million) to address additional costs and lost revenue related to the pandemic.

The University is currently planning for a phased return to campus in the fall of 2021 to coincide with the anticipated roll out the Province’s reopening plan. The University remains flexible to adapt to developing public health guidelines, including the possibility of continued remote learning and operations into 2021-22.

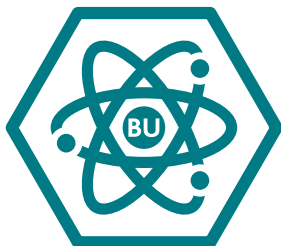
Management has assessed the going concern assumptions and believes there are no issues given the University has a strong working capital base and access to sufficient liquid resources to see through operations in the coming year.



INSTITUTIONAL STRATEGIC PRIORITIES



Student Experience



Research



Community Engagement



Inclusivity

Brock University
Niagara Region
1812 Sir Isaac Brock Way
St. Catharines, ON
L2S 3A1 Canada
905 688 5550

annualreport@brocku.ca

brocku.ca/finance