

2022-2023

# Annual Report

**Including financial statements**

**Brock**  
University

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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

Lesley Rigg, President and Vice-Chancellor

Dear Brock community,

I want to thank each and every one of you for helping to make this past year such a success. Your hard work, dedication and commitment to excellence help to create a vibrant and thriving learning environment for our students, and I am deeply grateful for everything that you do.

I'm thrilled to have joined such a dynamic and welcoming community here at Brock, and this annual report offers an opportunity to reflect on and celebrate all that has been accomplished over the past year.

Our exceptional student experience, services and supports continue to be ranked among the best in Canada, and our sports-related programs continue to be ranked among the top 100 in the world.

We completed the Brock-Niagara Validation, Prototyping and Manufacturing Institute, a collaborative hub connecting Brock researchers and students with industry partners in bioproducts, bioscience, bioagriculture and chemical manufacturing.

And the new Nursing Clinical Simulation Lab is helping nursing students gain valuable hands-on experience and further develop their skills and confidence as they prepare for clinical placements in the health-care field.

We've also had the opportunity to celebrate the continued generosity of Brock's supporters, including Chancellor Pearson and her husband Michael Sabia, whose \$500,000 gift will support women students and researchers working and studying in the fields of science, technology, engineering and math as well as aspiring entrepreneurs.

It certainly has been a fantastic year, and there's more to look forward to, including a celebration of Brock's 60th anniversary in 2024.

Thank you to the entire community for your hard work, dedication and continued stewardship of Brock's finances. The work you do allows us to continue to prioritize student success and research excellence while maintaining a sustainable financial position.



Land acknowledgement

*Brock University acknowledges the land on which we gather is the traditional territory of the Haudenosaunee and Anishinaabe peoples, many of whom continue to live and work here today. This territory is covered by the Upper Canada Treaties and is within the land protected by the Dish with One Spoon Wampum Agreement. Today this gathering place is home to many First Nations, Métis and Inuit peoples and acknowledging reminds us that our great standard of living is directly related to the resources and friendship of Indigenous people.* [brocku.ca/indigenous/](https://brocku.ca/indigenous/)

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)	Funding		NFPS		Funding	NFPS
	2022-23 Actual	2022-23 Budget	2022-23 Actual	2022-23 Budget	2021-22 Actual	2021-22 Actual
Revenue						
Student fees	187,658	204,268	187,616	204,777	188,064	187,773
Grant revenue	102,306	99,589	98,411	96,636	99,780	97,338
Internal chargebacks	11,605	11,980			7,346	
Inter-fund revenue	7,785	12,127			5,943	
Research revenue			13,973	12,695		13,173
Other revenue	63,702	62,176	79,753	68,326	50,256	63,736
Total revenues	373,056	390,140	379,753	382,434	351,389	362,020
Operating costs						
Personnel costs	(234,390)	(246,262)	(242,912)	(248,270)	(221,304)	(229,489)
Inter-fund expenses	(27,225)	(32,705)			(28,926)	
Other operating costs	(107,403)	(114,176)	(142,545)	(140,915)	(97,262)	(129,772)
Total operating costs	(369,018)	(393,143)	(385,457)	(389,185)	(347,492)	(359,261)
Mitigation target		3,003				
Surplus/(deficit) – before discretionary appropriations	4,038	-	(5,704)	(6,751)	3,897	2,759
Discretionary appropriations	(4,037)				(3,896)	
Surplus/(deficit) – after discretionary appropriations	1	-	(5,704)	(6,751)	1	2,759

Statement of operations metrics

Figure 2

By student headcount (\$000s)	Brock			Median <sup>(1)</sup>		Average <sup>(1)</sup>	
	April 2023	April 2022	April 2021	April 2022	April 2021	April 2022	April 2021
Student fees (primarily tuition)	9.78	9.62	9.46	10.00	9.46	9.89	9.44
Grant	6.12	5.92	6.07	10.49	9.67	10.83	10.50
Personnel costs	12.66	11.76	11.18	14.27	13.77	14.66	14.01
Scholarships	1.60	1.55	1.40	1.62	1.53	1.71	1.63
Interest on long-term debt	0.54	0.54	0.53	0.37	0.33	0.33	0.33
Investment income	0.35	0.08	0.24	0.34	0.80	0.52	1.00

(1) Calculated using financial information from 13 other comprehensive universities. Certain 2021 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

	Brock <sup>(1)</sup>			Median <sup>(2)</sup>		Weighted average <sup>(2)</sup>	
	April 2023	April 2022	April 2021	April 2022	April 2021	April 2022	April 2021
Primary reserve ratio	24.4%	25.7%	25.6%	26.8%	27.2%	42.3%	44.9%
Debt burden ratio	8.7% <sup>(3)</sup>	3.5%	3.7%	2.5%	2.6%	2.5%	2.5%
Interest burden %	2.9%	3.2%	3.4%	2.1%	1.5%	1.2%	1.7%
Interest coverage	2.68	2.98	3.00	3.22	4.48	3.79	5.19
Viability ratio	37.7%	38.8%	32.9%	88.5%	99.2%	112.6%	130.6%
Net operating revenues ratio	0.6%	2.4%	8.3%	8.8%	11.7%	6.5%	15.2%
Employee future benefits per student headcount (\$000s)	\$(0.60)	\$(1.32)	\$(1.09)	\$(1.97)	\$(1.24)	\$(2.78)	\$(2.35)
Endowment per student headcount (\$000s)	\$6.38	\$6.10	\$6.28	\$9.75	\$10.37	\$9.05	\$8.81

(1) Certain Brock 2022 metrics have been adjusted due to an update in reporting.  
(2) Calculated using financial information from 13 other comprehensive universities. Certain 2021 metrics have been updated due to revisions in certain universities' financial statements.  
(3) The \$20-million repayment of the Roy and Lois Cairns Health and Bioscience Research Complex loan during 2022-23 causes the one-time swing in this metric.

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





## Chair of the Board's message

Mark Arthur, Chair of the Board, Brock University

Dear Brock community,

As Chair of the Board of Trustees, I'm pleased to help introduce this year's annual report, which outlines the many great successes Brock has enjoyed over the last year.

I'd like to extend my sincerest thanks to all members of team Brock. Your commitment to delivering the country's top student experience, to research excellence, to stellar teaching and learning, and to fostering an equitable and inclusive environment is nothing short of inspiring.

Thanks to you, we have seen remarkable progress in many areas, with significant momentum carrying us into the new fiscal year.

I am so proud of the achievements we have made here at Brock. Thank you to all for your unwavering dedication and hard work. Together, we can accomplish great things.



## Chair of Senate's message

Don Cyr, Chair of Senate, Brock University

The academic year 2022-23 marked the return of students, faculty, and staff to the campus as pandemic restrictions were lifted, resulting in increased engagement and vibrancy. In August 2022, the institution happily announced Dr. Lesley Rigg as the new President and Vice-Chancellor of Brock University. Her appointment followed a diligent and successful search conducted by the Advisory Committee. The reappointment of Brock's Chancellor, Ms. Hilary Pearson, was also strongly endorsed by the University Senate.

Although students were back on campus, there are ongoing discussions about which aspects of online teaching and service delivery should be retained in the future. Many institutions are navigating this evolving landscape. This year, the Senate endorsed the purchase and implementation of an updated Learning Management System, which could provide greater flexibility in course delivery. These questions align with the priorities and initiatives outlined in Brock University's newly approved Academic Plan (2023-2028), which was endorsed by the University Senate in January 2023. The plan identifies specific actions under five thematic academic priority areas:

1. High-quality and meaningful educational experience
2. Accessible, flexible, and customizable education
3. Supportive and student-centred approach
4. Equitable, diverse, and inclusive environment
5. Future-oriented focus

Despite the sense of return, renewal, and new leadership, the University still faces financial challenges due to the continuing tuition freeze combined with rising inflation. Significant efforts have been made to ensure Brock remains financially stable. The University Senate collaborated with the administration and the Board of Trustees to pass a motion endorsing the University's 2023-24 budget, aligning it with the institution's academic policy.

Brock University's Senate maintains its commitment to rigorous program review, ensuring the quality of its programs and providing an excellent education across all levels. This year, several new and ongoing agreements were approved for collaborative programming and transfer credits with various Ontario colleges. These agreements offer innovative pathways for students to transition from college programs to degree programs at Brock.

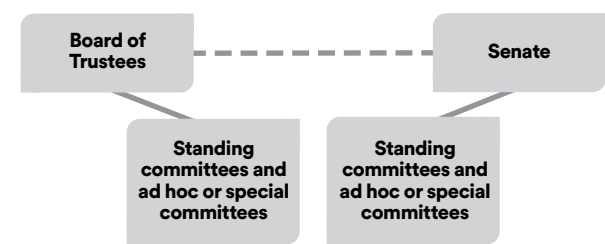




# Governance at Brock University

The University was incorporated in 1964 through The Brock University Act (the Act), a Statute of the Province of Ontario. The University is governed by the Act. The governance, conduct, management and control of the University's property and the conduct of its business affairs is vested in the Board of Trustees (the Board), while the Senate is responsible for the educational policy of the University. This bicameral system of governance is shown below.

Figure 4: The bicameral system of governance



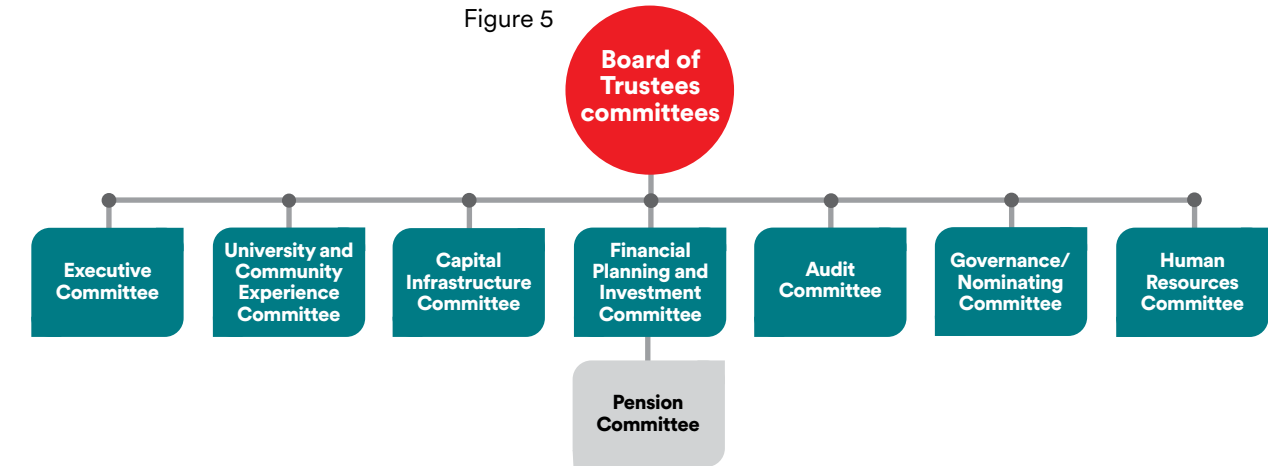
## Board of Trustees

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

## 2022-23 Board of Trustees members

- Réjeanne Aimey, Community Trustee
- Mark Arthur, Community Trustee, Chair of the Board
- Anteneh Ayanso, Faculty Trustee
- Greg Berti, Community Trustee
- Don Cyr, Faculty Trustee, Chair of Senate
- Jonathan Davey, Community Trustee
- Mary De Sousa, Community Trustee, Vice-Chair of the Board
- Arti Freeman, Community Trustee
- Yasmine Hejazi, Student Trustee, Co-President and Vice-President, Student Services, Brock University Students' Union
- Nyarayi Kapisavanhu, Community Trustee
- Kristian Knibutat, Community Trustee
- Brian Lang, Community Trustee
- Kevin Magee, Community Trustee
- Dan Malleck, Faculty Trustee
- Matthew Melnyk, Staff Trustee
- Anne McCourt, Community Trustee
- Trecia McLennon, Staff Trustee
- Haley Myatt, Student Trustee, President, Brock University Graduate Students' Association
- Hilary Pearson, Chancellor
- Greg Plata, Community Trustee
- Lesley Rigg, President and Vice-Chancellor
- JoAnna Roberto, Community Trustee
- Christine Sawchuk, Community Trustee
- Stephanie Thompson, Community Trustee
- Robert Welch, Community Trustee
- Debbie Zimmerman, Community Trustee

Figure 5



# Senate

As of the time of preparation of this report, the Senate consists of 72 members, including 38 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 24 ex officio members of the Senate.

## 2022-23 Senate members

### Members ex officio

- Hilary Pearson (Chancellor)
- Lesley Rigg (President and Vice-Chancellor)
- Lynn Wells (Provost and Vice-President, Academic)
- Tim Kenyon (Vice-President, Research)
- Jennifer Guarasci (Vice President, Administration)
- Brian Power (Vice-Provost and Associate Vice-President, Academic)
- Suzanne Curtin (Vice-Provost, Graduate Students and Dean, Faculty of Graduate Studies)
- Robyn Bourgeois (Vice-Provost, Indigenous Engagement)
- Rajiv Jhangiani, (Vice-Provost, Teaching and Learning)
- Peter Berg (Dean, Faculty of Mathematics and Science)
- Barry Wright (Dean, Goodman School of Business)
- Ingrid Makus (Dean, Faculty of Social Sciences)
- Carol Merriam (Dean, Faculty of Humanities)
- Peter Tiidus (Dean, Faculty of Applied Health Sciences)
- Mary Louise Vanderlee (Dean, Faculty of Education, Interim)
- Geraldine Jones (Registrar & Associate Vice-President, Enrolment Services) (non-voting)
- Mark Robertson (University Librarian)
- Mark Arthur (Chair, Board of Trustees)
- Brad Clarke (Associate Vice-President, Students)
- Andrea LePage (Co-President and Vice-President, Finance and Administration, Brock University Students' Union)
- Christopher Yendt (Alumni Association Representative)
- Thomas Winger (President, Concordia Seminary)
- Haley Myatt (President, Graduate Students' Association) (non-voting)
- TBC (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

- Anteneh Ayanso (GSB)
- Michael Bidochka (FMS)
- Irene Blayer (FOH)
- Alison Braley-Rattai (FOSS)
- Jonah Butovsky (FOSS)
- Christine Carpenter-Cleland (FMS)
- Rosemary Condillac (FOSS)
- Maureen Connolly (FAHS)
- Don Cyr, Chair (GSB)
- Drew Dane (FOSS)
- Sheng Deng (GSB)
- Tim Dun (FOSS)
- Faye Elayan (GSB)
- Amy Friend (FOH)
- Dawn Good (FOSS)
- Nicholas Hauck (FOH)
- David Hutchison (FOE)
- Nota Klentrou (FAHS)
- Kelli-an Lawrance (FAHS)
- Jingyu Li (GSB)
- Dan Malleck (FAHS)
- Francine McCarthy (FMS)
- Richard Mitchell (FOSS)
- Tim Murphy (FOSS)
- Roberto Nickel (FOH)
- Unyong (Howard) Pyo (GSB)
- Monica Rettig (Library)
- Larry Savage, Vice-Chair (FOSS)
- R. Angus Smith (FOH)
- Kirsty Spence (FAHS)
- Tek Thongpapanl (GSB)
- Dawn Trussell (FAHS)
- Francine Vachon (GSB)
- Terrance Wade (FAHS)
- Michelle Webber (FOSS)
- Shannon Welbourn (FOE)
- Jonathan Younker (Library)
- Dawn Zinga (FOSS)

## Representatives of the Board of Trustees

- JoAnna Roberto
- Christine Sawchuk

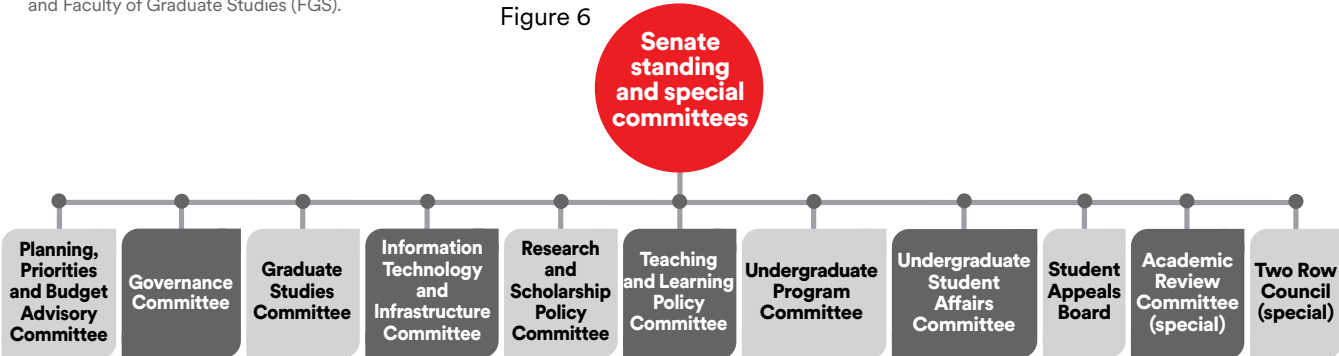
## Undergraduate student representatives

- Emmeline Berger
- Cassandra Carlson
- Carleigh Charlton
- Alyan Hassan
- Daniel Krowchuk
- Isabella McLaughlin

## Graduate student representatives

- Alex Wilder
- Rakha Zabin

Figure 6





# Institutional Strategic Plan

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

## Vision

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

## Mission

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

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

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

## Strategic priorities

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

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

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

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

Our research focus is central to our identity. Brock will invest in building a world-leading research institution that is grounded in scholarly excellence and strong graduate and 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.

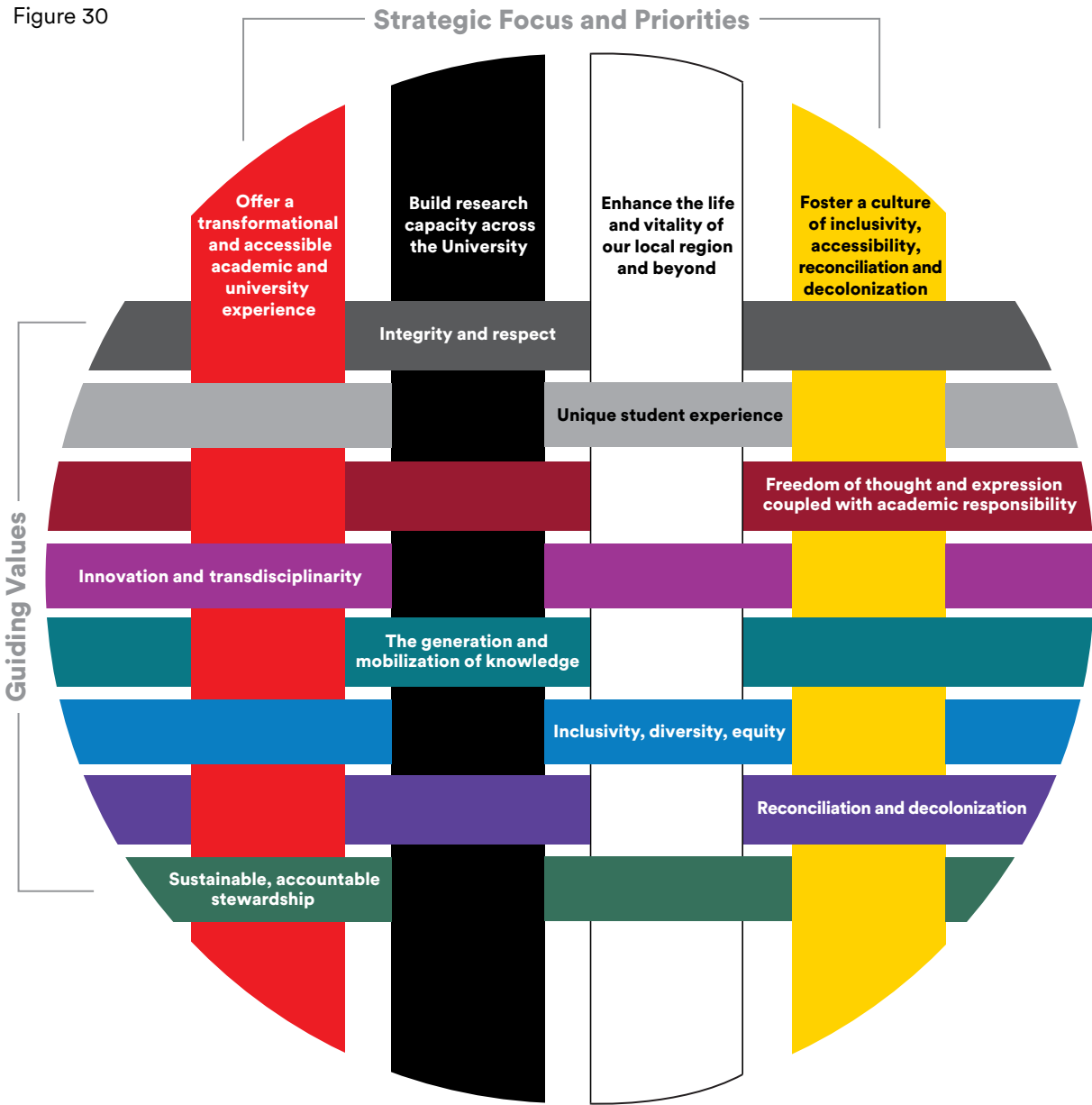
**Strategic priority: Foster a culture of inclusivity, accessibility, reconciliation and decolonization**

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<sup>(1)</sup>

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.



Figure 7

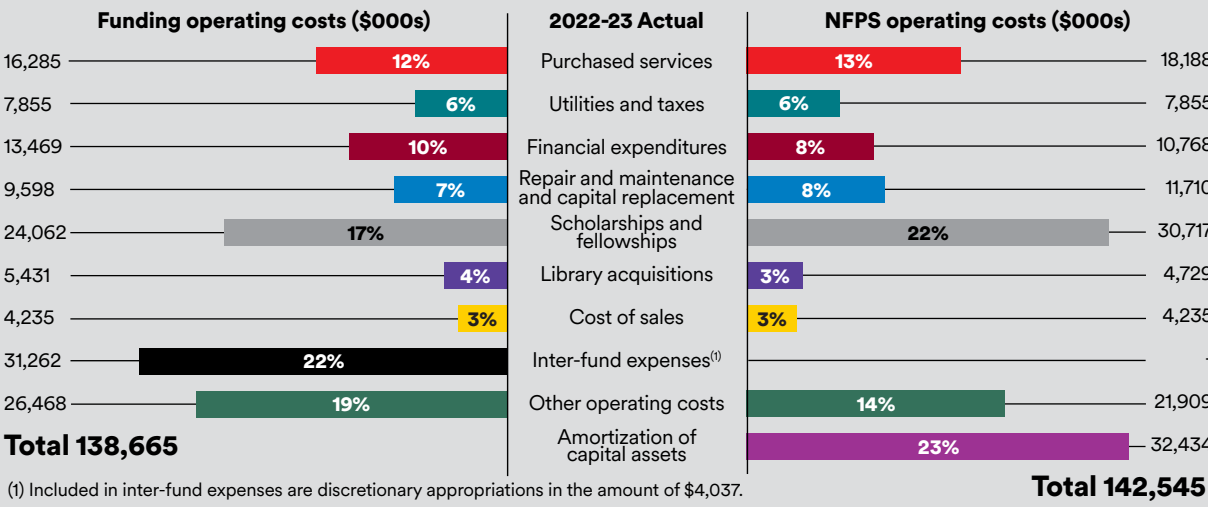


Figure 8

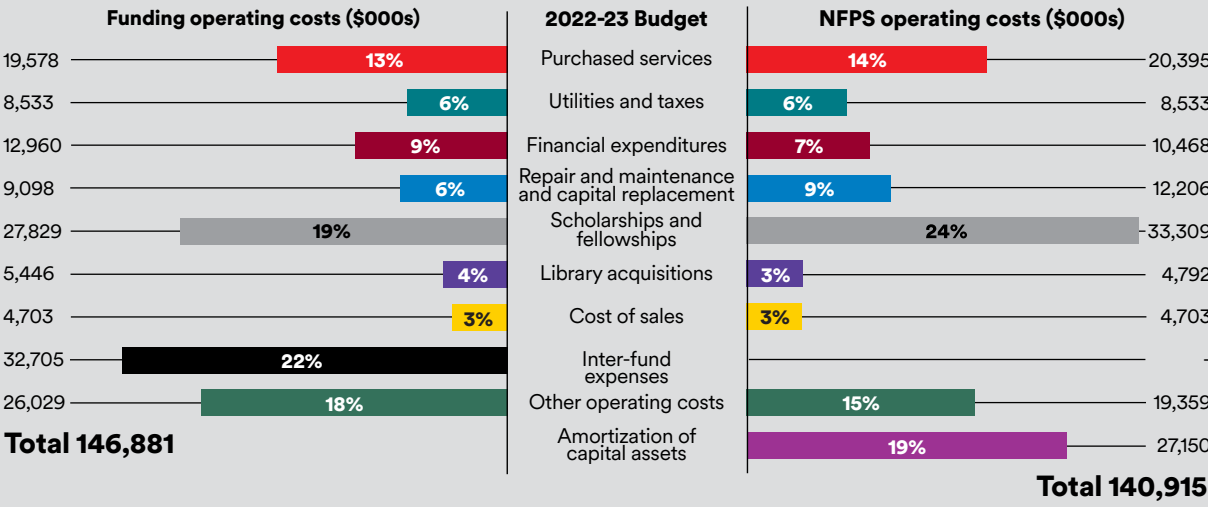


Figure 9: Personnel costs by group

Personnel group <sup>(1)</sup> (\$000s)	2022-23 Actual			2022-23 Budget		
	Salary/wage	Benefits	Total personnel costs	Salary/wage	Benefits	Total personnel costs
Faculty and Professional Librarians	92,929	18,581	111,510	96,781	21,515	118,296
Admin/professional	48,064	12,480	60,544	52,155	14,083	66,238
OSSTF	6,824	2,124	8,948	7,858	2,473	10,331
CUPE 1295 FT	7,778	2,373	10,151	7,154	2,474	9,628
SAC	7,312	1,424	8,736	6,693	1,438	8,131
Other ongoing personnel	840	233	1,073	779	218	997
<b>Total ongoing personnel</b>	<b>163,747</b>	<b>37,215</b>	<b>200,962</b>	<b>171,420</b>	<b>42,201</b>	<b>213,621</b>
CUPE 4207 Unit 1	15,250	1,777	17,027	15,200	1,733	16,933
Other temporary personnel	15,138	1,263	16,401	14,627	1,081	15,708
<b>Total temporary personnel</b>	<b>30,388</b>	<b>3,040</b>	<b>33,428</b>	<b>29,827</b>	<b>2,814</b>	<b>32,641</b>
<b>Total – funding basis</b>	<b>194,135</b>	<b>40,255</b>	<b>234,390</b>	<b>201,247</b>	<b>45,015</b>	<b>246,262</b>
<b>Adjustments to NFPS (See page 61 for discussion of adjustments)</b>						
Employee future benefits adjustment <sup>(2)</sup>	679	679		(1,707)	(1,707)	
Internal restricted funds and research personnel costs <sup>(3)</sup>	6,737	1106	7,843	3,230	485	3,715
<b>Total – NFPS basis</b>	<b>200,872</b>	<b>42,040</b>	<b>242,912</b>	<b>204,477</b>	<b>43,793</b>	<b>248,270</b>

(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, & 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 2022-23 of \$679,000 is the difference between payments made for employee future benefits and the net change in the obligation. The employee future benefits adjustment for budget 2022-23 actually adds two adjustments – \$244,000 and \$1463,000. Refer to adjustment 10 and 11 on page 91 of the 2022-23 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: course fees, capital and infrastructure projects and reserves, operating project accounts, research funds with no external obligations, start-up funds, professional expense reimbursement accounts, the external research fund and non-endowed trust accounts.

Figure 10: Fall 2022 undergraduate students by permanent country of residence (%)

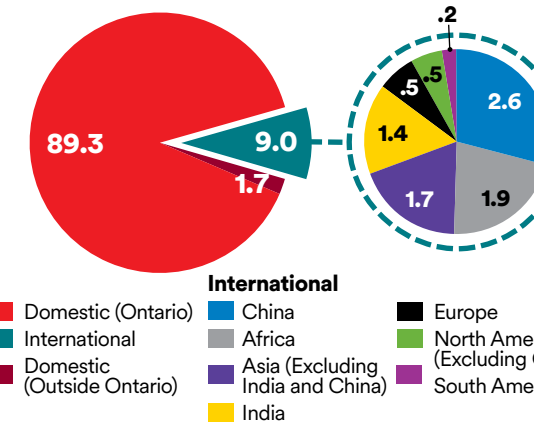


Figure 11: Fall 2022 graduate students by permanent country of residence (%)

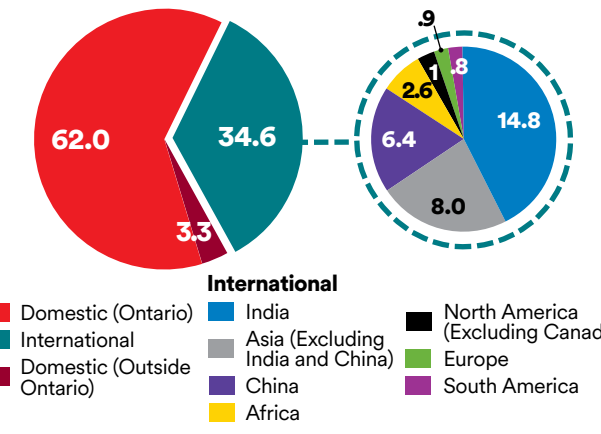
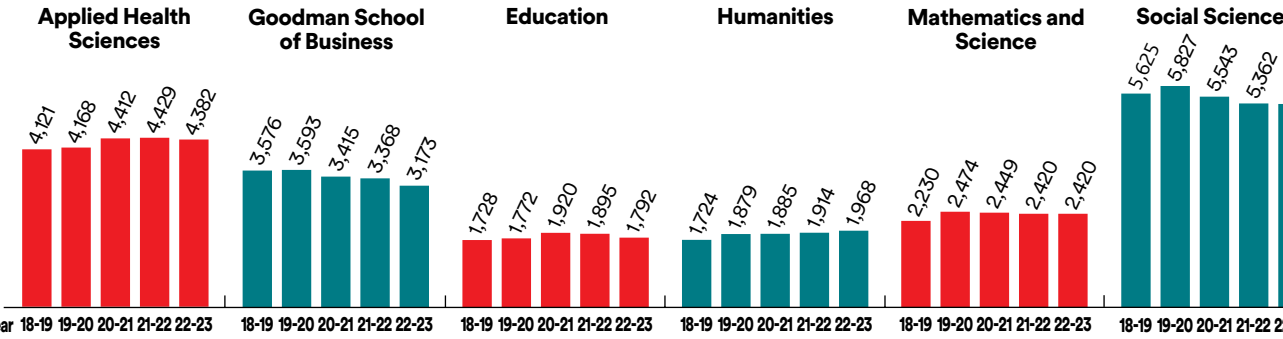
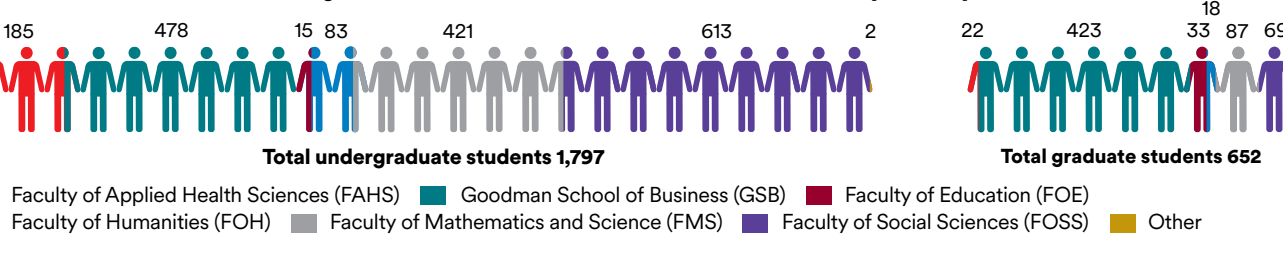
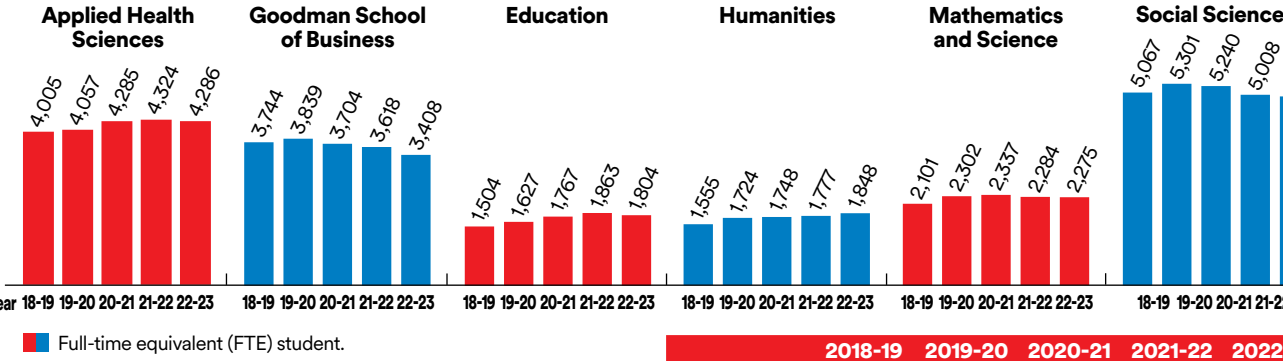


Figure 12: 2022 international student headcount by Faculty



	2018-19	2019-20	2020-21	2021-22	2022-23
Undergraduate (FT)	14,980	15,519	15,324	15,220	15,295
Undergraduate (PT)	2,306	2,270	2,448	2,433	2,103
Graduate (FT)	1,493	1,660	1,637	1,617	1,558
Graduate (PT)	333	347	314	243	233
<b>Total</b>	<b>19,112</b>	<b>19,796</b>	<b>19,723</b>	<b>19,513</b>	<b>19,189</b>

Note: the table above also includes 'No Faculty' (i.e. auditing and non-degree) enrolment.



	2018-19	2019-20	2020-21	2021-22	2022-23
Undergraduate	16,409	17,099	17,407	17,237	17,003
Graduate	1,614	1,783	1,724	1,697	1,636
<b>Total</b>	<b>18,023</b>	<b>18,882</b>	<b>19,131</b>	<b>18,934</b>	<b>18,639</b>

Note: the table above also includes 'No Faculty' (i.e. auditing and non-degree) enrolment.

Figure 15: Self-identified Indigenous applicants and registrants

	Applicants	Registrants
2019-20	251	69
2020-21	214	52
2021-22	218	67
2022-23	241	63

Source: Power BI Admissions on March 6, 2023.

Figure 16: Full-course equivalents (FCE) offered in 2022-23 (%)



Figure 17: Students who received OSAP in 2022-23 (%)



Figure 18: 2022-23 undergraduate programs average entering grade (%)

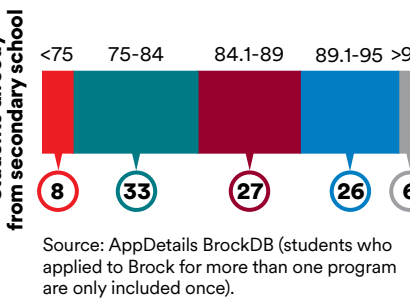


Figure 19: 2022-23 undergraduate programs entering average grade by Faculty (%)

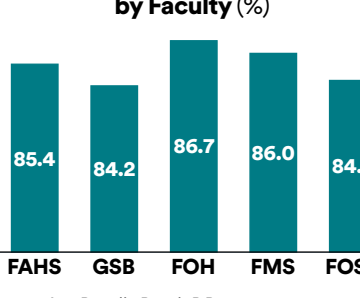


Figure 20: Brock mean entering average of new students directly from secondary school (%)

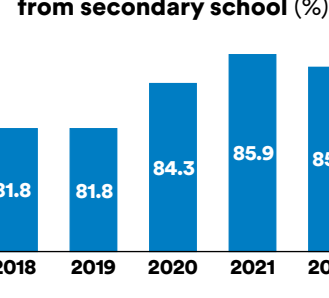


Figure 23: 2019-20 to 2023-24 Parking Services revenue

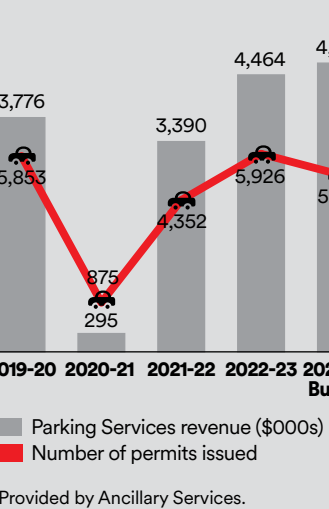


Figure 24: 2019-20 to 2023-24 Campus Store revenue

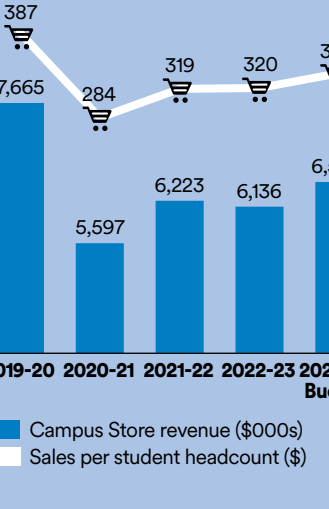


Figure 25: 2019-20 to 2023-24 Residence revenue

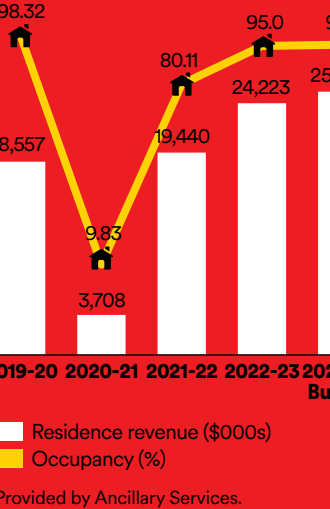
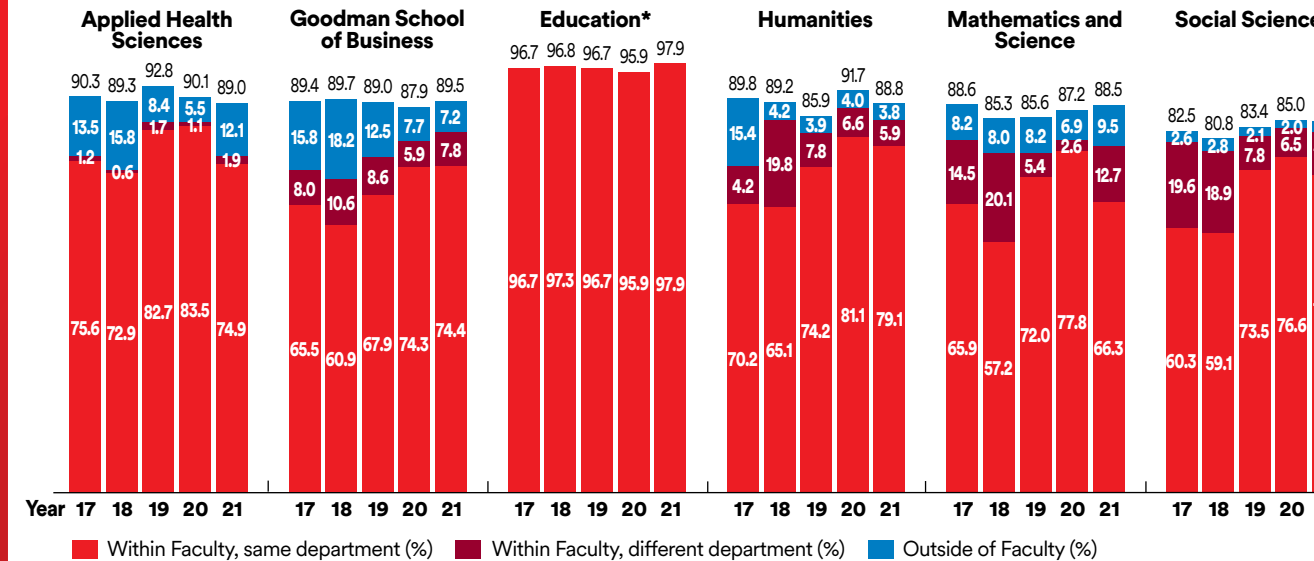
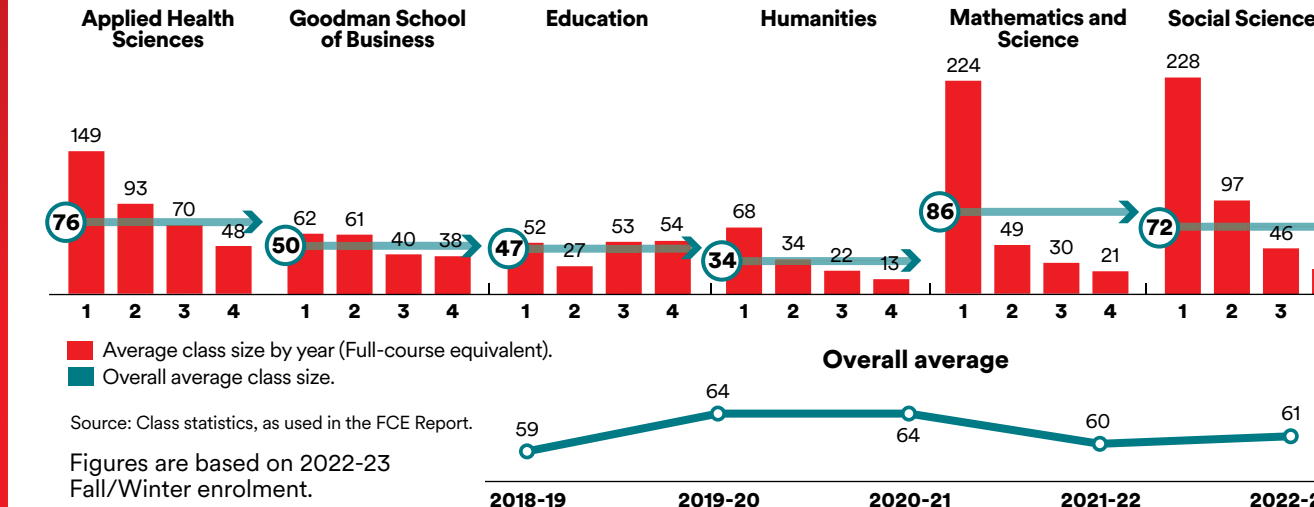


Figure 21: Undergraduate average class size by Year



\*Represents Teacher Education only. Source: Consortium for Student Retention Data Exchange (CSRDE).

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).

Figure 26: 2019-20 to 2022-23 donations (\$000s)

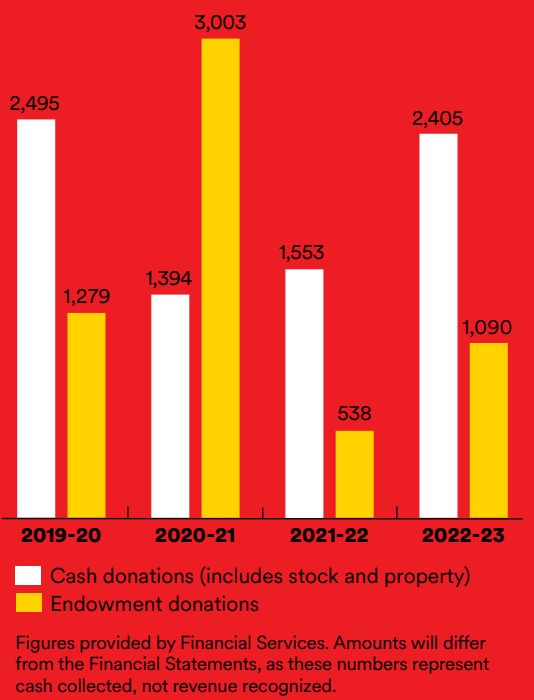


Figure 27: 2017-18 to 2022-23 co-op programs and enrolment

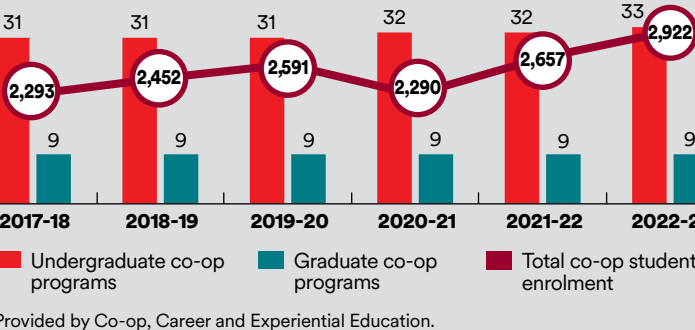


Figure 28: 2017-18 to 2021-22 external research grants – cash received (\$000s)<sup>(1)</sup>

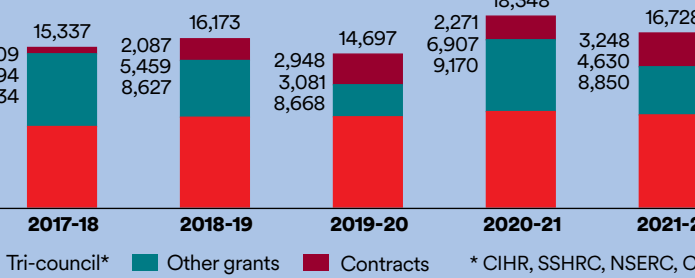
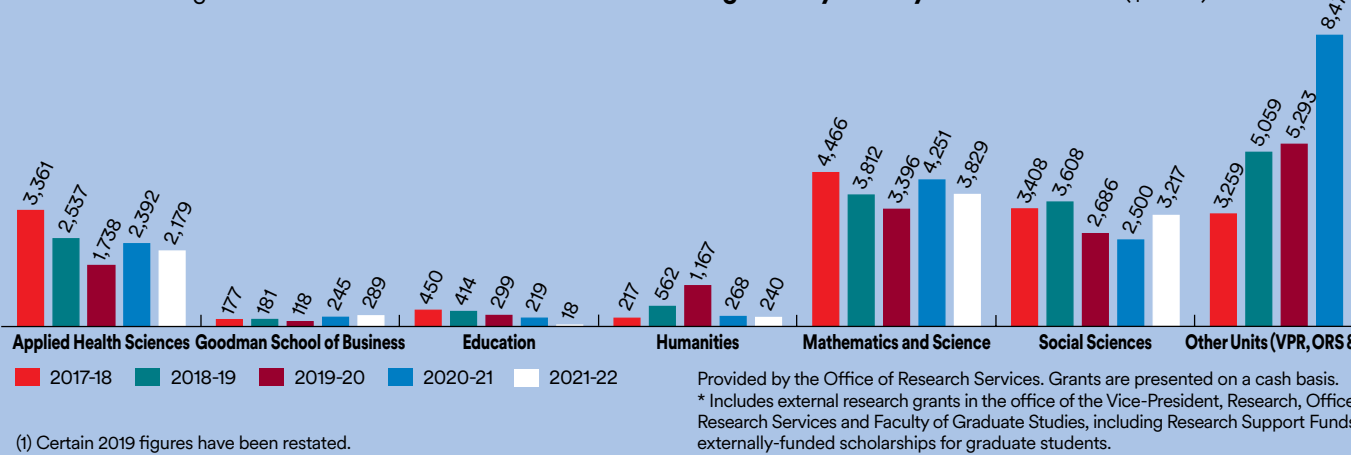


Figure 29: 2017-18 to 2021-22 external research grants by Faculty – cash received (\$000s)<sup>(1)</sup>







# 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.



## Engineering

**Shahryar Rahnamayan begins his role as Chair of Brock University’s Yousef Haj-Ahmad Department of Engineering**

Brock will welcome it’s first cohort of undergraduate Integrated Engineering students for the 2024-25 academic year. Integrated engineering takes key concepts from traditional engineering fields – such as mechanical, software and electrical – and brings them together into a single coherent program where students learn about each field as well as the connections among them. Some topic examples are, machine learning, artificial intelligence, medical devices, energy, sustainability and climate change, robot automation, manufacturing and transportation.  
[brocku.ca/brock-news/2022/10/brock-engineering-welcomes-new-chair-as-program-development-continues/](https://brocku.ca/brock-news/2022/10/brock-engineering-welcomes-new-chair-as-program-development-continues/)



## A legacy

**First double degree grads from Reutlingen University leave legacy to help future students**

On June 16, 2022, Carina Hohenadel (left), Julia Gralka and Elke Neumann graduated from Brock’s Goodman School of Business. They were the first students to complete their studies in the program that consists of two years at Brock and two years, at their home in Germany, at Reutlingen University ESB Business School, as part of the International Partnership of Business Schools (IPBS) network. They left their mark at Brock by creating the Goodman IPBS Club. A social networking club that helps students from overseas or about to head to their partner school to meet, learn about the traditions and cultures of their host country, and hear from program alumni about life after graduation.  
[brocku.ca/brock-news/2022/06/first-double-degree-grads-from-reutlingen-university-leave-legacy-to-help-future-students/](https://brocku.ca/brock-news/2022/06/first-double-degree-grads-from-reutlingen-university-leave-legacy-to-help-future-students/)



## Micro-credentials

**CCOVI offering Ontario’s first micro-credentials in winemaking, cider production**

Brock University launched Ontario’s first winemaking and cider production micro-credentials. Brock’s Cool Climate Oenology and Viticulture Institute (CCOVI) received approval from the Ministry of Colleges and Universities for two continuing education offerings, Foundations in Winemaking and Cider and Perry Production: A Foundation, which are eligible for Ontario Student Assistance Program (OSAP) funding that began in fall 2022. These represent the first OSAP-eligible micro-credentials at Brock. They include hands-on elements such as product development, lab skills, sensory evaluation, and wine or cider making production techniques.  
[brocku.ca/brock-news/2022/07/ccovi-to-offer-ontarios-first-micro-credentials-in-winemaking-cider-production/](https://brocku.ca/brock-news/2022/07/ccovi-to-offer-ontarios-first-micro-credentials-in-winemaking-cider-production/)

# Celebrating our people

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



**Brock Nursing experiencing unprecedented growth**

International Nurses Day, themed ‘Nurses: A Voice to Lead,’ was held May 12, 2022. Brock Nursing acknowledged the contributions of its faculty, staff, students and alumni while also celebrating a significant expansion of the 21-year-old department. “We have grown exponentially this year,” says Department of Nursing Chair Karyn Taplay. “Everyone connected to our program stepped up immensely to help make this year of transition a success; all are to be congratulated.” With demand soaring, Brock has increased undergraduate intake from 80 to 180 students who started in fall 2022.

[brocku.ca/brock-news/2022/05/brock-nursing-experiencing-unprecedented-growth/](https://brocku.ca/brock-news/2022/05/brock-nursing-experiencing-unprecedented-growth/)



Brock University Nursing students Anna Khutornaya (left) and Gabrianne Webster (right) work with a patient simulator in one of the University’s Nursing labs on the St. Catharines campus.

**Brock mainstage production puts human behaviour, climate crisis in spotlight**

Brock University’s Department of Dramatic Arts (DART) invited the community to experience a journey through time and place in AnthroScene. The fall 2022 mainstage production explored how the alienation that results from humans’ supremacist behaviour towards one another contributes to the climate crisis, as well as engages the ethics of theatricalizing the present climate emergency. AnthroScene playfully mingled elements of Shakespeare’s *The Tempest*, real-life figures including Toussaint L’Ouverture and various youth climate justice activists, and fictional characters across multiple locations and time periods.

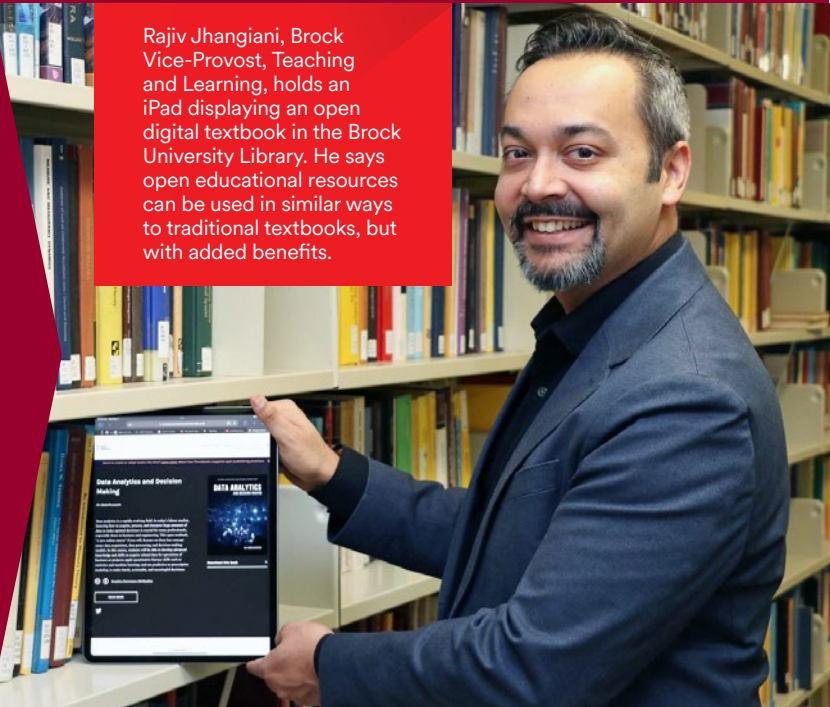
[brocku.ca/brock-news/2022/10/brock-mainstage-production-puts-human-behaviour-climate-crisis-in-spotlight/](https://brocku.ca/brock-news/2022/10/brock-mainstage-production-puts-human-behaviour-climate-crisis-in-spotlight/)



**New grant program to support faculty adoption of open educational resources**

A new open educational resources (OER) adoption grant program will support Brock University faculty who wish to replace expensive commercial textbooks with free open learning materials that are more accessible and affordable to students. The news came during International Open Education Week, and on the heels of Brock becoming the first university in Ontario to join the Open Education Network. The OER adoption grant program is funded by the Brock University Students’ Union (BUSU). It is estimated that funding could support at least 20 grants, which translates to an estimated overall savings for students of about \$250,000 in textbook fees every year.

[brocku.ca/brock-news/2023/03/new-grant-to-support-faculty-adoption-of-open-educational-resources/](https://brocku.ca/brock-news/2023/03/new-grant-to-support-faculty-adoption-of-open-educational-resources/)



Rajiv Jhangiani, Brock Vice-Provost, Teaching and Learning, holds an iPad displaying an open digital textbook in the Brock University Library. He says open educational resources can be used in similar ways to traditional textbooks, but with added benefits.

**Goodman students win top prize at national MBA Games**

For the first time in the event’s 33-year history, the MBA Games Queen’s Cup is heading to Brock University. A team of 16 graduate students representing the Goodman School of Business brought home the top honour at what is considered the largest Master of Business Administration competition in Canada. The event brings together the best of academia, industry and community. Co-captains Mourin Mostafiz and Moe Maruri led Goodman’s team at the competition hosted in Toronto Jan. 6 to 8 by York University’s Schulich School of Business.

[brocku.ca/brock-news/2023/01/goodman-students-win-top-prize-at-national-mba-games/](https://brocku.ca/brock-news/2023/01/goodman-students-win-top-prize-at-national-mba-games/)



**Resources and support**

**BIPOC Study Hall enhances academic resources and supports**

A new study hall service at Brock University is enhancing academic resources for students. Offered on Tuesday and Wednesday evenings, students who identify as Black, Indigenous and People of Colour (BIPOC) are invited to join Learning Services’ BIPOC Study Hall in the Student Success Centre. The service includes tutoring from fourth-year students who can assist participants with study habits and questions they might have as they tackle their assignments. The space also serves as a welcoming environment for those looking for a supportive venue to finish their work. Curriculum Development Specialist Ashley Grover said the twice-weekly gatherings are part of many ongoing efforts by Brock to address inequity in post-secondary learning, and were developed in collaboration with the University’s Hadiya’dagénhahs First Nations, Métis and Inuit Student Centre, and BIPOC Caucus.

[brocku.ca/brock-news/2022/11/bipoc-study-hall-enhances-academic-resources-and-supports/](https://brocku.ca/brock-news/2022/11/bipoc-study-hall-enhances-academic-resources-and-supports/)



**Bridging’ pathway provides new admissions options for prospective students**

A new admissions pathway at Brock University is building bridges to post-secondary studies for students who may not have previously qualified. Academic Bridging is a full-time, eight-month access-to-university pathway for applicants who lack the traditional academic qualifications for admission to Brock. The pathway is focused on non-matriculated students over the age of 21 and Convention refugees who can’t obtain transcript documentation. Brock’s Director of Admissions Christina Bosilo said the University recognized the need for a new pathway to admission for individuals who have a desire and motivation to pursue a university degree, but do not currently meet minimum criteria to apply.

[brocku.ca/brock-news/2022/05/bridging-pathway-provides-new-admissions-options-for-prospective-students/](https://brocku.ca/brock-news/2022/05/bridging-pathway-provides-new-admissions-options-for-prospective-students/)



**Master of Education program launches one-year online cohort**

Brock University’s Faculty of Education is launching a full-time online cohort of the Master of Education (MEd) program that will run for the 2023-24 academic year and focus on adult and post-secondary education. The new cohort offers an opportunity for those pursuing careers in adult or post-secondary education settings to enhance their credentials with a graduate degree no matter where they are in the world, with courses offered synchronously online and primarily in the evenings. The program will take approximately one year to complete and was developed based on interest from potential students and lessons learned during the COVID-19 pandemic.

[brocku.ca/brock-news/2022/12/master-of-education-program-launches-one-year-online-cohort/](https://brocku.ca/brock-news/2022/12/master-of-education-program-launches-one-year-online-cohort/)





### Marketing prof wins distinguished teaching competition

According to Kai-Yu Wang, individuals need to be versatile and willing to take on challenges in an ever-changing business world. As a result, the Professor and Chair of the Marketing, International Business and Strategy Department at the Goodman School of Business focuses on helping students develop key character traits in his courses to ensure their future success. This teaching philosophy and his contribution to marketing education recently saw him recognized as winner of the 2022 Society for Marketing Advances (SMA) Distinguished Teaching Competition. The Goodman scholar is the third Canadian professor to win the competition since its inception 24 years ago.

[brocku.ca/brock-news/2022/11/marketing-prof-wins-distinguished-teaching-competition/](https://brocku.ca/brock-news/2022/11/marketing-prof-wins-distinguished-teaching-competition/)



### Brock Makerspace helps enhance creativity in classrooms, labs

While it's home to a lot of creation, the Brock University Library Makerspace is helping to support innovation well beyond its walls. Makerspace projects are happening in classrooms and research labs, with people making use of the facility's emerging tools and technology. Brock faculty, staff and students are invited to consult with Makerspace staff on how to enhance personal and course-related projects or research initiatives using Makerspace technology. All equipment can be used in the Makerspace and some tools can be borrowed for extended periods of time. Additional learning resources, such as self-directed tutorials and an online tour of the Makerspace, are available on the Brock University Library Makerspace website.

[brocku.ca/brock-news/2022/05/brock-makerspace-helps-enhance-creativity-in-classrooms-labs/](https://brocku.ca/brock-news/2022/05/brock-makerspace-helps-enhance-creativity-in-classrooms-labs/)



## New programs/course offering highlights:

### Digital Marketing micro-credential – Goodman School of Business

Business owners and recent graduates looking to enhance their digital marketing skills can now do so through Brock's new Digital Marketing micro-credential. Delivered over eight weeks, the micro-credential will provide learners with an educational foundation in digital marketing along with practical experiences and the added benefits of live simulation tools and access to the e-commerce Shopify platform. [brocku.ca/brock-news/2023/01/digital-marketing-micro-credential-launched-at-brock/](https://brocku.ca/brock-news/2023/01/digital-marketing-micro-credential-launched-at-brock/)

### Foundations in Social Innovation Skills – Goodman School of Business

This new short course aims to teach skills needed to help address some of the world's most pressing problems. Delivered over four sessions, it will offer an introduction to different types of social innovation as well as the skills needed to become a socially innovative thinker. The course will focus on how to identify social innovation problems, the skills needed to address those issues and how to handle potential barriers to the social innovation process.

[brocku.ca/brock-news/2023/02/new-brock-course-to-help-community-tackle-social-innovation-challenges/](https://brocku.ca/brock-news/2023/02/new-brock-course-to-help-community-tackle-social-innovation-challenges/)

### Introduction to Data Science – Faculty of Mathematics and Science

As technology has evolved through the years, so have the skills many employers are looking for when they set out to hire new talent. With a proficiency in data science growing in demand, Brock University is launching a new introductory course that will be open to students from all disciplines. The new course will fill knowledge gaps and students will learn to make sense of the 'story' within data — an important skill in a world where social and digital media is often peppered with half truths and bad actors.

[brocku.ca/brock-news/2022/05/new-course-to-enhance-data-science-skills-for-students-in-all-disciplines/](https://brocku.ca/brock-news/2022/05/new-course-to-enhance-data-science-skills-for-students-in-all-disciplines/)

### Bachelor of Science in Data Science and Analytics – Faculty of Mathematics and Science and Goodman School of Business

The market for data science graduates is experiencing a shift. Employers now want staff who not only gather and clean data, but also analyze it and solve problems with what they find. Brock's new Bachelor of Science (BSc) in Data Science and Analytics, with Co-op option, was specifically crafted to fill that need. The result of a concerted effort between the Faculty of Mathematics and Science and the Goodman School of Business, Brock's program is one of only two BSc programs in Canada combining financial analytics with computational data science. The program will welcome its first cohort of students in fall 2023.

[brocku.ca/brock-news/2022/06/brock-launching-bachelor-of-science-in-data-science-and-analytics/](https://brocku.ca/brock-news/2022/06/brock-launching-bachelor-of-science-in-data-science-and-analytics/)

### Graduate Diploma in Game Studies – Faculty of Humanities

The course-based, interdisciplinary Graduate Diploma in Game Studies was developed to provide students with a well-rounded understanding of game studies and design. With a special focus on games for education, health and persuasion, the diploma program explores how principles of game studies and design can be used in non-gaming fields such as education, public policy and health care. The diploma offers a pathway to a graduate-level credential in Game Studies without producing a Thesis or Major Research Project. [brocku.ca/humanities/digital-humanities/graduate-diploma-in-game-studies/](https://brocku.ca/humanities/digital-humanities/graduate-diploma-in-game-studies/)



## Convocation back

### Legacy Convocation concludes with second day of celebrations

Brock University's Classes of 2020 and 2021 have now had their celebratory moment in the spotlight. More than 1,600 graduates returned to campus Oct. 12, and Oct. 13, 2022 to celebrate their achievements during Brock's legacy Convocation. With six ceremonies held over two days, the event was an opportunity for returning graduates to formally cross the Convocation stage with their loved ones present. Brock's legacy Convocation was followed by the University's 112th Convocation Oct. 14, when more than 1,000 new graduates received their degrees.

[brocku.ca/brock-news/2022/10/gallery-legacy-convocation-concludes-with-second-day-of-celebrations/](https://brocku.ca/brock-news/2022/10/gallery-legacy-convocation-concludes-with-second-day-of-celebrations/)

## Top ranking

### Brock sport-related programs again ranked among world's best

For the third consecutive year, Brock has been ranked among the top 100 universities in the world for its sport-related programs. The QS World University Rankings, released March 22, 2023, placed Brock's sport-related programs at ninth in Canada, including Kinesiology research (pictured above.) Brock is also ranked among the top universities in Canada for business and management studies. The QS World University Rankings compare more than 15,000 academic programs offered by more than 1,500 institutions around the world and rank them based on criteria such as academic reputation, employer reputation and research citations per paper.

[brocku.ca/brock-news/2023/03/brock-sport-related-programs-again-ranked-among-worlds-best/](https://brocku.ca/brock-news/2023/03/brock-sport-related-programs-again-ranked-among-worlds-best/)

## Open House

### Thousands of Badger hopefuls experience Open House

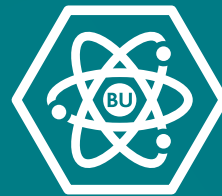
Open House is a significant event in Brock's recruitment calendar, which brings together faculty, staff and students from departments across the University, adding to the community feel Brock has become known for. Held on April 3, 2023, more than 4,000 people took in tours, demonstrations and various presentations focused on all that Brock has to offer. "This was our first in-person spring Open House since before the pandemic and we saw the event return neck and neck with our biggest years," says Matt Melnyk, Director of Student Recruitment. "You can really feel positive energy in the air at an event like this."

[brocku.ca/brock-news/2023/04/gallery-thousands-of-badger-hopefuls-take-in-brock-experience-at-open-house/](https://brocku.ca/brock-news/2023/04/gallery-thousands-of-badger-hopefuls-take-in-brock-experience-at-open-house/)

<https://youtu.be/8yvmEe7Alnk>



# 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.



## Niagara 2022 Canada Games remembered as first 'research Games'

Tim Kenyon, Brock's Vice-President, Research, and Julie Stevens, Special Advisor to the President – Canada Games, were among a group of people that envisioned the bold possibilities that a Brock-Canada Games partnership could bring to benefit the University, region and country. Kenyon created the VPR Canada Games Research Grants program, which supported Brock researchers and scholars in all departments and Faculties with grants of up to \$7,000 to undertake research or a creative activity in any discipline and on any topic that relates to the Canada Games. Over three years, 28 researchers from six Brock Faculties received funding for 30 research projects totalling more than \$198,000. For a list of research programs visit: [brocku.ca/brock-news/2022/08/niagara-2022-canada-games-to-be-remembered-as-first-research-games/](https://brocku.ca/brock-news/2022/08/niagara-2022-canada-games-to-be-remembered-as-first-research-games/)



## Graduate research projects awarded \$680,000 in federal funding

A group of 17 Brock graduate researchers have received \$680,000 in federal funding through competitions organized by the Social Sciences and Humanities Research Council (SSHRC). Research projects with topics of brain injuries, sustainable vineyard pest management, marginalized genders attaining managerial roles and the National Hockey League's organizational culture of hegemonic masculinity have all benefitted from the fall 2021 SSHRC funding. Among the list is first-time recipient Tia Greto (BA '21), a Psychology master's student in the Faculty of Social Sciences, who is examining substance use anti-stigma campaigns that disproportionately feature white, middle-class people who use drugs. For the 2022-23 SSHRC award recipients, visit: [brocku.ca/brock-news/2022/11/graduate-research-projects-awarded-785000-in-federal-funding/](https://brocku.ca/brock-news/2022/11/graduate-research-projects-awarded-785000-in-federal-funding/)

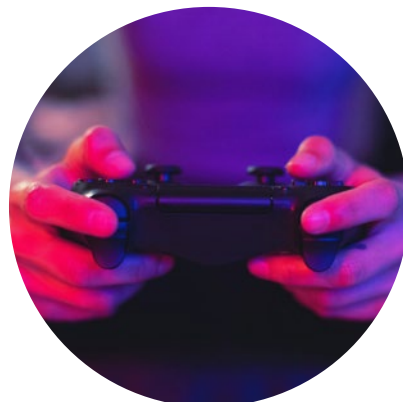


## Science lingo

### Brock team awarded NSERC funding for science communications

Brock's new Validation, Prototyping and Manufacturing Institute (VPMI) is aiming to bridge the gap between the jargon of science and the lingo of a general audience so that all can equitably access science information. With \$19,542 in funding from the Natural Sciences and Engineering Research Council of Canada (NSERC) announced May 19, 2022, Professor of Kinesiology and Health Sciences Wendy Ward, Associate Director of VPMI, is heading up a team that is creating "Mobilizing Science from the Lab to the Community." Scientists and industry-based researchers will be trained in the areas of podcasting, writing and producing graphics for the general public.

[brocku.ca/brock-news/2022/05/brock-team-awarded-nserc-funding-for-science-communications/](https://brocku.ca/brock-news/2022/05/brock-team-awarded-nserc-funding-for-science-communications/)



## 2S&LGBTQ+ youth

### Brock research exploring impact of 2S&LGBTQ+ representation on young gamers

Dane Di Cesare, the Assistant Professor in Brock's Faculty of Education says although 2S&LGBTQ+ representation is increasing in other media, such as movies and television, it remains limited in most video games, adding it is still often stereotypical, problematic or completely absent. That representation, and its influence on young gamers, is at the centre of his latest research project. Through LEVEL UP!, Di Cesare is exploring ways video games and gaming communities impact the well-being and identity development of 2S&LGBTQ+ youth aged 14 to 29.

[brocku.ca/brock-news/2022/06/brock-research-exploring-impact-of-2slgbtq-representation-on-young-gamers/](https://brocku.ca/brock-news/2022/06/brock-research-exploring-impact-of-2slgbtq-representation-on-young-gamers/)



## Heart-health

### Researchers working with Indigenous communities to better deliver heart-health information

Brock Research Assistant and PhD student Michelle Bomberry (left) and Associate Professor of Nursing Sheila O'Keefe-McCarthy are working with Six Nations to develop, design and deliver heart health informational resources based on Indigenous ways of knowing. In the weeks leading up to a heart attack, most people experience classic symptoms that if recognized and treated, can prevent the attack from happening. While this and other heart-health information is readily accessible to the public, that is not the case in many Indigenous communities, says a Brock University research team.

[brocku.ca/brock-news/2023/03/researchers-working-with-indigenous-communities-to-better-deliver-heart-health-information/](https://brocku.ca/brock-news/2023/03/researchers-working-with-indigenous-communities-to-better-deliver-heart-health-information/)



Sudarsana Poojari  
(left), Senior Staff  
Scientist at CCOVI, and  
Linxue Zhang, CCOVI  
Research Assistant.

## Brock launches national facility for virus-free grapevine plant material

The national grapevine germplasm repository project facility maintains high-quality, virus-free plant materials and eliminates viruses and other pathogens of concern in grapevines. It is led by Sudarsana Poojari, Senior Staff Scientist at Brock University's Cool Climate Oenology and Viticulture Institute (CCOVI), is funded by the Ontario Grape and Wine Research Inc. (OGWRI), Canadian Grapevine Certification Network (CGCN-RCCV) and Brock University. "With changing climatic conditions and the need for new and agronomically improved grapevine varieties that suit local climatic conditions, it is critical for Ontario's grape and wine industry to have access to virus-free grapevine material of varieties that are both popular and of regional importance," says Poojari.

[brocku.ca/brock-news/2022/05/brock-launches-national-facility-for-virus-free-grapevine-plant-material/](https://brocku.ca/brock-news/2022/05/brock-launches-national-facility-for-virus-free-grapevine-plant-material/)

## Biological Sciences prof receives Banting Research Foundation Discovery Award

Biological Sciences, Assistant Professor Ian Patterson has been awarded a 2022 Banting Research Foundation Discovery Award – Jarislowsky Fellowship. Patterson was one of six recipients to receive the grant recognizing innovative health and biomedical research projects by outstanding new investigators at universities and research institutes in Canada – of up to \$30,000. Patterson and his research team will be investigating how a group of viruses that only infects insects can be used to block the infection of Zika virus. "We plan to modify a harmless, insect-specific virus to be able to specifically target Zika virus and prevent infection and transmission in mosquitoes," he says.

[brocku.ca/brock-news/2022/06/biological-sciences-prof-receives-banting-research-foundation-discovery-award/](https://brocku.ca/brock-news/2022/06/biological-sciences-prof-receives-banting-research-foundation-discovery-award/)





**Brock researchers receive second batch of NASA samples to study muscle loss in space**

Assistant Professor of Kinesiology and Canada Research Chair in Tissue Re-modelling and Plasticity throughout the Lifespan Val Fajardo and his team are studying samples from NASA for research on astronauts' health in space. A chance encounter Jessica Braun, a Brock PhD student in Kinesiology, had at a conference set the wheels in motion for NASA to send Brock a second batch of tissue samples for research on astronauts' health in space. Braun will be able to follow up on her previous research where she will determine whether antioxidant treatment can improve calcium regulation and ultimately stop muscle wasting and weakness, both in astronauts and older adults on Earth.

[brocku.ca/brock-news/2022/10/brock-researchers-receive-second-batch-of-nasa-samples-to-study-muscle-loss-in-space/](https://brocku.ca/brock-news/2022/10/brock-researchers-receive-second-batch-of-nasa-samples-to-study-muscle-loss-in-space/)



Assistant Professor of Kinesiology Val Fajardo (far left) and his research team of graduate students (from left) Briana Hockey (PhD), Sophie Hamstra (PhD), Bianca Marcella (MSc), Emily Copeland (PhD), Ryan Baranowski (MSc) and Luc Wasilewicz (PhD).

**Brock research exploring therapy to improve hand function in MS patients**

Can a humble-looking robot that resembles a joystick increase hand function and strength in people living with multiple sclerosis (MS)? Kailynn Mannella is taking the next step to find out. Early results were encouraging, enough for a 'proof of concept' that her and her supervisor, Associate Professor of Kinesiology Michael Holmes, presented to the Multiple Sclerosis Society of Canada. The Society subsequently awarded the team – headed by Holmes, who is the Canada Research Chair in Neuromuscular Mechanics and Ergonomics and involving researchers at Memorial University, University of Saskatchewan and the Italian Institute of Technology – a two-year Catalyst Research Grant to pick up where they left off.

[brocku.ca/brock-news/2022/10/brock-research-exploring-therapy-to-improve-hand-function-in-ms-patients/](https://brocku.ca/brock-news/2022/10/brock-research-exploring-therapy-to-improve-hand-function-in-ms-patients/)



**Brock researchers awarded more than \$3 million in NSERC grants**

François-Philippe Champagne, Minister of Innovation, Science and Industry, announced the results of Natural Sciences and Engineering Research Council of Canada (NSRC)'s 2022 Discovery and Research Tools competitions June 23, 2022. Brock University was awarded funding in four grant categories – Discovery, Discovery Development, Research Tools and Instruments, and Launch Supplement – totalling more than \$3 million.

“The investments made by NSERC speak to the quality and impact of research in STEM (science, technology, engineering and mathematics) disciplines at Brock,” says Vice-President, Research Tim Kenyon.

“Through this support from NSERC programs, Brock researchers will continue to make outstanding contributions, from fundamental science to applied problem-solving, while supporting and mentoring the next generation of international experts in their fields.”

Sixteen Brock researchers were awarded NSERC's Discovery Grant, which supports ongoing programs of research with long-term goals rather than a single short-term project or collection of projects.

Three Brock researchers were awarded Discovery Development Grants, which provide recipients with resources to build their research programs.

Two Brock researchers received Research Tools and Instruments funds for the purchase of equipment, while nine were awarded the Discovery Launch Supplement, which supports early career researchers as they establish a Discovery Grant-funded research program.

[brocku.ca/brock-news/2022/06/brock-researchers-awarded-more-than-3-million-in-nserc-grants/](https://brocku.ca/brock-news/2022/06/brock-researchers-awarded-more-than-3-million-in-nserc-grants/)



An artist's concept for a memorial for the Niagara Baptist Church Burial Ground.

**Brock project aims to remember historic Black community in Niagara-on-the-Lake**

Through a collaborative Brock project, work is underway to share the lived experiences and community contributions of African descendants in Niagara-on-the-Lake and across the Niagara region. Brock University Professor Lissa Paul, artist Quentin VerCetty and PhD candidate Hyacinth Campbell have been working to memorialize those buried in Niagara-on-the-Lake's historic Niagara Baptist Church Burial Ground and to restore the memory of Niagara's African diaspora community to the landscape. The project, “Memorializing the people of the fugitive slave ads: Barbados and Niagara,” has been underway since 2020 and includes a website and proposal for a physical memorial at the Mississauga Street burial ground, where the former Niagara Baptist Church, formed in 1930, once stood.

[brocku.ca/brock-news/2023/04/brock-project-aims-to-remember-historic-black-community-in-niagara-on-the-lake/](https://brocku.ca/brock-news/2023/04/brock-project-aims-to-remember-historic-black-community-in-niagara-on-the-lake/)



**Indigenous research**

**Indigenous research workshops offered as part of Building Better Research series**

Robyn Bourgeois, Vice-Provost, Indigenous Engagement, was a key organizer of a four-part series of workshops held over several months on Indigenous research including: So you want to do research with Indigenous Peoples? An introduction to wise practices; The First Nations Principles of Ownership, control, access and possession (OCAP) Presentation, and Introduction to Indigenous research grants.

Lyn Trudeau, above, one of the lecturers cross-appointed with Women's and Gender Studies and Sociology, shared her perspectives on conducting Indigenous research. Trudeau is from Sagamok Anishinawbek First Nation, Eagle Clan. In her 15 years as a scholar, she has researched a variety of topics alongside Elders, Indigenous youth, Indigenous teacher candidates and residential school survivors, among others. Trudeau's scholarship involves knowledge and relationships that span from seven generations back to seven generations into the future.

[brocku.ca/brock-news/2022/10/indigenous-research-workshops-offered-as-part-of-building-better-research-series/](https://brocku.ca/brock-news/2022/10/indigenous-research-workshops-offered-as-part-of-building-better-research-series/)

**Exploring the gut's link to mental health in children with Fetal Alcohol Spectrum Disorder**

New Brock University-led research is exploring the role gut health plays in the mental health of youth with Fetal Alcohol Spectrum Disorder (FASD). Brock Assistant Professor of Psychology Charlis Raineke and Research Associate Tamara Bodnar from the University of British Columbia are leading an international research team studying how FASD affects children's immune function and micro-organisms in the digestive track, or 'gut microbiota.' Supporting the team's work is a three-year, \$450,000 grant from the Azrieli Foundation's Science Grants Program 2021 Competition. “The overall goal of this research is to improve lives,” says Raineke, noting that the estimated prevalence of FASD in North America is around five per cent.

[brocku.ca/brock-news/2022/07/brock-research-exploring-the-guts-link-to-mental-health-in-children-with-fetal-alcohol-spectrum-disorder/](https://brocku.ca/brock-news/2022/07/brock-research-exploring-the-guts-link-to-mental-health-in-children-with-fetal-alcohol-spectrum-disorder/)



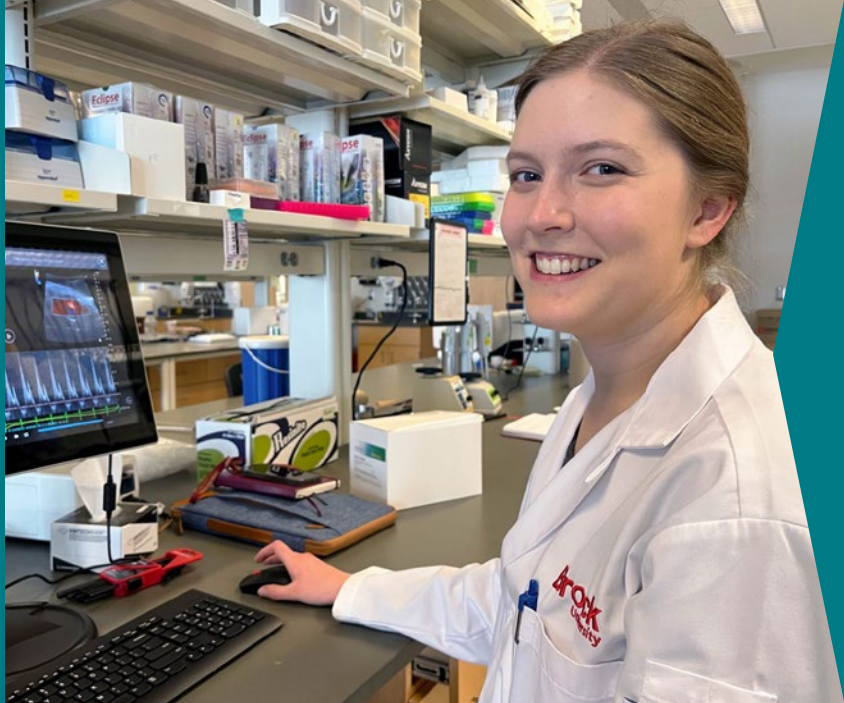




**Brock research explores use of artificial intelligence to diagnose back pain**

Lower back pain affects more than 500 million people worldwide and is the leading cause of disability, above reported data of cancers and heart diseases. Receiving a back pain diagnosis can take time, with patients facing barriers that delay the process. Brock University Master of Science in Kinesiology student Carl Alano (BSc '22) is determined to help patients receive their diagnosis faster – with the help of artificial intelligence (AI). Through his research, “Automated Movement Screen: Developing a data-driven scoring tool to assess spine motor dysfunction,” Alano is working to develop a telehealth screening tool for clinicians. Alano (seated) and his thesis supervisor, Assistant Professor of Kinesiology Shawn Beaudette are pictured.

[brocku.ca/brock-news/2023/02/brock-research-explores-use-of-artificial-intelligence-to-diagnose-back-pain/](https://brocku.ca/brock-news/2023/02/brock-research-explores-use-of-artificial-intelligence-to-diagnose-back-pain/)



**Heart work pays off for Vanier scholarship recipient**

Sophie Hamstra (BSc '19) has long had her heart set on making a difference through her cardiovascular research. In 2022, she was one of two Brock students chosen to receive the prestigious Vanier Canada Graduate Scholarship, the Applied Health Sciences PhD student has not missed a beat. Hamstra has continued to work on her research, which focuses on a protein in the heart muscle that controls muscle relaxation and contraction to treat or prevent heart muscle disorders known as cardiomyopathies. Heart muscle disorders such as heart failure and cardiomyopathy are the second leading cause of death in Canada and are affected by the protein Hamstra is exploring.

[brocku.ca/brock-news/2023/02/heart-work-pays-off-for-vanier-scholarship-recipient/](https://brocku.ca/brock-news/2023/02/heart-work-pays-off-for-vanier-scholarship-recipient/)

**Brock researchers featured in media reports on Earth’s new geologic epoch**

Brock University is among the forefront of global efforts to define a new epoch in Earth’s geologic record called the ‘Anthropocene,’ which is capturing worldwide interest. The Dec. 18, 2022 edition of *The New York Times* featured a front-page article quoting Earth Sciences Professors Francine McCarthy (below) and Martin Head on the establishment of this new interval of geologic history. McCarthy was also featured in the CBC’s Dec. 3, 2022 episode of Quirks and Quarks. In that interview, she explained how the experts are examining sites around the world – including Crawford Lake in Milton, Ontario (below) – to find one location where the boundary layer between the two epochs is most evident.

[brocku.ca/brock-news/2022/12/brock-researchers-featured-in-media-reports-on-earths-new-geologic-epoch/](https://brocku.ca/brock-news/2022/12/brock-researchers-featured-in-media-reports-on-earths-new-geologic-epoch/)



**Banting Postdoctoral Fellow**

**Brock University receives post-doc Banting and student Vanier awards**

In a Nov. 28, 2022 federal government announcement, Kristie Poole was named Banting Postdoctoral Fellow. The teen years are a time when being accepted by peers is very important, which may result in more risk-taking and giving into peer pressure. How do shy youth navigate opportunities for risk-taking when they are in the presence of peers? Poole is aiming to find out with her research program, “Developmental Pathways of Shyness and Sensitivity to Peers Across Adolescence.” Poole was one of 70 Postdoctoral Fellows named in institutions across Canada. As part of a long-term study spanning childhood into late adolescence, Poole is investigating how and when shyness develops across childhood and adolescence and how shyness impacts sensitivity to peers over time. Poole is conducting her research within the Brock Healthy Youth Project (BHYP), a long-term study examining the link between health-risk behaviours and adolescent brain development.

[brocku.ca/brock-news/2022/11/brock-university-receives-post-doc-banting-and-student-vanier-awards/](https://brocku.ca/brock-news/2022/11/brock-university-receives-post-doc-banting-and-student-vanier-awards/)



**Reading**

**Early intervention, advocacy can prevent reading difficulties, says Brock researcher**

A shift in reading instruction can change the lives of many young people who might otherwise struggle with the skill, says Erin Panda, Assistant Professor in the Department of Child and Youth Studies and codirector of Brock’s Developmental Neuroscience Lab. “Most children can learn to read if they are given explicit and systematic instruction into the sounds of language and how letters are grouped together to make words,” says Panda. She wants people to understand that difficulty reading is not related to intelligence, but rather a question of training the brain to make the correct connections between letters and sounds.

[brocku.ca/brock-news/2022/09/early-intervention-advocacy-can-prevent-reading-difficulties-says-brock-researcher/](https://brocku.ca/brock-news/2022/09/early-intervention-advocacy-can-prevent-reading-difficulties-says-brock-researcher/)

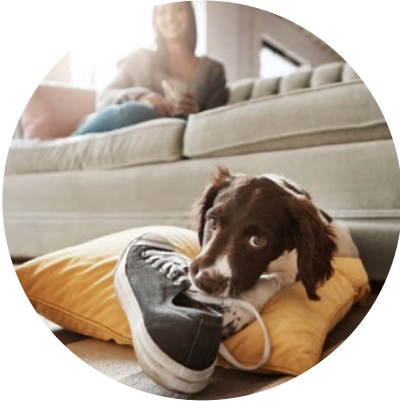


**Youth & COVID-19**

**Canadian youth have say in Brock-led UNICEF study on growing up in ‘apocalypse’**

Young people across Canada have been deeply affected by the COVID-19 pandemic. Youth have made their voices heard in “It’s Difficult to Grow Up in an Apocalypse: Children’s and Adolescents’ Experiences, Perceptions and Opinions on the COVID-19 Pandemic in Canada,” a new report from the UNICEF Office of Research – Innocenti produced in collaboration with Brock University, Bishop’s University, the Students Commission’s Centre of Excellence for Youth Engagement and UNICEF Canada. Assistant Professor Heather Ramey in Brock’s Department of Child and Youth Studies led the Canadian study.

[brocku.ca/brock-news/2022/07/canadian-youth-have-say-in-brock-led-unicef-study-on-growing-up-in-apocalypse/](https://brocku.ca/brock-news/2022/07/canadian-youth-have-say-in-brock-led-unicef-study-on-growing-up-in-apocalypse/)



**Dogs**

**Brock research explores how personality affects relationships between dogs and people**

Puppy love can be powerful. But Renata Roma is reminding pet owners that human relationships with dogs have just as many ups and downs as relationships between people. The PhD candidate in Brock’s Department of Child and Youth Studies (CHYS) wants people to understand that dogs have different personalities that can change over time. “Dogs are as complex as people, so if you want to have a dog, be prepared to have lots of enjoyable moments but also moments of distress,” says Roma. “Those moments don’t mean the relationship is not going well – it’s just part of your relationship with your dog.”

[brocku.ca/brock-news/2023/04/brock-research-explores-how-personality-affects-relationships-between-dogs-and-people/](https://brocku.ca/brock-news/2023/04/brock-research-explores-how-personality-affects-relationships-between-dogs-and-people/)





**35 Brock researchers make global list of top scientists**

More than three dozen Brock University researchers appear on Stanford University’s 2022 list of the world’s top two per cent of scientists with the most citations. First created in 2019 by Stanford University health researcher John P. A. Ioannidis, the list rates scientists globally on metrics that measure the types and numbers of citations they have. The number of times a researcher’s work is referenced in other peer-reviewed work is one important indicator of their research impact and reputation. The latest update to this list includes a career-long database containing 195,605 researchers globally, or about two per cent of researchers worldwide. For the list of researchers visit: [brocku.ca/brock-news/2022/11/35-brock-researchers-make-global-list-of-top-scientists/](https://brocku.ca/brock-news/2022/11/35-brock-researchers-make-global-list-of-top-scientists/)



**Brock researchers awarded more than \$1.1 million in SSHRC funding**

Professor of Accounting Hemantha Herath is among those challenging the conventional way charities calculate and report their program expenses. With funding from the federal government’s Social Sciences and Humanities Research Council of Canada (SSHRC), Herath is researching how data science techniques can be integrated into current reporting methods to give a fuller picture of charities’ performances. Brock University received more than \$1.1 million in the latest round of Insight Grants, which support research excellence and are judged worthy of funding by fellow researchers and/or other experts. For the list of Brock researchers awarded Insight Grants in 2022 visit: [brocku.ca/brock-news/2022/06/brock-researchers-awarded-more-than-1-1-million-in-sshrc-funding/](https://brocku.ca/brock-news/2022/06/brock-researchers-awarded-more-than-1-1-million-in-sshrc-funding/)



A dozen women researchers at Brock University are sharing the perceptions they gained through their work to mark International Women’s Day on March 8, 2023.

**Brock researchers share expertise, insights on International Women’s Day**

When Susan Drake launched her academic career three decades ago, women researchers were a rarity “in a male-dominated academic environment.” The Professor in Brock University’s Department of Educational Studies reached out to several of her women colleagues to share their experiences of feeling like an “imposter,” which they eventually published in their 1993 paper, “Collaborative reflection through story: towards a deeper understanding of ourselves as women researchers.” Drake is among a dozen women faculty at Brock who are sharing perceptions and experiences they gained through their research careers to mark International Women’s Day on March 8. “Brock University is home to extraordinary women researchers who are leading the way in their respective fields and creating positive change in our communities, both locally and globally,” says Associate Vice-President, Research Michelle McGinn. [brocku.ca/brock-news/2023/03/brock-researchers-share-expertise-insights-on-international-womens-day/](https://brocku.ca/brock-news/2023/03/brock-researchers-share-expertise-insights-on-international-womens-day/)



From left: Kevin Grant, Operations Manager and Acting Head, Academy of Sport, Faculty of Sport, UWI; Neisha Applewhaite-Douse, Inbound Student Mobility Co-ordinator, UWI; Paula Jarvis, International Programmes and Mobility Co-ordinator, UWI; Christina Bosilo, Director, Brock International, Brock University; Lynn Wells, Provost and Vice-President, Academic, Brock University; Brad Clarke, Associate Vice-President, Students and Interim Associate Vice-President, Equity, Brock University; Michael Naraine, Brock Canada-Caribbean Institute Chair and Associate Professor, Sport Management, Brock University; and Neela Cezair, Research Assistant, Academy of Sport, Faculty of Sport, UWI.

**Canada-Caribbean Research Symposium builds scholarly connections**

The global impact of Brock University’s research was recently showcased on the world stage during the Canada-Caribbean Institute’s (CCI) second-annual research symposium. Held at the University of the West Indies (UWI) in Barbados in Feb. 2023, the symposium brought together scholars from multiple institutions to discuss a variety of topics, such as Indigenous research, physical activity, economic growth and trade, and gender diversity. Founded by Brock and UWI, the CCI’s mission is to connect scholars from across Canada and the Caribbean to collaborate on vital economic, environmental and social issues that affect both regions. [brocku.ca/brock-news/2023/04/canada-caribbean-research-symposium-builds-scholarly-connections/](https://brocku.ca/brock-news/2023/04/canada-caribbean-research-symposium-builds-scholarly-connections/)

**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.



**Volunteering**

**Brock student receives provincial honour for volunteer efforts**

Giving back is woven into nearly every aspect of Lucia Marchionda’s life. The Brock University Concurrent Teacher Education student’s drive to make a difference saw her recently honoured with a prestigious provincial award that recognized her extensive community contributions. Marchionda, who will begin her fifth year at Brock in the fall, was presented with the Ontario Medal for Young Volunteers — the highest honour a young person can receive for their contributions to the province. Though she was named a recipient in 2019, she was honoured alongside fellow 2019 and 2020 medallists during a recent virtual ceremony hosted by the Lieutenant Governor of Ontario, the Honourable Elizabeth Dowdeswell. [brocku.ca/brock-news/2022/05/brock-student-receives-provincial-honour-for-volunteer-efforts/](https://brocku.ca/brock-news/2022/05/brock-student-receives-provincial-honour-for-volunteer-efforts/)



**Women & housing**

**Women share insight into affordable housing barriers at NCO, YWCA research event**

Panelists and researchers discussed the findings of a study on affordable housing for women in Niagara arising out of a partnership between Brock University’s Niagara Community Observatory (NCO) and YWCA Niagara Region. The event was held June 22, 2022 on Brock’s main campus. It focused on the experiences of women navigating the affordable housing system, who relayed their personal accounts in focus groups. Assistant Professor of Political Science Joanne Heritz, the NCO’s lead researcher on the project, said, “There is a desperate need for all of us in Niagara to listen to, and address, the housing needs of the most vulnerable families in our community.” [brocku.ca/brock-news/2022/06/women-share-insight-into-affordable-housing-barriers-at-nco-ywca-research-event/](https://brocku.ca/brock-news/2022/06/women-share-insight-into-affordable-housing-barriers-at-nco-ywca-research-event/)



**Local artists**

**Postcard exhibition delivers message of support to local artists**

They may be small, but the work exhibited at Brock’s Marilyn I. Walker School of Fine and Performing Arts (MIWSFPA) packs a big punch. Original postcard-sized artwork from across the Niagara region were on display at the Visual Arts Gallery and Student Exhibition Space in the MIWSFPA. The exhibit, A Postcard Project, invited creations by Brock employees, students and local artists, demonstrating the strong ties between the downtown St. Catharines arts school and the Niagara community. When the call for submissions went out, Gallery Co-ordinator Sonya Marie de Lazzer was encouraged by the many people who quickly reached out about taking part in the exhibition and sale. [brocku.ca/brock-news/2022/11/postcard-exhibition-delivers-message-of-support-to-local-artists/](https://brocku.ca/brock-news/2022/11/postcard-exhibition-delivers-message-of-support-to-local-artists/)



**Brock takes next steps in transitioning to Burlington campus**

Brock University made strides in its plans to transition to more modern facilities in the Hamilton-Burlington-Oakville corridor. As the University prepares to relocate its Hamilton Campus to Burlington, it will temporarily operate out of the former Lester B. Pearson High School site for the duration of the 2023-24 academic year. Brock has sold its Hamilton Campus site and as previously announced, will relocate to the future City of Burlington community hub on New Street –the former Robert Bateman High School site – once work on the property is completed.

[brocku.ca/brock-news/2022/11/brock-takes-next-steps-in-transitioning-to-burlington-campus/](https://brocku.ca/brock-news/2022/11/brock-takes-next-steps-in-transitioning-to-burlington-campus/)



**Community invited to dig into local history with archaeology field school**

After a two-year hiatus, Brock University students will again be digging up history in downtown St. Catharines – and the community was invited to come along. Archaeologist Kimberly Monk, Adjunct Professor with Brock’s Department of History, is leading an archaeological field school for both Brock students and community members at the site of the 19th-century Shickluna Shipyard. HIST/CLAS 3M60 Field School in Local Historical Archaeology ran as an intensive five-week course from July 11 to Aug. 12, 2022. “I’m excited to reconnect with the community and share with our students and the public the experience of documenting this historic shipyard,” Monk said.

[brocku.ca/brock-news/2022/05/community-invited-to-dig-into-local-history-with-archaeology-field-school/](https://brocku.ca/brock-news/2022/05/community-invited-to-dig-into-local-history-with-archaeology-field-school/)



Excavations on a labourer’s cottage at the 19th-century Shickluna Shipyard.

**MTechHub has received \$203,150 through the Ontario government’s Skills Development Fund**

After signing a Memorandum of Understanding, Brock University and MTechHub Innovations Inc. are teaming up to help employers boost the skills of their workforce in the area of manufacturing optimization and data analytics. MTechHub, a Burlington-based organization that supports digital transformation for Canadian manufacturing, has received \$203,150 through the Ontario government’s Skills Development Fund to launch a pilot program in partnership with Brock University’s Professional and Continuing Studies department. The Manufacturing Optimization and Data Analytics training program will work with members of MTechHub and industry partners to reskill and/or upskill jobs and advance technology adoption in the field.

[brocku.ca/brock-news/2022/07/brock-mtechhub-launching-manufacturing-optimization-data-analytics-training-program/](https://brocku.ca/brock-news/2022/07/brock-mtechhub-launching-manufacturing-optimization-data-analytics-training-program/)



**Celebrating sport with art**

**Public art project celebrates sport through eyes of local youth**

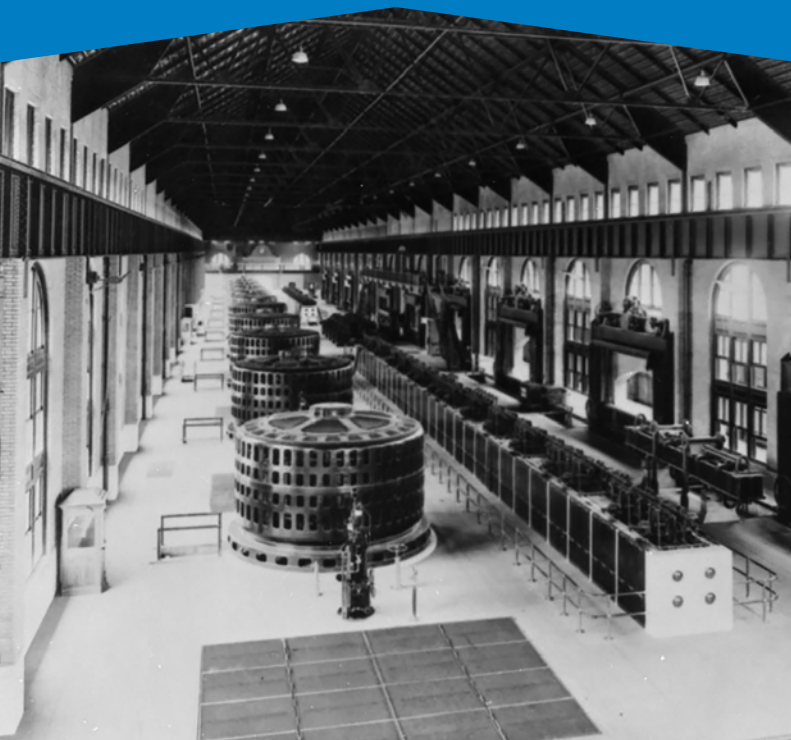
In honour of the Canada Summer Games, local youth celebrated sport through art and sharing their work with the community. Students in Grade 4 to 12 from six schools across the region created artwork related to sport as part of a research project led by Peter Vietgen, Associate Professor in Brock University’s Faculty of Education. The project, “PARTicipation Niagara 2022: A Celebration of Sports and Art through the Eyes of Niagara’s Young Artists,” was funded under the 2020-21 round of Brock’s VPR Canada Games Grant program and saw the art showcased at venues throughout Niagara. Vietgen worked with eight Brock teacher candidates to run visual arts workshops with an ‘Art and Sports’ theme in local elementary and secondary schools, helping students to learn about the determination and passion that drives athletes competing in the Niagara 2022 Canada Summer Games.

[brocku.ca/brock-news/2022/08/public-art-project-celebrates-sport-through-eyes-of-local-youth/](https://brocku.ca/brock-news/2022/08/public-art-project-celebrates-sport-through-eyes-of-local-youth/)

**Community-funded Brock research to explore Niagara’s past and potential future economic impact**

The Wilson Foundation and Brock University are embarking on a multi-year partnership to map Niagara’s history and deepen the understanding of the region’s economic and social development. Facilitated by Brock’s Niagara Community Observatory (NCO), the project will engage the University’s scholars and students, along with members of the wider community, to dive into the region’s unique sectors that have driven growth and development locally and nationally. The Foundation has provided Brock with a \$500,000 philanthropic investment in support of the initiative.

[brocku.ca/brock-news/2022/09/community-funded-brock-research-to-explore-niagaras-past-and-potential-future-economic-impact/](https://brocku.ca/brock-news/2022/09/community-funded-brock-research-to-explore-niagaras-past-and-potential-future-economic-impact/)



**United Way Niagara getting boost from Badgers hockey**

The Brock Badgers hockey teams hit the ice in the name of a noble cause. The Brock women’s and men’s hockey teams hosted a community event for United Way Niagara during their Ontario University Athletics (OUA) regular season home games at Canada Games Park on Feb. 11, 2022. The women’s team faced off against Toronto Metropolitan University before the men took on the University of Toronto. The games supported the efforts of the Brock University United Way Committee, which set a \$160,000 fundraising goal in October for the local organization.

[brocku.ca/brock-news/2023/02/united-way-niagara-getting-boost-from-badgers-hockey/](https://brocku.ca/brock-news/2023/02/united-way-niagara-getting-boost-from-badgers-hockey/)



The Brock Badgers hockey teams, including the men’s team pictured here, hosted a community event in support of United Way Niagara during their home games at Canada Games Park on Feb. 11, 2023.



Students send care into the community

More than 100 Brock students, employees and alumni spent Saturday, Sept. 10, 2022 giving back to organizations across Niagara during the 14th annual Brock Cares Day of Service. Participants volunteered their time through more than a dozen volunteer opportunities with groups such as Start Me Up Niagara, Heartland Forest, March of Dimes, Future Black Female, Project Share and Habitat for Humanity.

[brocku.ca/brock-news/2022/09/gallery-students-send-care-into-the-community/](https://brocku.ca/brock-news/2022/09/gallery-students-send-care-into-the-community/)



Sustainability students offer insight to local conservation authority

Since January, 2023 PhD and master's students from Brock's Environmental Sustainability Research Centre (ESRC) have been working with the Niagara Peninsula Conservation Authority (NPCA) on a consultancy project through their courses, Engaging with Community in Sustainability Science and Problem Solving in the Environment. One of these courses, which exposes students to contemporary applied approaches to address environmental sustainability issues, invites an organization to act as a client and prepare a request for proposals for an environmental challenge or initiative they're looking for support on.

[brocku.ca/brock-news/2023/04/sustainability-students-offer-insight-to-local-conservation-authority/](https://brocku.ca/brock-news/2023/04/sustainability-students-offer-insight-to-local-conservation-authority/)



Brock Master of Sustainability students Zeal Pandya (left) and Erin Isaac (centre) join a discussion alongside PhD student Shannon Fernandes at the main office of the Niagara Peninsula Conservation Authority on April 4.



Special advisor

Brock prof serving as special advisor to Office of the Prime Minister

Sociology Professor Kate Bezanson, an Associate Dean in the Faculty of Social Sciences, recently began a secondment with the Office of the Prime Minister of Canada. Bezanson took a leave from her role at Brock Sept. 6, 2022 to serve as a special advisor on gender, rights, and social, economic and legal issues. She has become a familiar face and voice to many through her public discussion of her policy research, some of which was accelerated by the COVID-19 pandemic and initially outlined in the 2020 report, "From Stabilization to Stimulus and Beyond: A Roadmap to Social and Economic Recovery."

[brocku.ca/brock-news/2022/09/brock-prof-serving-as-special-advisor-to-office-of-the-prime-minister/](https://brocku.ca/brock-news/2022/09/brock-prof-serving-as-special-advisor-to-office-of-the-prime-minister/)

Partnership

Brock math students collaborate with local teachers on coding lessons

Brock University students recently spent time collaborating with local teachers to add coding to their classrooms. With the support of a grant from Brock's Experiential Education office and a team led by Professor Chantal Buteau of the Faculty of Mathematics and Science, the initiative expanded the scope of MATH 3P41 – a third-year programming-based math course for future teachers – to include a final project in collaboration with the Niagara Catholic District School Board. Brock students partnered with Niagara Catholic teachers to design or modify and implement coding-based math activities for students in Grade 5 to 9.

[brocku.ca/brock-news/2022/05/brock-math-students-help-local-teachers-with-coding-lessons/](https://brocku.ca/brock-news/2022/05/brock-math-students-help-local-teachers-with-coding-lessons/)

Lead Like a Girl

Adolescent girls invited to develop leadership skills at Canada Games

A new program from Brock University's Centre for Sport Capacity (CSC) is looking to build leadership skills in young girls through the power of sport. With the highest sport dropout rate attributed to girls in their adolescent years, Lead Like a Girl uses sport to help participants between the ages of 11 and 13 build confidence, develop leadership skills and find inspiration. The program took place Aug. 9 to Aug. 11, 2022 during the first week of the Niagara 2022 Canada Summer Games. It featured elite women in action as the young participants visited events including rugby, box lacrosse, wrestling and beach volleyball.

[brocku.ca/brock-news/2022/07/adolescent-girls-invited-to-develop-leadership-skills-at-canada-games/](https://brocku.ca/brock-news/2022/07/adolescent-girls-invited-to-develop-leadership-skills-at-canada-games/)

10 YEARS Brock's Centre for Bone and Muscle Health marks 10 years of research, community impact

"It's super important that we take care of our bones and muscles, minimizing the effects of aging and inactivity, so we're able to continue doing all the things we know will bring us many health benefits," says Associate Professor of Kinesiology Michael Holmes and Canada Research Chair in Neuromuscular Mechanics and Ergonomics. Holmes is currently at the helm of a 15-member group of researchers investigating the many intricacies of how bones and muscles do – and don't – function, sharing their insights in a variety of ways. Now in its 10th year, Brock University's Centre for Bone and Muscle Health is celebrating a decade of successes that form the foundation for future growth.

[brocku.ca/brock-news/2022/08/brocks-centre-for-bone-and-muscle-health-marks-10-years-of-research-community-impact/](https://brocku.ca/brock-news/2022/08/brocks-centre-for-bone-and-muscle-health-marks-10-years-of-research-community-impact/)



High school students jump-start university journey with FMS mentorship program

With the help of Brock University faculty mentors, high school students from across Niagara are working to discover their future path in math and science. In June, 2022, this year's Faculty of Mathematics and Science (FMS) Mentorship Program got underway, welcoming 20 students from 12 local high schools to take a deeper dive into various scientific disciplines. The program is intended to jump-start students' academic careers, providing vital structure and learning opportunities difficult to attain elsewhere. Senior secondary school students are connected with 15 different FMS mentors from various departments, such as Mathematics and Statistics, Biological Sciences and Physics.

[brocku.ca/brock-news/2022/10/high-school-students-jump-start-university-journey-with-fms-mentorship-program/](https://brocku.ca/brock-news/2022/10/high-school-students-jump-start-university-journey-with-fms-mentorship-program/)

STARS guides high school students to early start at Brock

The Strategic Transition for Accomplished and Recognized Students (STARS) program allows Niagara secondary school students to register concurrently for one credit at Brock University, free of charge. Formerly known as Head Start, STARS is available to students enrolled in less than six Grade 12 U or M courses, with a 90 per cent average in the previous high school year in an advanced-level program and who are recommended by their school or main educator. Scarlet Stark, Brock's Academic Transitions Specialist, said the program will allow students to sample post-secondary learning and to potentially choose to come to Brock for the entirety of their degree.

[brocku.ca/brock-news/2022/05/stars-guides-high-school-students-to-early-start-at-brock/](https://brocku.ca/brock-news/2022/05/stars-guides-high-school-students-to-early-start-at-brock/)





# 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



## Jasneet Kaur inspiring next generation of women scientists

Assistant professor Jasneet Kaur joined Brock University's Yousef Haj-Ahmad Department of Engineering in July 2021. "Physics and engineering are male-dominated fields, so I feel a responsibility to women and girls, especially from under-represented groups," said Kaur. Kaur is passionate about inspiring others like her to pursue careers in science, technology, engineering and mathematics (STEM). Growing up in India, Kaur was sometimes hesitant to speak up. But now, as an experienced and successful material scientist and experimental physicist, she encourages women and girls to stay curious, participate in their fields of interest and share their voice.

[brocku.ca/brock-news/2023/01/faculty-focus-jasneet-kaur-inspiring-next-generation-of-women-scientists/](https://brocku.ca/brock-news/2023/01/faculty-focus-jasneet-kaur-inspiring-next-generation-of-women-scientists/)



## New Director

### Sheila Cote-Meek appointed Director of Indigenous Educational Studies Programs

Brock's Faculty of Education has appointed Sheila Cote-Meek as the new Director of Indigenous Educational Studies Programs. Cote-Meek is a leader in Indigenous education and comes to Brock with an extensive background in advancing equity and inclusion in post-secondary institutions. She will begin her new role August 1, 2023. "Dr. Sheila Cote-Meek is an accomplished academic and leader who will advance Indigenous education at Brock," says Robyn Bourgeois, Vice-Provost, Indigenous Engagement. "She will contribute significantly to actualizing our institutional commitment to decolonization, Indigenousization and reconciliation." [brocku.ca/brock-news/2023/01/sheila-cote-meek-appointed-director-of-indigenous-educational-studies-programs/](https://brocku.ca/brock-news/2023/01/sheila-cote-meek-appointed-director-of-indigenous-educational-studies-programs/)



## Black History

### Brock Badgers all in for change

Throughout February, the Brock Badgers celebrated and honoured Black History Month/African Heritage Month with a collection of events and initiatives. The month's theme, 'All for Change,' was chartered between Brock Sports and Recreation and men's basketball head coach Willy Manigat. "The world needs change. It's not even necessarily limited to just Black History Month; it's a global issue, especially since the killing of George Floyd. An injustice for one is an injustice for all," Manigat said. The Badgers raised money for the University's Black/Indigenous Heritage Student-Athlete (BIHS) bursary through proceeds of an 'All for Change' T-shirt and tickets to varsity home games. [brocku.ca/brock-news/2023/02/brock-badgers-all-in-for-change/](https://brocku.ca/brock-news/2023/02/brock-badgers-all-in-for-change/)



## Awareness

### Indigenous student draws on traditional teachings to shape future

In June 2022, as Brock celebrated Indigenous Peoples Awareness Week, 20-year-old Biology and Psychology Ojibwe student Cassandra Carlson was using her studies to advocate for Indigenous ways of knowing. She was involved in a research project with Brock Professor of Biological Sciences Liette Vasseur that allows her to explore the use of Indigenous plants for traditional garden purposes. "Growing up, I didn't learn about my culture a lot, but I always wanted to learn more," she says. "Through this project, I've learned there are more than 500 plants that are used to treat medical issues." [brocku.ca/brock-news/2022/06/indigenous-student-draws-on-traditional-teachings-to-shape-future/](https://brocku.ca/brock-news/2022/06/indigenous-student-draws-on-traditional-teachings-to-shape-future/)

## Pride crosswalk unveiled adjacent to campus

Niagara Region has unveiled a new Pride crosswalk adjacent to Brock University. The painted crossing, at the intersection of Schmon Parkway and Sir Isaac Brock Way, features the all-inclusive Pride flag developed by Brock in collaboration with local 2SLGBTQQIA+ communities. "This is a wonderful initiative and we're very glad to see the crosswalk painted so close to campus," says Brock's Interim President and Vice-Chancellor Lynn Wells. "Brock is strongly committed to building a more equitable and inclusive community, and the painting of this nearby crosswalk will serve as a constant and visible reminder that all are welcome in Niagara." The all-inclusive flag design consists of the familiar rainbow flag with the addition of black, brown, light blue, pink and white stripes. [brocku.ca/brock-news/2022/06/pride-crosswalk-unveiled-adjacent-to-campus/](https://brocku.ca/brock-news/2022/06/pride-crosswalk-unveiled-adjacent-to-campus/)



## Brock welcomes Orange Shirt Day creator as week of remembrance begins

In 1973, Phyllis 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. The action left her feeling as though she didn't matter and sparked the movement that became Orange Shirt Day and the National Day for Truth and Reconciliation. On September 23, 2022, Webstad participated at Brock in the raising of the Survivors' Flag – honouring residential school survivors and all the lives and communities impacted by the residential school system in Canada. In photo, Vice-Provost, Indigenous Engagement Robyn Bourgeois, Phyllis Webstad, and Director of Hadiya'dagénhahs First Nations, Métis and Inuit Student Centre Cindy Biancaniello. [brocku.ca/brock-news/2022/09/brock-welcomes-orange-shirt-day-creator-as-week-of-remembrance-begins/](https://brocku.ca/brock-news/2022/09/brock-welcomes-orange-shirt-day-creator-as-week-of-remembrance-begins/)



Birthing ceremony transforms Brock teaching lodge into sacred space

A birthing ceremony was held July 8, 2022 for the Brock University teaching lodge, calling into being the new sacred space and grounding it in spirit and its purpose. Thanks to a gift from the Niagara Peninsula Aboriginal Area Management Board (NPAAMB), the teaching lodge was built in 2021 in an open area behind Schmon Tower on the edge of the Niagara Escarpment by a team of youth from NPAAMB's Naabidisiwin program (an Anishnabek word, which means 'I have a purpose'). Brock's Vice-Provost, Indigenous Engagement Robyn Bourgeois said the space will be used for an array of activities.

brocku.ca/brock-news/2022/07/birthing-ceremony-transforms-brock-teaching-lodge-into-sacred-space/



Resource to shine light on Mandela's legacy for K-12 learners

A group of educators led by Brock Professor Dolana Mogadime has launched a resource designed to help students from kindergarten to Grade 12 learn about Nelson Mandela in a global context. "Mandela Global Human Rights: Peace, Reconciliation and Responsibility: A Teacher Guide and Lessons for Educators," which is also available in French, includes a guide for educators and 14 lessons about Mandela and the anti-apartheid struggle in South Africa. Mandela spent 27 years in prison for opposing white minority rule in South Africa. He won the Nobel Peace Prize with President FW de Klerk in 1993 for their work toward the peaceful end of apartheid. Mandela went on to become South Africa's first democratically elected President in 1994.

brocku.ca/brock-news/2022/05/statement-on-the-scarborough-charter-and-acts-of-hate-in-buffalo/



Spirit Bear joins Brock's Convocation procession

In October, 2022, the University's Spirit Bear, Entiohahathé'te, was visiting the Convocation stage for the first time. The teddy bear dressed in a patterned red shirt and an orange an black crest – a Kanien'keha (Mohawk) name that means "the path will be bright," – sat on the lap of Brock's Vice-Provost, Indigenous Engagement Robyn Bourgeois during each ceremony. The bear is part of the Reconciliation Ambearrister program, an initiative and resource created by the First Nations Child and Family Caring Society to address inequalities of Indigenous children, youth and families. Bourgeois said the bear's presence at events like Convocation is a symbolic and encouraging reminder of further efforts of decolonization and reconciliation at the University and beyond.

brocku.ca/brock-news/2022/10/spirit-bear-joins-brocks-convocation-procession/

Enhancing inclusive and adaptive physical activity in Niagara

The Brock-Niagara Centre of Excellence in Inclusive and Adaptive Physical Activity (CAPA) was approved in December 2020. CAPA has been providing authentically inclusive programs, workshops, courses, research projects and services to the Niagara community. It has also enabled many of Brock's adaptive physical activity programs and services offered over the past 25 years – such as Supporting Neurodiversity through Adaptive Programming (SNAP), Saturday SNAP, Autism Spectrum Disorder Summer Movement Camp, and Side by Side, among others – to continue to respond to community needs.

brocku.ca/brock-news/2022/12/enhancing-inclusive-and-adaptive-physical-activity-in-niagara/



BROCK SPORTS

2022-23 Achievements

The 2022-23 Brock Badgers sports season was enjoyed by all on campus and highlighted with the opening of the state-of-the-art multi-use recreation and sports complex, Canada Games Park, adjacent to Brock University's main campus.

A new home for the Brock men's and women's hockey teams, Canada Games Park includes additional sport and recreation opportunities for varsity teams such as basketball, volleyball, track and field and wrestling. The facility also includes intramural space for recreational programming.

Brock Sports also brought back the 22nd Steel Blade Classic, an exhibition men's hockey game held in downtown St. Catharines at the Meridian Centre, which drew a crowd of more than 3,500 people to cheer on Brock to a 6-2 victory over the University of Guelph. The win marked the first Steel Blade game since 2019.

The 2022-23 season also saw the implementation of a new Brock Sports Model to better service a total of 35 varsity sports offered at Brock University. Within the sports model, teams are provided with a further breakdown of the variety of service offerings including Brock Sports Medicine (BSM) and Brock Sports Performance (BSP).

Brock Sports also returned the Celebration of Academic Excellence Breakfast, which honoured a total of 265 student-athletes who achieved an average of 80 per cent or higher within their program of study during the 2021-22 academic year.

Brock enjoyed success across numerous sports with five championship banners, nine

teams competing at national championships, 13 national All-Canadians, and 46 provincial all-stars.

"It was so exciting to see a return to a full slate of training and competition for our 700 student-athletes, which included having both of our hockey teams on campus and hosting three OUA championships (Women's Volleyball, Women's Fencing and Men's Fencing)," said Brock Sports and Recreation Executive Director, Melissa Krist. "We want to continue to engage as many students on campus as we can and impact their student experience at Brock in a positive way."

Championship success

- Men's Rowing – OUA champions
- Women's Volleyball – OUA champions
- Women's Wrestling – OUA champions
- Men's Wrestling – OUA champions
- Men's Wrestling – U SPORTS champions

OTHER TEAM MEDALS

- Men's Curling – OUA bronze
- Women's Rowing – OUA silver
- Softball – OUS bronze
- Men's Lacrosse – CUFLA silver
- Men's Rowing – CURC silver
- Women's Wrestling – U SPORTS silver
- Men's Fencing (OUA individual event silver, team event bronze)
- Track & Field (OUA individual event gold, individual event bronze)

COACHES OF THE YEAR

- Marty Calder – Men's Wrestling (OUA, U SPORTS)
- Steve Delaney – Women's Volleyball (OUA)
- Tom Kent – Men's Rowing (OUA)
- Mary Rao – Women's Rowing (OUA)

OTHER MAJOR AWARDS

- Women's Wrestling – U SPORTS Female Wrestler of the Year – Mia Friesen
- Men's Rowing – CURC Athlete of the Year – Stephen Harris

- Men's Rowing – OUA Rower of the Year – Stephen Harris
- Men's Hockey – OUA West MVP – Jacob Roach
- Track & Field – OUA Rookie of the Year – Michael Ivanov
- Men's Fencing – OUA George Tully Trophy (Sportsmanship) – Nicholas Gutierrez-Sarabia

FIRST-TEAM ALL-CANADIAN

- Mitchell Armstrong (Men's Lacrosse)
- Mitchell Zulian (Men's Lacrosse)
- Bobby Narwal (Men's Wrestling)
- Carlos Vargas (Men's Wrestling)
- Mia Friesen (Women's Wrestling)
- Shauna Kuebeck (Women's Wrestling)
- Brianna Fraser (Women's Wrestling)

SECOND-TEAM ALL-CANADIAN

- Grace Pyatt (Women's Volleyball)
- Jacob Roach (Men's Hockey)
- Taylor Miskolczi (Men's Soccer)
- Max Budgey (Men's Wrestling)
- Jordan Wylie (Men's Wrestling)
- Roger Li (Men's Wrestling)

Winners

- Female Athlete of the Year: Mia Friesen (Women's Wrestling)
- Male Athlete of the Year: Stephen Harris (Men's Rowing)
- Women's Team Coach of the Year: Steve Delaney (Women's Volleyball)
- Men's Team Coach of the Year: Tom Kent (Men's Rowing)
- Female Team of the Year: Women's Wrestling
- Male Team of the Year: Men's Wrestling
- David S. Howes Spirit of Brock Award: Tamara Tait (Women's Fencing)
- David Atkinson Surgite Award: Daniella Scurto (Figure Skating)
- RM Davis Surgite Award: Connor Dodds (Men's Rowing)
- Joseph P. Kenny Student Therapist Award: Katie Cameron, Brendan Tymec
- BSP Student Intern of the Year: Greg Taylor
- BSP Impact Award: Paris Forlin
- Marilou Lusi Memorial Service Award: Irene Henry





**Harris and Friesen named 2022-23 Brock University Athletes of the Year**

At the April 5, 2023, banquet inside the Americana Conference Resort Spa & Waterpark in Niagara Falls, women’s wrestler Mia Friesen and men’s rower Stephen Harris were named Brock University’s 2022-23 Female and Male Athletes of the Year. Friesen, a second-year Psychology major from St. Catharines, furthered the dominant tradition of Brock wrestling this season making a mark in her sophomore campaign on both the provincial and national levels. Harris, a third-year Economics major from Guelph, delivered another sensational season on the water for the Badgers helping the Brock men’s rowing team repeat as Ontario University Athletics (OUA) champions.

[gobadgers.ca/news/2023/4/5/general-news-harris-and-friesen-named-2022-23-brock-university-athletes-of-the-year.aspx](https://gobadgers.ca/news/2023/4/5/general-news-harris-and-friesen-named-2022-23-brock-university-athletes-of-the-year.aspx)



**Mo-mentous fundraising campaign for Brock men’s rugby team**

The Brock men’s rugby team raised more than \$10,000 – crushing their initial \$2,500 goal – for the 2022 Movember fundraising campaign. Aiming to make a difference in mental health, suicide prevention, prostate cancer and testicular cancer, the men’s rugby team annually participates in the November-long fundraiser. In Canada, three out of four deaths by suicide are men. It is the second leading cause of death among Canadian males aged 15 to 44 years old, according to the Movember campaign. Testicular cancer is the most diagnosed cancer in young Canadian men as one in nine will be diagnosed with prostate cancer in their lifetime.

[brocku.ca/brock-news/2022/12/mo-mentous-fundraising-campaign-for-brock-mens-rugby-team/](https://brocku.ca/brock-news/2022/12/mo-mentous-fundraising-campaign-for-brock-mens-rugby-team/)

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**Brock para rowers encourage growth of sport at university level**


Third-year Outdoor Recreation student Ian Steadman (right) heads to the dock at Henley Island with his boat to race in the para single event at the OUA Rowing Championships on Oct. 29, 2023. The Brock Badgers rowing program enjoyed a successful 2022 campaign, which included an Ontario University Athletics (OUA) Men’s Rowing Championship title, hosting the national university championships and winning multiple medals. For two student-athletes, the meaning of the season went far beyond the podium. Mia Biancaniello and Ian Steadman, who each have a disability, made the Badgers women’s and men’s rowing teams, respectively, and represented Brock at the OUA Championships at Henley Island on Oct. 29, 2022.

[brocku.ca/brock-news/2022/11/brock-para-rowers-encourage-growth-of-sport-at-university-level/](https://brocku.ca/brock-news/2022/11/brock-para-rowers-encourage-growth-of-sport-at-university-level/)

 **Brock Badgers medal at Canada Summer Games**

Brock University’s student-athletes captured a boatload of medals during the Niagara 2022 Canada Summer Games from Aug. 6 to 21, 2022. Rowers from the Brock Badgers claimed a total of 12 medals, with Stephen Harris of the men’s rowing team leading the way as the only rower to win three coveted golds. Brock men’s volleyball head coach Matt Ragogna, a member of Team Ontario’s coaching staff, won a bronze medal alongside incoming Badger Devin Cooney as Ontario defeated Team Quebec 3-0 (25-19, 26-24, 25-18) on Aug. 21.

[brocku.ca/brock-news/2022/08/brock-badgers-medal-at-canada-summer-games/](https://brocku.ca/brock-news/2022/08/brock-badgers-medal-at-canada-summer-games/)

 **Brock varsity wrestlers earn seven podiums at Canadian Wrestling Championships**

Brock Badgers men’s and women’s wrestlers competed at the 2023 Canadian Wrestling Championships in Waterloo. In total, Brock saw seven varsity wrestlers reach the podium at the national event. Headlining the results for Brock at the Canadian showcase, first-year wrestlers Vanessa Keefe and Bronwyn MacGregor both claimed gold medals. MacGregor earned her national gold by winning the junior women’s 62kg event, knocking off opponents from Calgary, GTA Impact, and Lakehead en route to the top step on the podium. Meanwhile, a U SPORTS bronze medalist and OUA gold medalist in the 72kg category, Keefe earned first place in the senior women’s 72kg with victories over two opponents from Edmonton and another from Western. Keefe also added a silver medal in the junior women’s 68kg event defeating competitors from Akhara and Edmonton, while suffering her only defeat of the championship to her opponent from Team Discipline.

[gobadgers.ca/news/2023/3/11/womens-wrestling-brock-varsity-wrestlers-earn-seven-podiums-at-canadian-wrestling-championships.aspx](https://gobadgers.ca/news/2023/3/11/womens-wrestling-brock-varsity-wrestlers-earn-seven-podiums-at-canadian-wrestling-championships.aspx)



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### Recognition

**Brock men’s lacrosse player named St. Catharines Athlete of the Year**

Brock men’s lacrosse player Mitchell Armstrong, a first-year Kinesiology student from St. Catharines, was named the City of St. Catharines’ 2022 Athlete of the Year. “It’s a complete honour to win this award and I don’t think it’s genuinely hit me yet. I’m still sitting with the fact that I won it,” said Armstrong. “It’s a culmination of hard work, but I wouldn’t be here without my teammates, coaches and family.” Armstrong’s teammates and coaches span across a variety of teams and sports. He won a gold medal with Team Canada at the 2022 International Indoor Junior Lacrosse (IIJL) championship in August before playing in his first campaign with the Brock Badgers this past fall 2022.

[gobadgers.ca/news/2023/4/10/mens-lacrosse-brock-mens-lacrosse-player-named-st-catharines-athlete-of-the-year.aspx](https://gobadgers.ca/news/2023/4/10/mens-lacrosse-brock-mens-lacrosse-player-named-st-catharines-athlete-of-the-year.aspx)

### Indigenous roots

**Brock student-athlete encourages reflection**

Each time Keelee Hollowell hits the ice with the Brock women’s hockey team, she reflects on her ancestry. The second-year Psychology student, whose family’s heritage has ties to the Mohawks of the Bay of Quinte, had her goaltender mask repainted with a mix of meaningful imagery that is close to her heart. “My back plate is a red dress hanging in a stall to represent Missing and Murdered Indigenous Women and Girls,” she said. “The rest of the helmet is portraying a traditional Indigenous headdress. I also have my community on the side with the words Mohawk Territory.” While the helmet often reminds Hollowell to reflect on the history of Indigenous Peoples in Canada, she wants to encourage others to do the same.

[brocku.ca/brock-news/2022/09/brock-student-athlete-encourages-reflection-beyond-national-day-for-truth-and-reconciliation/](https://brocku.ca/brock-news/2022/09/brock-student-athlete-encourages-reflection-beyond-national-day-for-truth-and-reconciliation/)

### Empowering women

**Brock women’s soccer coach empowering women on and off the field**

Carli Tingstad began carving out her own path in soccer before women working in the sports world was normalized. The Brock Badgers women’s soccer coach and Sport Club and Leadership Co-ordinator said there’s still work to be done to empower women through education and sport. On International Women’s Day, March 8, 2023 she reflected on how far sport has come and how far it still must go. “The game has grown immensely even since my short time in it,” Tingstad said. “There is more opportunity for women players to play and already many more female coaches than when I first started, but we have a responsibility to raise awareness about discrimination and take action toward women’s equality.”

[brocku.ca/brock-news/2023/03/brock-womens-soccer-coach-empowering-women-on-and-off-the-field/](https://brocku.ca/brock-news/2023/03/brock-womens-soccer-coach-empowering-women-on-and-off-the-field/)





**ALUMNI** [brocku.ca/alumni/awards](https://brocku.ca/alumni/awards)



**Alumni Recognition Awards**

The Brock University 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.

**DISTINGUISHED ALUMNI AWARD**

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

- Christina Le Rose (BA '07, BEd '10)

**OUTSTANDING YOUNG ALUMNI AWARD**

This award honours one young graduate for their outstanding contributions early in their career.

- Asad Jalib (BBA '20)

**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.

- Scott McRoberts (BSM '02) – Faculty of Applied Health Sciences
- Brendan Browne (PhD '13) – Faculty of Education
- Jordin Hall (BA '10) – Faculty of Humanities
- Paul Hubley (BSc '91) – Faculty of Mathematics and Science
- Karen Brown (BA '91) – Faculty of Social Sciences
- Rhonda Klosler (BBA '93) – Goodman School of Business

[brocku.ca/brock-news/2021/10/brock-university-announces-2021-distinguished-faculty-graduate-awards/](https://brocku.ca/brock-news/2021/10/brock-university-announces-2021-distinguished-faculty-graduate-awards/)

**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.

- Jeremy Ferdman (BA '09)

**ALUMNI CO-OP EMPLOYER AWARD**

This annual award honours one extraordinary graduate who has contributed to the success of Brock Co-op by being a champion of co-op within their organization, serving as a mentor to co-op students and going above and beyond to help their alma mater promote Brock Co-op.

- Darryl Moyers (BBA '11) and Tyler Stark (BBA '11)

**DAVID S. BETZNER AWARD**

This award recognizes a graduate who has demonstrated loyalty and commitment to their alma mater by supporting Brock University and/or the Alumni Association through continuous dedicated volunteer service.

- Christopher Yendt (BA '15, BEd '15, BEd '20, MEd '21)



**Brock grads having 'influential impact' on Canada Games**

Homecoming arrived early for a bevy of Brock University alumni in leadership positions across the Niagara 2022 Canada Summer Games. Among them was Steve Sevor (BPhEd '00, MEd '04), who served as Team Ontario's Chef de Mission, leading its athletes, coaches and other team members throughout the Games, which concluded Aug. 21, 2022. As the Official University Partner of the Games, Brock played a key role in the two-week sporting event – the largest ever held in Niagara – by providing the venue for four sports as well as the Athletes Village, which welcomed close to 5,000 athletes and coaches. The University has also shown its support through financial contributions, academic programming and by providing land for the construction of Canada Games Park. Sevor said Brock's institutional involvement has him proud to be a Badger. [brocku.ca/brock-news/2022/08/brock-grads-having-influential-impact-on-canada-games/](https://brocku.ca/brock-news/2022/08/brock-grads-having-influential-impact-on-canada-games/)



**Alumni success**

**Brock grad named President of Canadian Energy Geoscience Association**

Geologist and Brock graduate Simon Haynes (BSc '98) has been named President of the Canadian Energy Geoscience Association (CEGA) – an organization dedicated to advancing the professions of the energy geosciences. Haynes got a glimpse into the world of geology early in life. His father, Simon Haynes Sr., was a professor and economic geologist in the Earth Sciences Department at Brock University. Growing up, Haynes often accompanied his father on field trips and the occasional excursion to hunt for fossils. Now a geologist himself, Haynes went on to make a name for himself in the field. Though he had a clear connection to geology early on, it took Haynes time to determine which path to pursue professionally. "After high school, I was a bit aimless and it took me a while to figure out what I was interested in pursuing," he said. "I worked at an environmental company and took some schooling in Barrie, but it wasn't until I found success in a Geology class that I knew what I should do with my career." [brocku.ca/brock-news/2023/01/brock-grad-named-president-of-canadian-energy-geoscience-association/](https://brocku.ca/brock-news/2023/01/brock-grad-named-president-of-canadian-energy-geoscience-association/)



**My lifelong dream has finally come true,' says 85-year-old grad**

It was a dream 40 years in the making. On June 13, 2022, 85-year-old Jacqueline Wilson achieved a goal she's dreamed of for decades, graduating from Brock University with a Bachelor of Education (BEd) Specialist degree with a focus on special education. Wilson started at Brock in 1982 as a part-time student. By 1990, she was just one course shy of finishing her program. That term, however, the course she needed wasn't offered and her studies were temporarily put on hold. Wilson still went on to have a successful career in the special education field, but always envisioned a return to Brock to complete her degree. [brocku.ca/brock-news/2022/06/my-lifelong-dream-has-finally-come-true-says-85-year-old-grad/](https://brocku.ca/brock-news/2022/06/my-lifelong-dream-has-finally-come-true-says-85-year-old-grad/)



**Paralympian urges Brock grads to speak up against acts of hate, discrimination**

There are many moments in Elisabeth Walker-Young's (BPhEd '02) life when she wishes she had spoken up. Each instance left her filled with anger and sadness. Though she felt compelled to intervene, she stood idly by. But the four-time Paralympian, who received an honorary doctorate during Brock's 112th Convocation October 14, 2022, is actively working to change that pattern – and she's encouraging others to do the same. During her Convocation address, the Brock alumna and member of the Order of Canada asked the University's newest graduates to reflect on a similar time in their own lives when something happened that they knew wasn't right, but rather than speak up, they remained silent.

[brocku.ca/brock-news/2022/10/gallery-paralympian-urges-brock-grads-to-speak-up-against-acts-of-hate-discrimination/](https://brocku.ca/brock-news/2022/10/gallery-paralympian-urges-brock-grads-to-speak-up-against-acts-of-hate-discrimination/)



**Brock grads working to reprogram game industry with help of LINCubator**

Agusia Krzywinska (BSc '20) and Adam Henderson (BA '20) want to make their mark in the booming gaming industry. Graduates of Brock's GAME program, a highly competitive program offered by the University's Centre of Digital Humanities, the Department of Computer Science and concurrently with Niagara College, the pair launched their mobile game studio, Adjective Noun Studios, following graduation in 2020. Krzywinska and Henderson applied to Brock's Kick-Starting Entrepreneurship program, which helps young entrepreneurs with a business idea to further develop their goals through mentorship, coaching and building community with other participants. They have released two games: Fisherman and the Sea, and Hotel Hermes.

[brocku.ca/brock-news/2022/09/brock-grads-working-to-reprogram-game-industry-with-help-of-lincubator/](https://brocku.ca/brock-news/2022/09/brock-grads-working-to-reprogram-game-industry-with-help-of-lincubator/)



# Brock student excellence

## Brock Leaders Citizenship Award

Brock Leaders Citizenship Awards recognize a combination of high academic achievement and personal leadership abilities. The students listed below have demonstrated excellence in fine arts, writing, debating, science, extracurricular activities and/or significant citizenship contributions to the community.

- Rhaya Clyne – Social Sciences
- Hinkal Patel – Mathematics and Science
- Lauren Fleming – Social Sciences
- Adriana VanBerkel – Mathematics and Science
- Keira Heagle – Social Sciences
- Naomi Lawrence – Goodman School of Business
- Xavier Stephens – Applied Health Sciences
- Tina Nguyen – Applied Health Sciences
- Michelle Gaka – Goodman School of Business
- Ava Schwarz – Applied Health Sciences
- Shelby Vollmershausen – Social Sciences
- Macy Clements – Applied Health Sciences
- Nina McGregor – Applied Health 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.

- Aishah Sonekan– Social Sciences
- Evelin Melekh– Applied Health Sciences
- Angelica Pangilinan– Social Sciences
- Hamed Karagahi– Applied Health Sciences
- Ashley Giroux– Applied Health Sciences
- Sophie Johnston– Applied Health Sciences
- Emily Bonisteel– Applied Health Sciences
- Wantao Xiao– Mathematics and Science
- Rakha Zabin– Education
- Larissa Dellaventura– Goodman School of Business

## Aboriginal Achievement Awards

The Aboriginal Achievement Awards are presented by Brock’s Student Success Centre and Hadiya’dagénhahs First Nations, Métis and Inuit Student Centre to honour high-level achievers in their studies and off-campus lives.

- Lyndon Duff – Mathematics and Science
- Cassandra Carlson – Mathematics and Science

## 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.

- Cassandra Campanella – Social Sciences
- Daislyn Vidal – Applied Health Sciences
- Annilea Purser – Social Sciences
- Haley Myatt – Social Sciences
- Silvana Nguyen – Mathematics and Science
- Scott Miskey – Mathematics and Science
- Emily Bonisteel – Applied Health Sciences
- Chimerem Amiaka – Applied Health Sciences
- Loredana Amatuzio – Education
- Giang Nguyen Hoang (Kevin) Le – Education
- Ashley Rydzik – Humanities
- Bao Huynh – Goodman School of Business
- Deeya Chhabra – Goodman School of Business

## 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** – Amirali Madani – Mathematics and Science
- **Silver** – Domenic Alfieri – Goodman School of Business
- **Silver** – Jordan Masi – Applied Health Sciences

## Co-op and Experiential Education Awards

Co-op Students 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 the community at large.

- Undergraduate – Trenton Campbell, Honours Bachelor of Business Administration
- Graduate – Somnath Srinath, Master of Business Administration

The Experiential Education Student of the Year Awards recognize students’ achievements in all facets of experiential learning.

- Abdul Hannan Anjum – Goodman School of Business

# Teaching awards

## Teaching Awards 2022-23

### Society for Teaching and Learning in Higher Education 3M National Teaching Fellowship

The award was created by the Society for Teaching and Learning in Higher Education to recognize exceptional teachers in post-secondary education. Every year, the fellowship celebrates 10 university and college educators who show leadership in enhancing post-secondary education and a sustained dedication to undergraduate education.

**Kai-Yu Wang, Marketing, International Business and Strategy:** Wang has received international accolades for the unique partnership model he created that connects students to community partners and integrates service-learning projects into his classes. These collaborations allow students to solve real-world marketing problems by planning and delivering proposals and solutions.

### Brock University Distinguished Teaching Award

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

**Tim Fletcher, Kinesiology:** Fletcher teaches aspiring elementary and secondary school educators and coaches the principles of physical education, including fundamental movement skills, games and reflective practice. A key component of Fletcher’s teaching philosophy is developing relationships with students by finding commonalities and nurturing connections.

### 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.

- Priscilla Burnham Riosa, Applied Disability Studies (co-recipient)
- Alisa Grigorovich, Recreation and Leisure Studies (co-recipient)

### 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.

- Natalie Spadafora, Child and Youth Studies

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

The Don Ursino Award for Excellence in the Teaching of Large Classes is awarded to an outstanding instructor who demonstrates commitment to the improvement of student learning in a large class.

- Kate Cassidy, Communications, Pop Culture, and Film (co-recipient)
- David Hutchison, Education and Digital Humanities (co-recipient)



Kai-Yu Wang,  
Professor,  
Marketing



Tim Fletcher,  
Associate  
Professor,  
Kinesiology



Priscilla Burnham  
Riosa,  
Associate Professor,  
Applied Disability  
Studies



Alisa  
Grigorovich,  
Assistant  
Professor,  
Recreation  
and Leisure  
Studies



Natalie Spadafora,  
Instructor,  
Child and Youth  
Studies



Kate Cassidy,  
Adjunct  
Professor,  
Department of  
Communication,  
Popular Culture  
and Film



David Hutchison,  
Professor  
and Chair,  
Educational  
Studies



Dirk De Clercq,  
Professor,  
Management



Barak Shoshany,  
Assistant  
Professor,  
Physics



Maureen  
Connolly,  
Professor,  
Physical  
Education and  
Kinesiology



Dolana  
Mogadime,  
Professor,  
Faculty of  
Education



Mike Griffin,  
Department of  
Dramatic Arts



Erin Panda,  
Assistant  
Professor,  
Department of  
Child and Youth  
Studies



Faculty Awards for Excellence in Teaching

Faculty-specific teaching awards celebrate excellence in teaching by recognizing the contributions of instructors to teaching and learning within a specific Faculty.

- **Goodman School of Business:** Dirk De Clercq, Management
- **Faculty of Mathematics and Science:** Barak Shoshany, Department of Physics
- **Faculty of Applied Health Sciences:** Maureen Connolly, Department of Kinesiology
- **Faculty of Education:** Dolana Mogadime, Department of Education
- **Faculty of Humanities:** Mike Griffin, Department of Dramatic Arts
- **Faculty of Social Sciences:** Erin Panda, Department of Child and Youth Studies

Teaching Assistant Awards 2022-23

The Teaching Assistant Award was established in 1998 to recognize the important contributions to the university by teaching assistants, seminar leaders and lab demonstrators. Since 1998, three additional awards have been created to recognize and celebrate excellence in teaching demonstrated by teaching assistants at Brock. Award recipients below (from left) Thien Bao Le, Oya Pakkal, Zihang Bu, Alison Smoke, Nwakerendu (Kay) Waboso and Rebecca Rios.

TA Award

- Oya Pakkal, Psychology

Graduate TA Award

- Nwakerendu (Kay) Waboso, Child and Youth Studies

Novice TA Award

- Alison Smoke, Health Sciences (co-recipient)
- Rebecca Rios, Health Sciences (co-recipient)

International TA Award

- Thien Bao Le, Biology (co-recipient)
- Zihang Bu, Child and Youth Studies (co-recipient)



Graduate Studies awards

Marilyn Rose Graduate Leadership Award

The award recognizes individuals for their vision and leadership on behalf of Graduate Studies at Brock in areas such as academic programming, research and scholarship, student services, and student experience initiatives – the kind of work through which a strong and vital graduate culture has emerged in support of graduate students and in support of the University’s academic and research goals.

- Katrina Carbonara, Student, MSc in Applied Health Sciences

Michael Pleyley Graduate Mentorship Award

Nominations come from graduate students as an opportunity for them to pay tribute to an individual graduate faculty member who has provided them with outstanding support and encouragement in their development as a graduate researcher.

- Stephen Cheung, Professor, Department of Kinesiology
- Alison Cox, Assistant Professor, Department of Applied Disability Studies

Suzanne Curtin-Christopher Yendt Graduate Collaboration Award

Established in 2023, the Suzanne Curtin – Christopher Yendt Graduate Collaboration Award was created to recognize graduate students who have been outstanding in collaboration and leadership efforts in the Brock graduate community and beyond.

- **Inaugural winner:** Haley Myatt, MA in Child and Youth Studies

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.

- Zahra Fouladgar, MSc in Management
- Stacey Woods, PhD in Applied Health Sciences
- Carl Alano, MSc in Applied Health Sciences
- Robert Blom, PhD in Educational Studies
- Madelyn Huston, MA in Classics
- Marley Liepert, PhD in Interdisciplinary Humanities
- Anne Worrell, PhD in Chemistry
- Joshua Labrie, MSc in Earth Sciences
- Kaitlyn Carr, MS in Sustainability
- Victoria Dykstra, PhD in Psychology

Horizon Graduate Scholarship

Launched in 2020-21 academic year, the Horizon Scholarship fund (set to provide \$1 million to incoming students over 10 years) is intended to help Brock attract top researchers and students from various fields while building a diverse and inclusive university community. This past year, the Faculty of Graduate Studies awarded 20 high-achieving graduate students from research-based programs the one-time \$5,000 scholarship. Please see the following link for the full list of recipients:

[brocku.ca/brock-news/2023/03/horizon-scholarship-recipients-on-path-to-becoming-tomorrows-changemakers/](https://brocku.ca/brock-news/2023/03/horizon-scholarship-recipients-on-path-to-becoming-tomorrows-changemakers/)

Katrina  
Carbonara,  
Student,  
MSc in Applied  
Health Sciences



Stephen  
Cheung,  
Professor,  
Department of  
Kinesiology



Alison Cox,  
Assistant Professor,  
Department of  
Applied Disability  
Studies



Haley Myatt,  
Student,  
MA in Child  
and Youth  
Studies





Caitlin Mahy,  
Associate  
Professor,  
Psychology



Dirk De Clercq,  
Professor,  
Management



Asif Khowaja,  
Assistant  
Professor,  
Health  
Sciences



## Canada Research Chairs (CRC) at Brock, April 2023

### TIER 1

- **Andrea Doucet** – CRC in Gender, Work, Care and Community
- **Newman Sze** – CRC in Mechanisms of Health and Disease

### TIER 2

- **Julia Baird** – CRC in Human Dimensions of Water Resources and Water Resilience
- **Karen Campbell** – CRC in Cognitive Neuroscience of Aging
- **Paula Duarte-Guterman** – CRC in Behavioural Neuroscience
- **Val Fajardo** – CRC in Tissue Remodelling and Plasticity throughout the Lifespan
- **Michael Holmes** – CRC in Neuromuscular Mechanics and Ergonomics
- **Matthew Kwan** – CRC in Youth Mental Health and Performance
- **Yifeng Li** – CRC in Machine Learning for Biomedical Data Science
- **Danielle Sirianni Molnar** – CRC in Adjustment and Well-Being in Children and Youth

## Research awards and Canada Research Chairs (CRC)

### Chancellor's Chair for Research Excellence

**Caitlin Mahy, Psychology:** Associate Professor of Psychology Caitlin Mahy studies the development of prospective memory, which is the ability to remember to carry out an action in the future, as well as factors that influence prospective memory performance in early childhood and in aging, and how children project themselves into future scenarios. Her latest research focuses on how procrastination affects children's thinking about the future and their self-control.

### Distinguished Research and Creative Activity Award

**Dirk De Clercq, Management:** Professor Dirk De Clercq studies entrepreneurship, including personal and organizational characteristics that determine employees' entrepreneurial work behaviours; opportunities and difficulties entrepreneurial firms encounter when they seek to internationalize or create social value; and how the broader institutional environment stimulates start-up activities, growth-oriented entrepreneurship, and country-level innovation.

### Early Career Research and Creative Activity Award

**Asif Khowaja, Health Sciences:** Assistant Professor Asif Khowaja's research area is found at the intersection of health and economics. He studies the broader socio-economic impacts of community-based interventions; health-care costs for patients, caregivers, and those in the health-care system; and the economics of maternal, newborn and child health programs in Canada and abroad.

### Brock University Indigenous Research Grants

These grants support research or creative activities in any discipline and on any topic that relates to Indigenous Peoples.

- **Maureen Connolly, Faculty of Applied Health Sciences:** "Decolonizing experiential learning on the Brock University campus: A case study"
- **Liam Midzain-Gobin, Faculty of Social Sciences:** "Indigenous Affordable Housing in Niagara"
- **Constance Schumacher, Faculty of Applied Health Sciences:** "Defining a Good Life: Community Partnerships and interRAI Data"
- **Kevin Turner, Faculty of Social Sciences:** "The sky is the limit for community monitoring of climate change impacts in Old Crow, Yukon"

### Canada Research Chairs

The Canada Research Chairs (CRC) Program was created by the federal government 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. Brock University gained a new Canada Research Chair near the end of 2022. Yifeng Li is Tier 2 Canada Research Chair in Machine Learning for Biomedical Data Science. Also, Associate Professor Julia Baird's Tier 2 CRC was renewed. In April 2023, Brock had 10 active CRCs. Brock University has a total allocation of 14 CRC positions.

## Excellence in staff

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

Brock Central, from left, Amanda Hill, Student Information and Service Advisor; Bradley Sutherland, Student Information and Service Advisor; Elyse Lappano, Manager, Student Information and Services; Rosalia Friedrich, Student Information and Service Advisor; Claudia Ferraro, Student Information and Service Advisor; Cara Jeffery, Student Information and Service Advisor; Jordan Belanger, Student Information and Service Advisor; and Colton Clause, Team Lead, Student Information and Service.



### President's Distinguished Staff Award for Outstanding Contributions

The President's Distinguished Staff Service Award for Outstanding Contributions recognizes employees who have excelled in demonstrating exemplary service and have provided outstanding contributions to the working environment and culture at Brock at a level significantly beyond normal expectations. The 2022 winners were:

- Drew Cullen, Asset Management & Utilities
- Rick Manning, Facilities
- Debbie Ouellette, Sociology
- Barbara Tatarnic, CCOVI

### Human Resources Distinguished Staff Service Award for Leadership

The Human Resources Distinguished Service Award for Leadership is awarded to one staff member each year who has demonstrated a proven record of leading and working collaboratively, engaging fellow employees, building strong partnerships and furthering the development of a respectful work and learning environment. The 2022 winner was:

- Kelly Lipovsky, Customer Service Coordinator, Facilities Management

### Outstanding Team Service Award

A new employee service award celebrating the power of teamwork was created in 2021 by the Office of the President and Vice-Chancellor. This award annually recognizes a team of faculty and/or staff members for their outstanding contributions throughout the year beyond what is normally expected. The 2022 team award went to:

- Brock Central

### Years of Service

Brock University celebrates employees who have reached significant service milestones in their careers. Employees who reached these milestones in 2022 were:

#### 25 YEARS OF SERVICE TO BROCK

- Sheila Bennett, Professor, Educational Studies
- Lilly Biamonte, Senior Business Systems Analyst, Enterprise Solutions
- Marian Bredin, Professor, Communications, Popular Culture and Film
- Anthony Bogaert, Professor, Health Sciences
- Roman Cierny, Network Supervisor, IT Infrastructure
- Sharon Janzen, Map Library Associate/Geospatial Data Co-ordinator, Map, Data and GIS Library
- Marie Reimer, Special Projects and Operations Co-ordinator, Ancillary Services
- Caroline Romero, Administrative Assistant, Earth Sciences
- Anamitra Shome, Associate Professor, Accounting
- David Telfer, Professor, Geography and Tourism Studies

#### 35 YEARS OF SERVICE TO BROCK

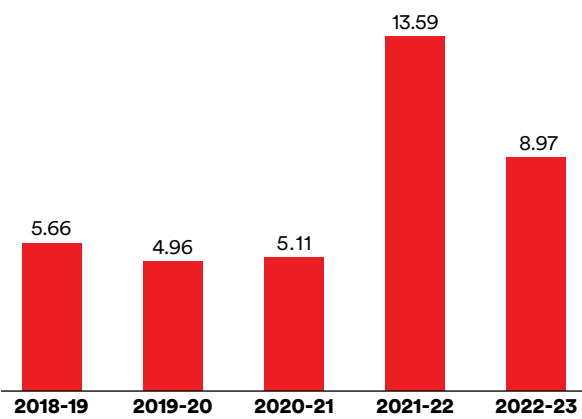
- Ian Adamson, Associate Professor, Accounting
- Rick Currie, Electrician, Facilities Electrical
- Robert Dimand, Professor, Economics
- Dorothy Levay, Instructor/ Manager, Academic Support, Mathematics and Statistics
- Rob Witte, Locksmith, Facilities Carpentry
- Kimberley Pelchat, Manager, Instructional Resource Centre, Education
- Edith Williams, Special Collections and Archives Assistant, Archives and Special Collections

[brocku.ca/brock-news/2022/12/exceptional-employees-longstanding-service-honoured-at-brock-presidents-celebration/](https://brocku.ca/brock-news/2022/12/exceptional-employees-longstanding-service-honoured-at-brock-presidents-celebration/)

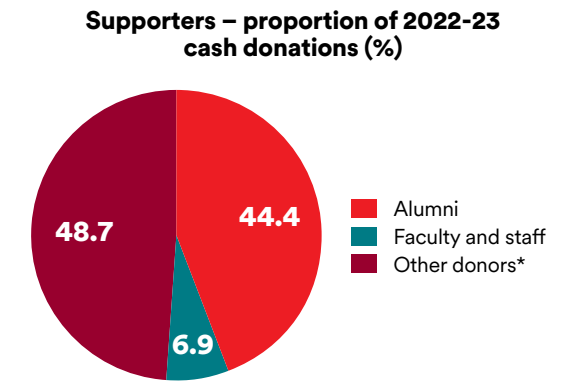


# Donor engagement

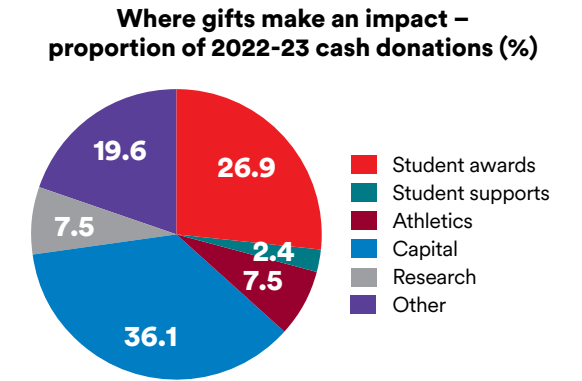
Figure 31  
Giving at a glance – cash received (\$millions)



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. Figures include: realized gifts (cash, stock/property/pledge and recurring gift fulfillment, other, gifts in kind, sponsorships, alumni affinity, new gifts and new planned gifts secured).



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



## \$500,000 gift to support women in STEM, aspiring entrepreneurs

Women students and researchers working and studying in the fields of science, technology, engineering and math (STEM), as well as those developing their own business ideas, got a substantial boost thanks to a generous gift from Brock University Chancellor Hilary Pearson and her husband Michael Sabia.

The \$500,000 gift — made in honour of noted Niagara politician, journalist and women’s rights leader Laura Sabia — will support students and researchers in the Yousef Haj-Ahmad Department of Engineering and in the Entrepreneurship Co-op program. Laura Sabia was the mother of Michael Sabia and a strong public advocate for women’s success in business and professional occupations.

“We are committed to supporting women students and researchers in kick-starting their careers and engaging in world-class research,” says Pearson. “The world needs more women in STEM and more women exploring entrepreneurship, and we can’t think of a better place for them to do that than at Brock.” Part of the gift will expand and support the University’s entrepreneurial co-op program, which provides students with the opportunity to dedicate a paid co-op work term to developing and launching their business idea.

Laura Sabia Entrepreneur positions will include a four-month paid co-op, as well as coaching and mentorship from the Brock LINC, and will give students the time to further develop their business ideas and explore entrepreneurship as a viable career path.

Another portion of the gift will support the Laura Sabia Scholarships, provided annually to women students in STEM subject areas and, in the future, those applying to the Yousef Haj-Ahmad Department of Engineering.

The third part of the gift will fund the Laura Sabia Research Scholar awards for researchers in the Yousef Haj-Ahmad Department of Engineering, with a priority on women researchers or projects involving women students. “This is a wonderful gift that will have a profound impact on Brock students and researchers,” says Lesley Rigg, Brock’s President and Vice-Chancellor. “I applaud Chancellor Pearson and her family for their foresight and vision, and on behalf of the entire Brock community, thank them for their generous support.”

– Continued

Sabia was a founding member of the National Action Committee on the Status of Women, was President of the Canadian Federation of University Women, and served on St. Catharines City Council from 1963 to 1968. In 1974, she was made an Officer of the Order of Canada “for her devoted service to the cause of the status of women.”

Much of Pearson’s career in the last two decades has been spent advancing a culture of philanthropy in Canada. She served as President of Philanthropic Foundations Canada for 18 years, working closely with many of the country’s largest private charitable foundations. In 2018, she was named a Member of the Order of Canada.

[brocku.ca/brock-news/2023/04/500000-gift-to-support-women-in-stem-aspiring-entrepreneurs/](https://brocku.ca/brock-news/2023/04/500000-gift-to-support-women-in-stem-aspiring-entrepreneurs/)

## Metroland Media selects Brock to house nearly 100 years of local history

Brock University Library is the new home of nearly 100 years of Niagara history as documented by the St. Catharines Standard and Niagara Falls Review newspapers.

Metroland Media Group selected the Brock Library for its expertise in archival preservation and stewardship, gifting the Library its extensive

collection of clippings, photo prints and negatives, microfilm, files, notes and more.

The generous gift-in-kind is valued at more than \$1.2M. Some materials in the collection date back to the early 1900s, but the most significant portion covers local history from the 1960s to the dawn of the new millennium.

“Niagara’s local newspapers play a key role in keeping the community informed and engaged, as they have for decades,” says Lesley Rigg, Brock’s President and Vice-Chancellor. “We’re honoured to house these important materials at Brock, and to contribute to the preservation of Niagara’s rich history as documented by Metroland’s journalists.”

Housing the collection at Brock will ensure continued public and researcher access to the files, which offer an invaluable look at both local history as well as how news was gathered and produced in the 20th century.

“Part of ensuring the future of the Niagara Region is shoring up our past and our memories of the region as it once was,” said Neil Oliver, Chief Executive Officer and President of Metroland Media. “The donation is part of the deepening ways that Metroland is working with other great institutions in the area to create a lasting legacy for the people of the Niagara Region.”

“We are absolutely thrilled Metroland Media has entrusted us with the stewardship of this collection,” says David Sharron, Brock’s Head of Archives and Special Collections. “In addition to assisting local residents, the collection will be a real boon to researchers working to better understand life in Niagara and the history of news media across the region.”

Among the materials are more than 2,000 photos from the collection of Niagara Falls Review publisher Frank Leslie, who turned the images into popular postcards.

The Library has already launched an online exhibit featuring a selection of photos shot by reporters from both papers. The collection will be available for public access while archives staff inventory the materials.

[brocku.ca/brock-news/2023/03/metroland-media-selects-brock-to-house-nearly-100-years-of-local-history/](https://brocku.ca/brock-news/2023/03/metroland-media-selects-brock-to-house-nearly-100-years-of-local-history/)



Pictured from left: Sonia Dupre, Brock Executive Director, Development and Alumni Relations; University Librarian Mark Robertson; Angus Scott, Editor In Chief, St. Catharines Standard, Niagara Falls Review and Welland Tribune; Brock President and Vice-Chancellor Lesley Rigg; Dana Robbins, Vice President, Content, Community and Operations, Metroland Media Group; Bob Hepburn, Director, Communications and Community Relations, Torstar Corporation; Ed Cassavoy, Director of Content Partnerships & Strategy, Torstar Corporation; and David Sharron, Head of Brock’s Archives and Special Collections.









# Our people

## Brock Wellness

Wellness continues to be an integral focus of the Brock community as we focus on how well-being influences the overall employee health and supports a culture that values work-life balance.

The University’s 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) which has evolved since its inception. Some of this past year’s initiatives included:

- Physical activity challenges have been developed that can be incorporated into the workday.
- The protection against second-hand smoke and vapour: smoking and vaping of tobacco, nicotine or related products is prohibited except in established outdoor designated smoking areas, and smoking and vaping of recreational cannabis is prohibited.
- The Work-Life Balance Bulletin was created to offer tips and recommendations for separating work activities from personal time.
- Many virtual seminars and resources continue to be shared with faculty and staff to promote well-being.
- Brock continued to promote the enhanced Employee and Family Assistance Program (EFAP) electronic platform, which provides a wide range of individualized, confidential and voluntary support services to eligible employees and their dependents.

Central to the Workplace Wellness Framework is the Employee Mental Health Strategy, which promoted positive mental health to ensure the following

objectives were achieved: 1) Raised awareness and promoted well-being, 2) Developed personal resilience and self-management, 3) Addressed gaps by enhancing services, programs, and supports through prevention, and 4) Created and sustained 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.

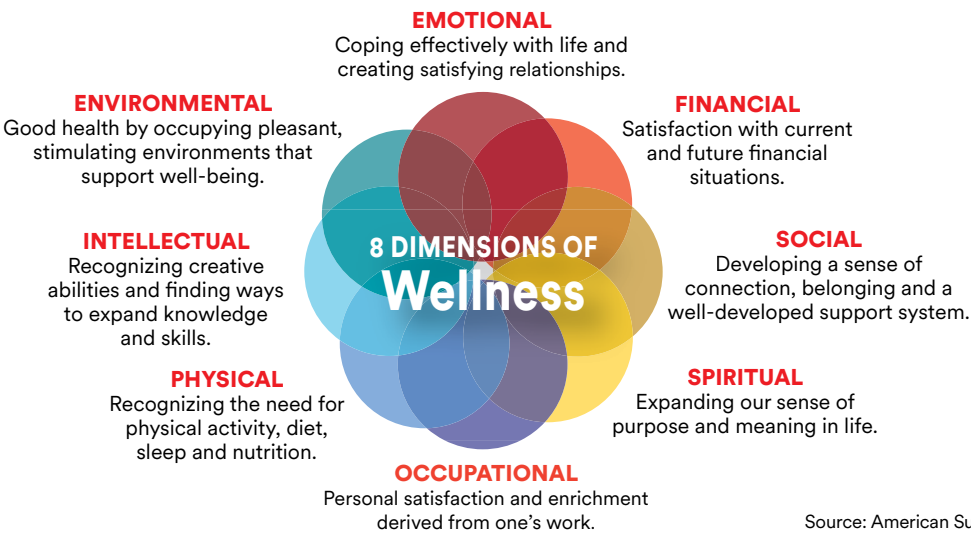
The University continues to ensure mental health resources are both available and applicable to adapt to the changing needs of our Brock community.

## Developing a People Strategy

Believing in attracting, developing, and retaining top talent, and recognizing the importance of faculty and staff in ensuring the success of Brock, our University leadership has championed the development of a People Strategy.

The People Strategy at Brock University delivers an overarching structured framework to guide and apply all aspects of an organization's human resource deliverables, functions, and programs. The People Strategy identifies the long-term vision, supporting success factors, and the most immediate priorities and the re-allocation of resources needed to achieve the University's mandate and the employee experience expectation. A People Strategy will not only improve the performance and the experience of the individual

Figure 33



Source: American Substance Abuse and Mental Health Services Administration



or the team collectively but will also help improve the University's performance as a whole and allows us to be proactive and resilient to feedback and environmental changes.

Although the work on the People Strategy was paused to focus on COVID-19 response and recovery, we are excited to refresh this work to be able to capture the significant shift that has emerged over the last few years around the role of our workplace and the future of our work. A draft People Strategy has been developed and is currently going through extensive review. We anticipate being able to translate this work into a formalized People Strategy and plan of action over the next year.

Building leadership capacity

Brock is an organization with a mandate and mission to help people grow and develop, and that focus applies to our staff, faculty, and students.

Building on the successful launch of Brock's leadership programs, 'Leading at Brock' and 'Emerging Leaders', in 2021 and 2022, a third offering of the programs was launched in March 2023. The 'Emerging Leaders' program helps to build skills for those in non-management positions who wish to take on greater leadership roles within their current sphere of influence and scope of duties. The 'Leading at Brock' program is for current, new, or seasoned people leaders looking to enhance their leadership capabilities. This workshop series seeks to deepen and strengthen leadership skills as well as increase knowledge of core topics related to management at Brock.

In February 2023, the Office of People and Culture also reintroduced Crucial Conversations, a program that combines the strategies, theories, and tools to turn a disagreement or a difficult conversation into a constructive and positive dialogue and manage the conversation effectively and respectfully while being mindful of feelings and emotions.

As part of our evolving vision for the leadership development platform, we have introduced the Harvard ManageMentor program in January 2023. Participants pursue personal and professional learning and development objectives and provide feedback about their learning experiences with the highest quality content that engage and motivate learners. Harvard ManageMentor is fueled by the latest thinking and proven practices from Harvard Business Publishing's world-class experts.

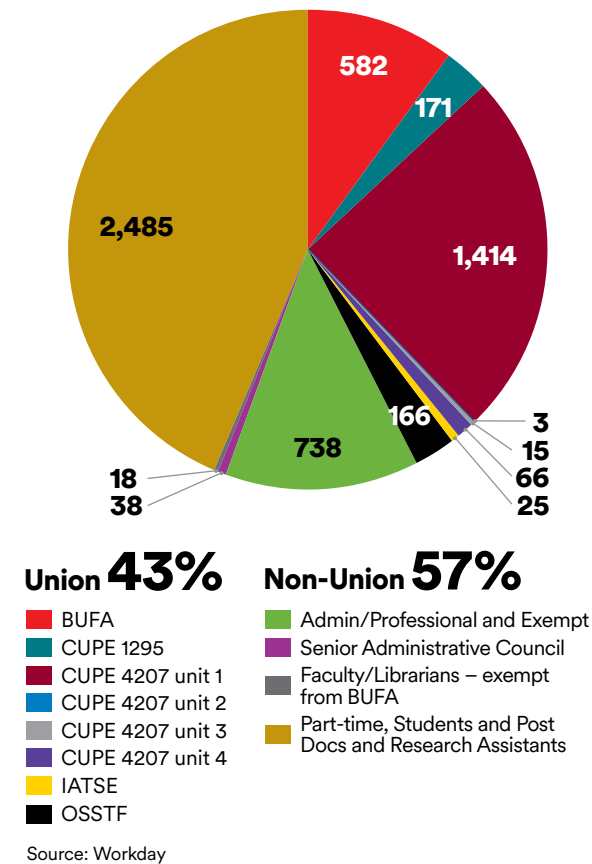
Participants have access to 41 courses, some of which are focus courses. The curated focus courses have been selected to complement Brock's existing leadership programs, support the people goals in Brock's strategic plan, and reflect thought leadership in leadership development.

The formal Brock Employee Mentorship Program, which is now in its fourth year, is currently in the planning stages. This program is intended to match mentors and mentees from across the University, building relationships, experiences for growth and opportunities for collaboration.

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 employee headcount by employee group as of May 1, 2023.

Figure 34: Headcount by employee group (May 1, 2023)



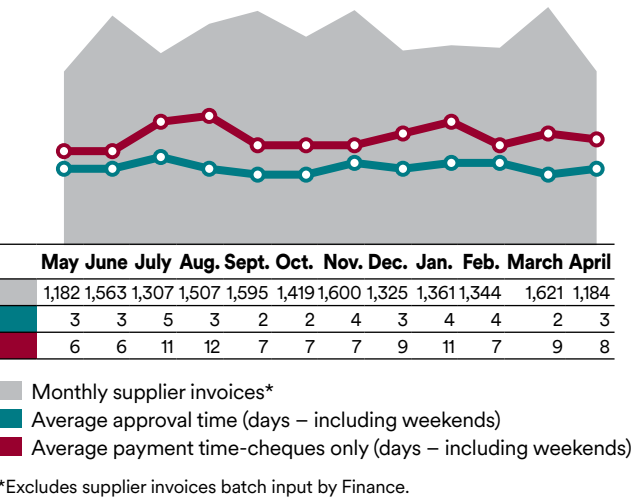
Reviewing the numbers

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

Figure 35: Supplier invoice lifecycle (2022-23)



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

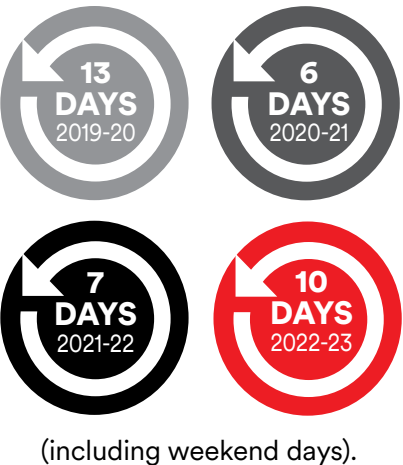
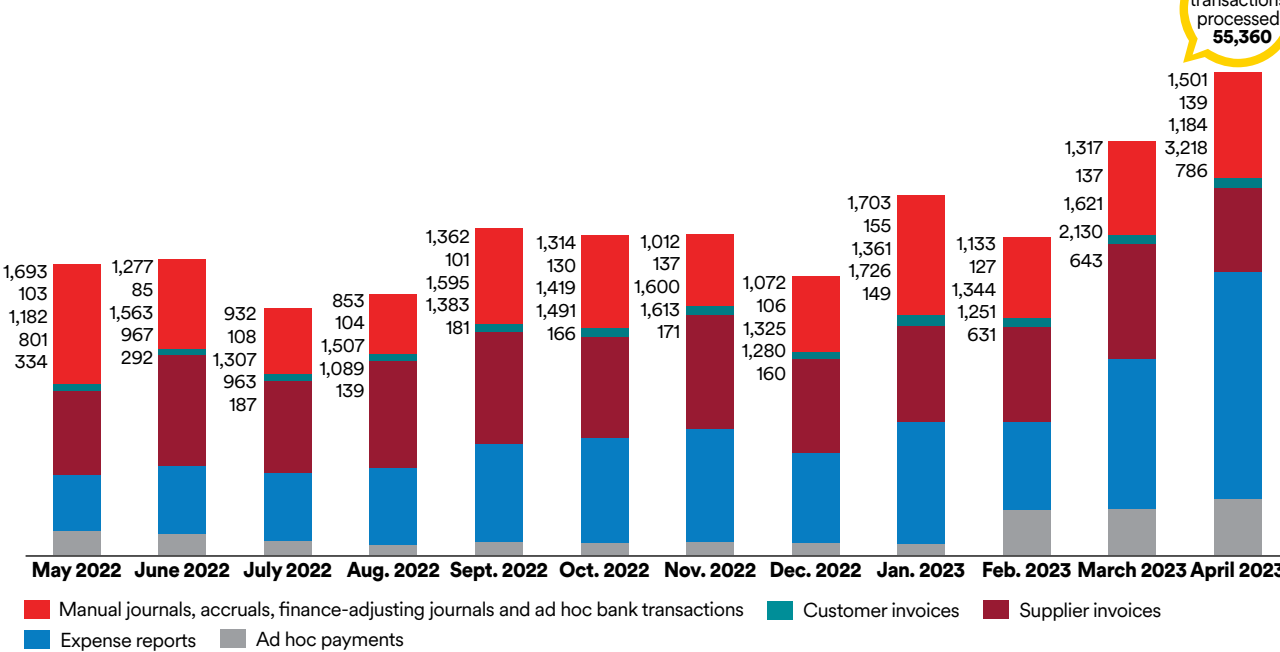


Figure 36: Number of transactions processed in Workday in 2022-23 - by type





Tracking spending type

Figure 37

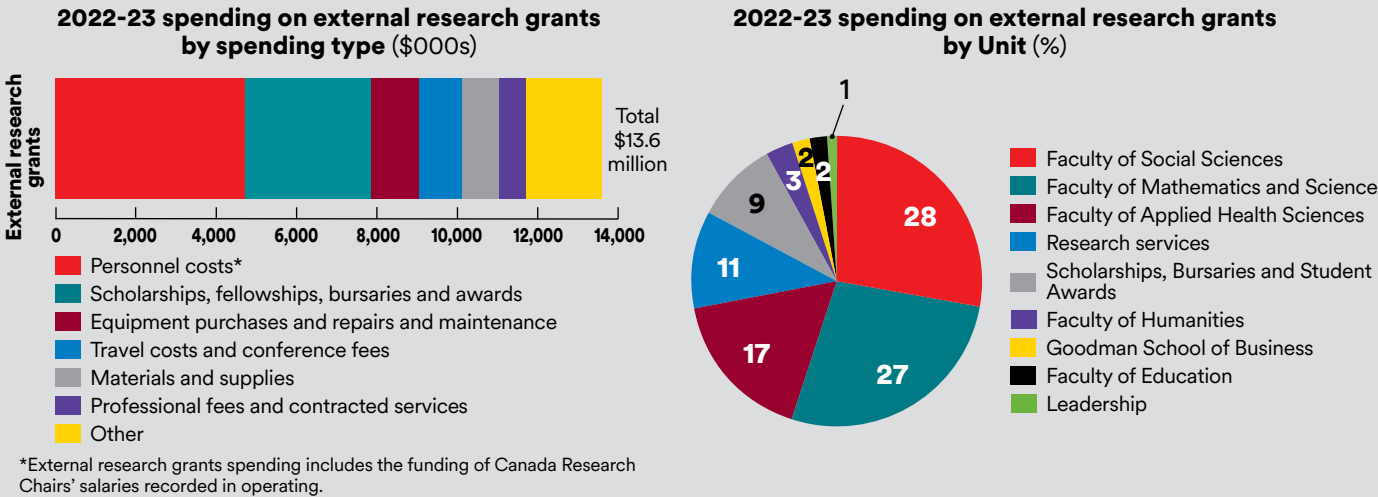


Figure 38

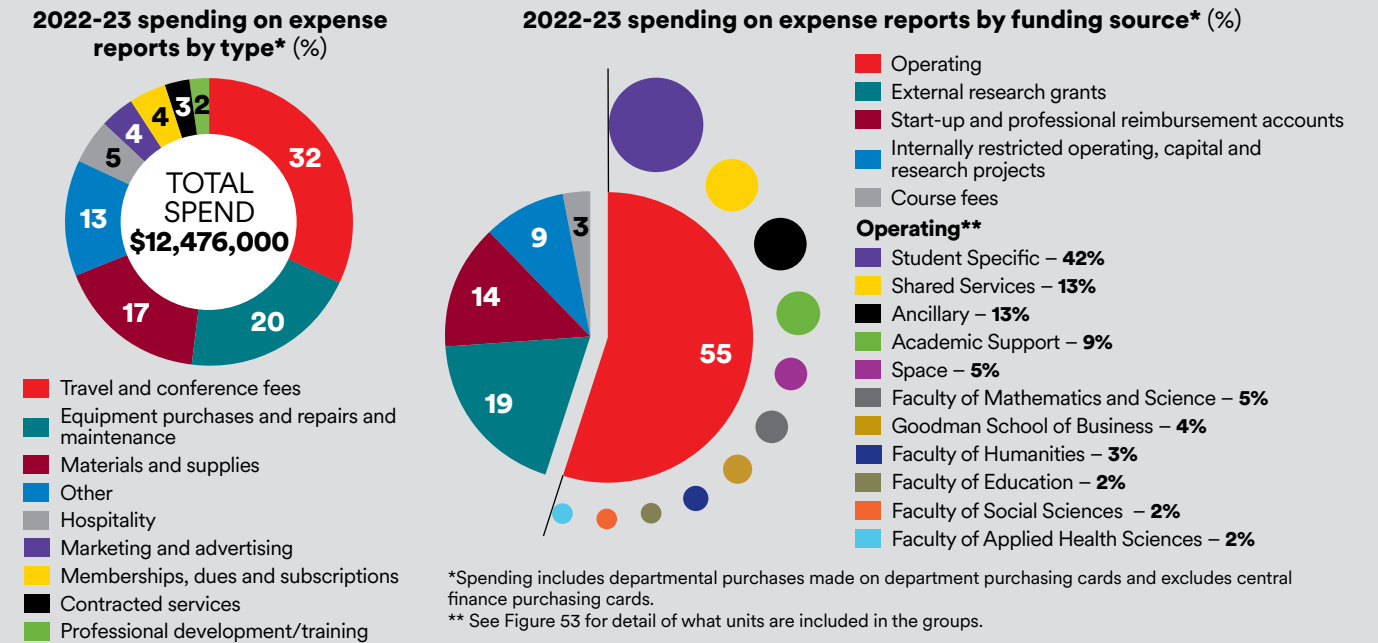
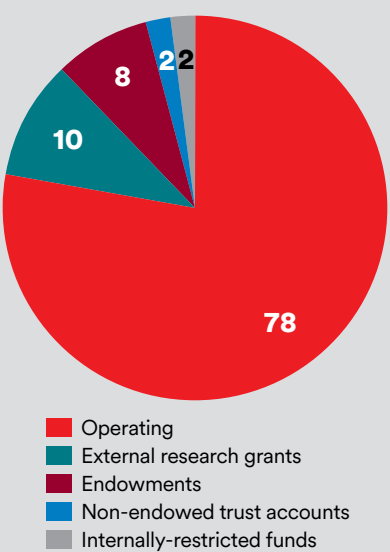


Figure 39: 2022-23 Scholarships, Fellowships, Bursaries and Awards by funding source (%)



The following are the average values of transactions for 2022-23:

- Expense reports – \$721
- Supplier invoices – \$8,512
- Ad hoc payments – \$749

Total active purchasing cards as of April 30, 2023 was **1,087** with spending on purchasing cards totalling more than **\$20.6 million** in 2022-23.

Tracking suppliers, regional spending and collaborative buying

Figure 40: Collaborative agreements through group purchasing organizations

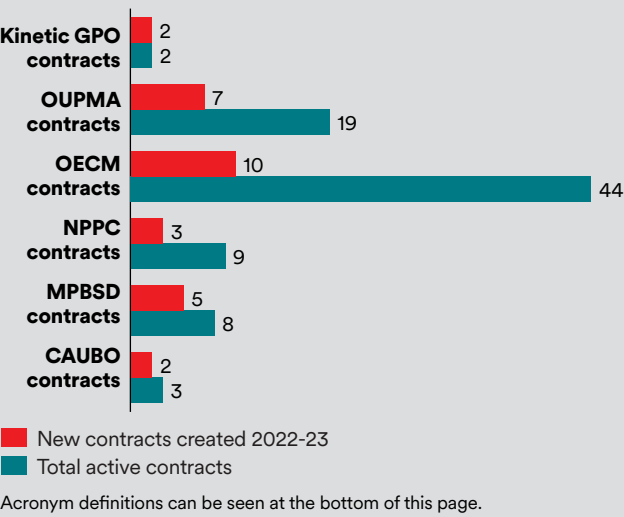


Figure 41: Brock's top suppliers by operating cost amount

Supplier	Purchase
City of St. Catharines	Water and taxes
Cowan Insurance Ltd.	Insurance
Canadian Research Knowledge Network	Library acquisitions
Council of Ontario Universities	Library acquisitions
Horizon	Electricity
Brock Plaza Corporation	Residence lease payments
Rodman Art Institute of Niagara	Art custodian
Shell Energy North America (Canada) Inc.	Electricity
Enbridge	Natural gas
CURIE	Insurance
Garda	Security
FirstOntario Performing Arts Centre	Facilities rental
The Canada Games Park Consortium	Shared facility operations
Marsh Canada Limited – Head Office	Insurance
Glacier Communications Inc.	Online marketing and advertising

Figure 42

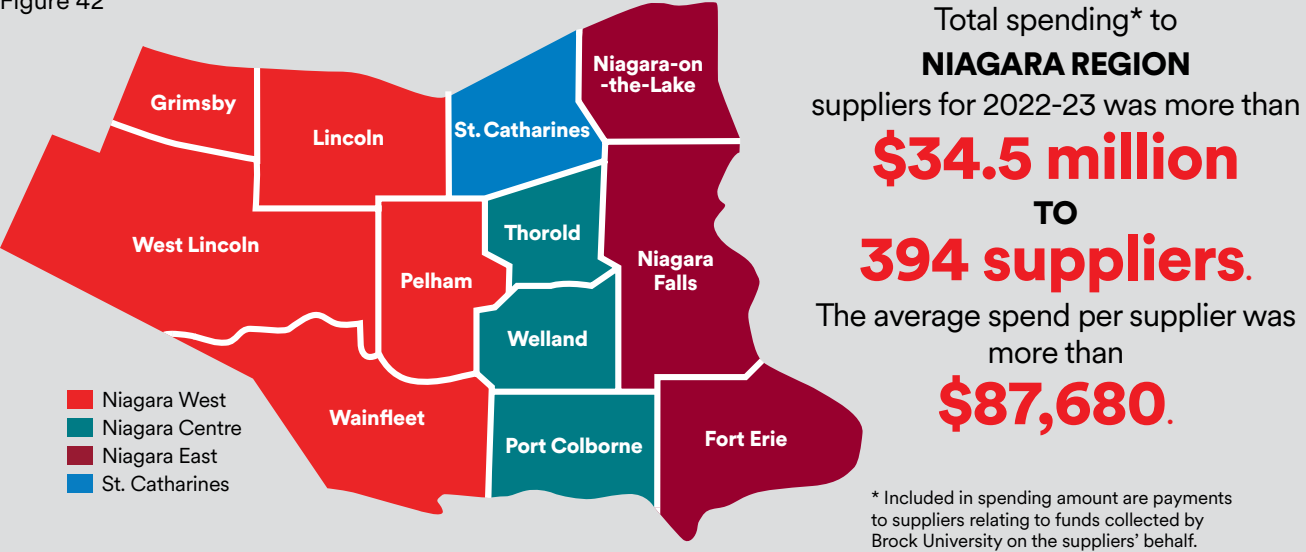


Figure 43

Top Niagara region suppliers by spend amount:

- City of St. Catharines
- Merit Contractors Niagara
- Stolk Construction Limited
- Horizon
- Enbridge
- FirstOntario Performing Arts Centre
- Niacon Limited
- The Canada Games Park Consortium
- Rankin Construction Inc.
- T.R. Hinan

Total collaborative buying in 2022-23 was **\$11.6 million** through the following collaborative organizations:

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



Overview

This year has been one of great successes and 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 2022-23 results on a funding basis, not to be confused with the audited Financial Statements, which are prepared in accordance with accounting standards for not-for-profits (Part III of the CPA Handbook NFPS). The funding basis represents committed cash. A positive balance, or funding surplus, represents uncommitted cash, and a negative balance, or funding deficit, represents overcommitted cash.

The 2022-23 fiscal year marks the ninth straight year of funding surplus results. The actual funding surplus for 2022-23 of \$4.0 million is before year-end discretionary appropriations for reinvestment in the University. In 2022-23, the discretionary appropriations funded important initiatives in the strategic initiative fund, with further details provided on page 54.

Figure 44

(\$000s)	Funding		NFPS		Funding	NFPS
	2022-23 Actual	2022-23 Budget	2022-23 Actual	2022-23 Budget	2021-22 Actual	2021-22 Actual
Revenue						
Student fees	187,658	204,268	187,616	204,777	188,064	187,773
Grant revenue	102,306	99,589	98,411	96,636	99,780	97,338
Internal chargebacks	11,605	11,980			7,346	
Inter-fund revenue	7,785	12,127			5,943	
Research revenue			13,973	12,695		13,173
Other revenue	63,702	62,176	79,753	68,326	50,256	63,736
Total revenues	373,056	390,140	379,753	382,434	351,389	362,020
Operating costs						
Personnel costs	(234,390)	(246,262)	(242,912)	(248,270)	(221,304)	(229,489)
Inter-fund expenses	(27,225)	(32,705)			(28,926)	
Other operating costs	(107,403)	(114,176)	(142,545)	(140,915)	(97,262)	(129,772)
Total operating costs	(369,018)	(393,143)	(385,457)	(389,185)	(347,492)	(359,261)
Mitigation target		3,003				
Surplus/(deficit) – before discretionary appropriations	4,038	-	(5,704)	(6,751)	3,897	2,759
Discretionary appropriations	(4,037)				(3,896)	
Surplus/(deficit) – after discretionary appropriations	1	-	(5,704)	(6,751)	1	2,759

When the 2022-23 funding budget was originally established, we estimated a balanced funding budget, after a \$3.0-million mitigation target. With hard work and dedication throughout the University, we were able to end the year with a small surplus. 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 our communities. We hope you find the following analysis relevant and useful and thank everyone for contributing to the stories behind Brock’s fiscal results in 2022-23.

Review of overall revenue

Actual revenue for 2022-23 was \$17.1 million behind budget, with student fees lower than budget by \$16.6 million offset by higher grant revenue of \$2.7 million. Other revenue was higher than budget by \$1.5 million

while internal chargeback revenue and inter-fund revenue were both lower than budget by \$0.4 million and \$4.3 million, respectively. These variances will be fully discussed in the following sections.

Tuition and enrolment

Student fee revenue finished the 2022-23 fiscal year at \$187.7 million. Figure 45 details the breakdown of student fees between tuition revenue and fee revenue.

Figure 45

(\$000s)	2022-23 Actuals	2022-23 Budget	2021-22 Actuals
Tuition	176,762	193,012	177,399
Fee revenue	10,896	11,256	10,665
Total student fees	187,658	204,268	188,064



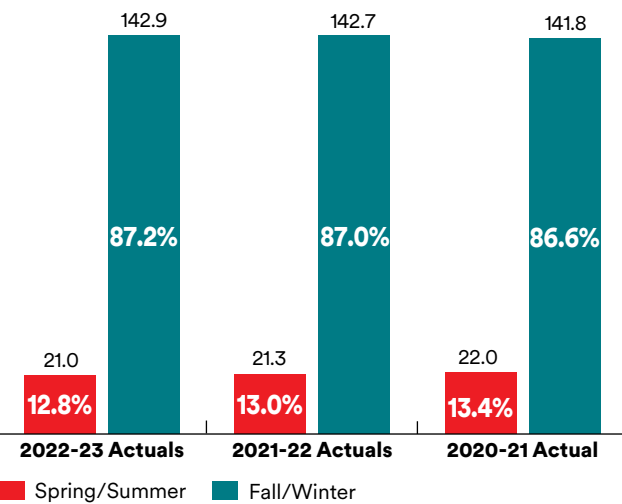


Figure 46: All-in student enrolment by type

Type	2022-23 Actual		2022-23 Budget	2021-22 Actuals		2020-21 Actuals	
	Headcount <sup>(1)</sup>	FTE <sup>(2)</sup>	Headcount <sup>(1)</sup>	Headcount <sup>(1)</sup>	FTE <sup>(2)</sup>	Headcount <sup>(1)</sup>	FTE <sup>(2)</sup>
Undergraduate – domestic	15,601		15,985	15,760		15,905	
Undergraduate – international	1,797		2,032	1,893		1,867	
Total undergraduate	17,398	17,003	18,017	17,653	17,237	17,772	17,407
Graduate – domestic	1,139		1,330	1,197		1,292	
Graduate – international	652		754	663		659	
Total graduate	1,791	1,636	2,084	1,860	1,697	1,951	1,724
Total	19,189	18,639	20,101	19,513	18,934	19,723	19,131

(1) Represents Fall student headcount full time (FT) and part time (PT). For a definition, refer to pg 88 of the 2023-24 Budget Report.  
(2) Represents full-time equivalent (FTE) students. For a definition, refer to pg 88 of the 2023-24 Budget Report.

Figure 47: Global tuition billings by session (\$millions)<sup>(1)</sup>



(1) Tuition by session does not include ISP, ESL, Continuing Teacher Education or Adult Education tuition.

As compared to budget, the tuition shortfall of \$16.3 million is a result of lower international and domestic enrolment, with international student headcount 337 less than budget, and domestic student headcount 575 less than budget. The lower enrolment resulted in international tuition being \$13.0 million below budget and domestic tuition being \$3.1 million below budget, as shown in Figure 48. Self-fund tuition was \$2.2 million which is \$0.1 million lower than budget.

Compared to prior year, tuition revenue was fairly flat, only \$0.6 million lower than prior year. Lower domestic tuition was offset by increased tuition in English as a Subsequent Language as the program begins to recover from being heavily impacted by the pandemic. Domestic student headcount was down versus 2021-22 by 217 students, resulting in domestic tuition down \$1.0 million. International student headcount enrolment was also down by 107 students versus 2021-22, offset with international rate increases, which resulted in international tuition to be \$0.1 million lower than 2021-22. All-in student headcount is shown in Figure 46. Figure 47 shows the split of global tuition between Spring/Summer (12.8 per cent) and Fall/ Winter (87.2 per cent) sessions.

Headcount by Faculty is shown in Figure 13 on ‘The big picture’ pull-out. As compared to 2021-22, the Goodman School of Business and the Faculty of Education saw the largest decreases, with 195 and 103 less students, respectively. The Faculties of Applied Health Sciences, and Social Science had small decreases as well compared to 2021-22. The Faculty of Humanities had an increase of 54 as compared to 2021-22 and the Faculty of Math and Science had the same enrolment as 2021-22 .

Figure 48: Tuition revenue<sup>(1)</sup>

(\$000s)	2022-23 Actual	2022-23 Budget	2021-22 Actual
Undergraduate – domestic			
Faculty of Applied Health Sciences	24,086	25,347	24,157
Goodman School of Business	16,827	16,979	17,515
Faculty of Education	8,415	8,270	8,437
Faculty of Humanities	10,815	10,501	10,373
Faculty of Mathematics and Science	11,712	12,087	11,771
Faculty of Social Sciences	25,321	25,795	25,592
Other <sup>(2)</sup>	296	314	365
Total undergraduate – domestic	97,472	99,293	98,210
Graduate – domestic			
Faculty of Applied Health Sciences	2,409	1,971	2,308
Goodman School of Business	1,318	2,280	1,524
Faculty of Education	831	1,092	915
Faculty of Humanities	291	459	295
Faculty of Mathematics and Science	713	824	752
Faculty of Social Sciences	2,492	2,749	2,544
Total graduate – domestic	8,054	9,375	8,338
Total domestic	105,526	108,668	106,548
Undergraduate – international			
Faculty of Applied Health Sciences	5,457	5,960	5,035
Goodman School of Business	14,597	18,821	15,523
Faculty of Education	300	722	690
Faculty of Humanities	2,502	2,530	2,321
Faculty of Mathematics and Science	12,625	14,268	12,023
Faculty of Social Sciences	16,358	19,427	16,688
Other <sup>(2)</sup>	13	50	39
Total undergraduate – international	51,852	61,778	52,319
Graduate – international			
Faculty of Applied Health Sciences	411	301	333
Goodman School of Business	12,665	14,697	12,533
Faculty of Education	837	1,093	1,148
Faculty of Humanities	312	416	261
Faculty of Mathematics and Science	1,719	2,393	1,578
Faculty of Social Sciences	1,245	1,354	949
Total graduate – international	17,189	20,254	16,802
Total international	69,041	82,032	69,121
Total tuition before self-fund	174,567	190,700	175,669
Continuing Teacher Education – Additional Qualifications – AQ	754	831	756
Adult Education	575	662	596
Intensive and Short-term English Language Programs (IELP & SELP)	866	819	378
Total self-fund tuition	2,195	2,312	1,730
Total Tuition Revenue	176,762	193,012	177,399

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





Figure 49: **Grant revenue**

(\$000s)	2022-23 Actual	2022-23 Budget	2021-22 Actual	2020-21 Actual
MCU Operating Grants				
Core Operating Grant	49,153	48,362	59,050	68,706
Differentiation Envelope (Performance/Outcomes-based Funding Grant)	38,635	39,426	28,738	19,082
Special Purpose Operating Grant Envelope	3,658	3,259	3,740	11,141
International Student Recovery	(1,607)	(1,928)	(1,720)	(1,748)
Total MCU Operating Grants	89,839	89,119	89,808	97,181
Other MCU and Specific Purpose Grants	12,467	10,470	9,972	9,543
Total grant revenue	102,306	99,589	99,780	106,724

Grant revenue

As detailed in Figure 49, in 2022-23, Brock received \$102.3 million of grant revenue, of which \$87.8 million related to the Core Operating Grant and the Differentiation Grant Envelope. This is consistent with the 2022-23 budget as well as the actuals received in both 2021-22 and 2020-21.

The Special Purpose Operating grant envelope was \$0.4 million higher than budget mainly due to additional grant funding received related to the Mental Health grants and the Disabilities grant. Other MCU and specific purpose grants were higher than budget by \$2.0 million, due to increased funding received for the Facilities Renewal Program grant of \$0.9 million as well as an increase to the Research Support Funding of \$0.2 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, Global Skills Opportunity grant and the Government of Canada Enabling Accessibility Funding.

Other revenue

Total other revenue, excluding asset sale revenue was higher than budget by \$8.9 million, driven by higher than forecasted investment income, sales and services revenue, and ancillary revenue. The higher sales and services revenue of \$4.5 million compared to budget was driven by the recognition of \$1.7 million of unclaimed student credit balances (after allowing for an appropriate reserve). This process was paused during the pandemic with the consideration that some students may be taking time off, and resulted in this balance growing larger than historical trends. In addition, Canada Games Park consolidated revenue of \$0.6 million and lease rental income of \$0.5 million for 3401 Schmon Parkway also contributed to the increase.

Investment income exceeded budget by \$4.2 million, more fully described in the Treasury section of this report.

Total Ancillary revenue was higher than budget by \$0.6 million and higher than 2021-22 actuals by \$7.5 million. This positive rebound resulted from increased activity on campus during the year as compared to 2021-22 due to lifted COVID-19 restrictions. Parking saw an increase of \$0.7 million over the budget, while Dining and Conference Services increased \$0.3 million over budget. Offsetting this was a decrease in the Campus Store of \$0.6 million compared to budget. Residence fees were flat to budget and increased \$4.8 million year-over-year with overall residence capacity at 95.0 per cent in 2022-23 as compared to 80.11 per cent in 2021-22.

Figure 50: **Other revenue**

(\$000s)	2022-23 Actual	2022-23 Budget	2021-22 Actual
Residence fees	23,902	23,881	19,080
Other ancillary revenue	14,771	14,238	12,112
Total ancillary revenue	38,673	38,119	31,192
Investment income <sup>(1)</sup>	5,685	1,884	2,159
Sales and services	18,758	14,239	13,482
Asset sale revenue	586	7,934	3,423
Total other revenue	63,702	62,176	50,256

(1) Actual figures include operating investment income, investment income on Canada Games Park reserve and investment income on executive special pension plans and does not include investment income/loss that is recorded directly in the sinking fund and employee future benefits reserve. The 2022-23 budget includes a budget for operating investment income of \$1.5 million and a budget for the sinking fund related to the 2005 bond of \$0.384 million.

Offsetting the increases in other revenue is lower than budgeted asset sale revenue of \$7.3 million which was accrued into next fiscal year (2023-24) to align with the change in timing of receiving the cash proceeds as a result of the renewal of the Hamilton Campus sale leaseback for an additional year. This revenue is fully offset in inter-fund expenses as the proceeds of sale are restricted for future use; thus, this has no net impact to the funding results.

Internal chargebacks and inter-fund revenue

Internal chargeback revenue was slightly lower than budget for 2022-23 by \$0.4 million. Interfund revenue was also lower than budget by \$4.3 million. This decrease was mainly seen in the inter-fund revenue from the Strategic Initiative Funds. These funds are established as part of past year-end discretionary appropriations. 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 <sup>(1)</sup> (\$000s)	2022-23 Actual			2022-23 Budget			2021-22 Actual
	Salary/ wage	Benefits	Total personnel costs	Salary/ wage	Benefits	Total personnel costs	Total personnel costs
Faculty and Professional Librarians	92,929	18,581	111,510	96,781	21,515	118,296	109,365
Admin/professional	48,064	12,480	60,544	52,155	14,083	66,238	56,092
OSSTF	6,824	2,124	8,948	7,858	2,473	10,331	9,216
CUPE 1295 FT	7,778	2,373	10,151	7,154	2,474	9,628	8,506
SAC	7,312	1,424	8,736	6,693	1,438	8,131	6,852
Other ongoing personnel	840	233	1,073	779	218	997	896
Total ongoing personnel	163,747	37,215	200,962	171,420	42,201	213,621	190,927
CUPE 4207 Unit 1	15,250	1,777	17,027	15,200	1,733	16,933	16,564
Other temporary personnel	15,138	1,263	16,401	14,627	1,081	15,708	13,813
Total temporary personnel	30,388	3,040	33,428	29,827	2,814	32,641	30,377
Total – funding basis	194,135	40,255	234,390	201,247	45,015	246,262	221,304

Adjustments to NFPS (See page 61 for discussion of adjustments)

Employee future benefits adjustment <sup>(2)</sup>	679	679	(1,707)	(1,707)	266		
Internal restricted funds and research personnel costs <sup>(3)</sup>	6,737	1106	7,843	3,230	485	3,715	7,919
Total – NFPS basis	200,872	42,040	242,912	204,477	43,793	248,270	229,489

(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, & 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 2022-23 of \$679,000 is the difference between payments made for employee future benefits and the net change in the obligation. The employee future benefits adjustment for budget 2022-23 actually adds two adjustments – \$244,000 and \$1,463,000. Refer to adjustment 10 and 11 on page 91 of the 2022-23 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: course fees, capital and infrastructure projects and reserves, operating project accounts, research funds with no external obligations, start-up funds, professional expense reimbursement accounts, the external research fund and non-endowed trust accounts.

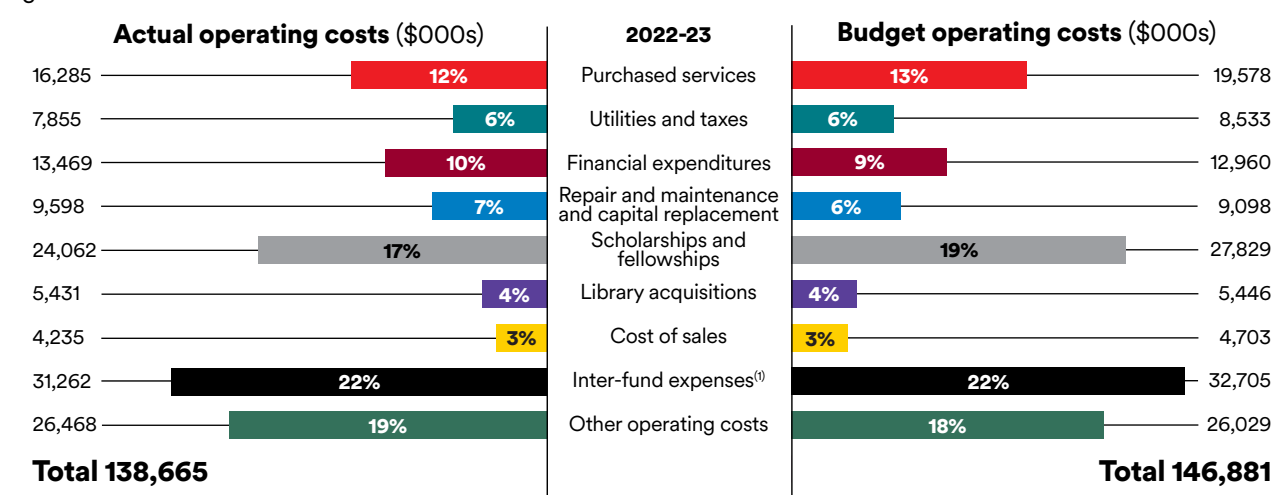
Operating costs

Personnel costs

Our people are what make everything possible at Brock University. Figure 51 illustrates the actual 2022-23 personnel costs versus budget and prior year by personnel group. Overall personnel costs, on a funding basis, were under budget by \$11.9 million. The savings were mainly seen in faculty and professional librarians and admin/professional employee groups. Non-faculty vacancies were evaluated during the year through a hiring review process to ensure our mitigation was achieved. Temporary personnel costs were higher than budget by \$0.8 million. Savings versus budget were also experienced in benefit costs of \$4.8 million due in part to savings as a result of the pension plan actuarial valuation completed July 1, 2022. See page 70 for further discussion.



Figure 52



(1) Included in Actual inter-fund expenses are discretionary appropriations in the amount of \$4,037.

Non-personnel operating costs

Overall operating costs, excluding inter-fund expenses, were \$6.8 million lower than budget. The following represent the largest variances to budget:

- Scholarships and fellowships were lower than budget by \$3.8 million driven by lower than budgeted enrolment.
- Utilities costs were lower than budget by \$0.7 million due to lower electricity, natural gas and water and sewer costs, offset by higher federal carbon tax and greenhouse gas costs.

- Purchased services were lower than budget by \$3.3 million, mainly driven by lower-than-budgeted contracted services related to the Canada Summer Games Consortium, as well as lower than budgeted student recruitment commissions.
- Inter-fund expenses (before discretionary appropriations), representing transfers to internally restricted reserves, were lower than budget by \$5.5 million. This was mainly due to the extension of the Hamilton Campus sale leaseback which was not known at the time of budget and defers the recognition of the gain by another year.
- 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 2022- 23, the discretionary appropriations were \$4.0 million, which funded the following internally restricted strategic reserves:
  - \$0.564 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.
  - \$0.028 million for the Vice-President, Research Support Envelope.
  - \$0.363 million for the Provost Strategic Fund.
  - \$0.203 million for the Vice-President, Administration Strategic Fund.
  - \$0.015 million for the Vice-President, Advancement and External Relations Strategic Fund.
  - \$2.864 million for the Central Strategic Fund representing the unspent strategic/discretionary funds established as part of the operating budget.



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 mitigation efforts still in place throughout the year, we note that teaching Faculties closed out 2022-23 with a \$2.8-million positive variance to budget. Shared Services units were under budget by \$1.9 million, with savings across several units including the Senior Academic and Administrative Team, Development and Alumni Relations, Information Technology Services and Financial Services. Student Specific units were also under budget by \$1.2 million, mainly in the Office of the Registrar and Student Wellness and Accessibility. Finally, Ancillary and Residence Services’ net contribution to the University for 2022-23 was \$7.3 million, \$3.5 million higher than budget.



## 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)	2022-23 Actual			2022-23 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	453	(27,019)	(789)	(27,355)	637	(27,100)	(892)	(27,355)
Goodman School of Business	584	(27,442)	(1,935)	(28,793)	1,372	(28,907)	(2,947)	(30,482)
Faculty of Education	2,212	(18,637)	(485)	(16,910)	1,771	(18,988)	(616)	(17,833)
Faculty of Humanities	602	(23,065)	(751)	(23,214)	593	(22,964)	(827)	(23,198)
Faculty of Mathematics and Science	1,993	(23,821)	(973)	(22,801)	2,670	(24,269)	(1,022)	(22,621)
Faculty of Social Sciences	478	(38,908)	(981)	(39,411)	644	(39,448)	(1,031)	(39,835)
Total Teaching Faculties	6,322	(158,892)	(5,914)	(158,484)	7,687	(161,676)	(7,335)	(161,324)
Academic Support								
Faculty of Graduate Studies	430	(1,762)	(167)	(1,499)	460	(1,749)	(180)	(1,469)
Library	174	(5,186)	(5,788)	(10,800)	126	(5,492)	(5,871)	(11,237)
Research Enterprise	2,890	(2,311)	(3,897)	(3,318)	3,977	(2,831)	(3,776)	(2,630)
Centre for Pedagogical Innovation	68	(839)	(75)	(846)	68	(955)	(35)	(922)
Professional and Continuing Studies and ESL	2,080	(1,383)	(493)	204	2,556	(1,810)	(701)	45
Total Academic Support	5,642	(11,481)	(10,420)	(16,259)	7,187	(12,837)	(10,563)	(16,213)
Student Specific								
Office of the Registrar	2,747	(5,532)	(3,315)	(6,100)	2,496	(6,020)	(3,185)	(6,709)
Hadiyaʔdagénhahs First Nations, Métis and Inuit Student Centre	565	(206)	(180)	179	368	(339)	(33)	(4)
Student Wellness and Accessibility	3,518	(3,698)	(1,748)	(1,928)	3,017	(4,121)	(1,400)	(2,504)
Student Life and Success	450	(1,622)	(264)	(1,436)	666	(1,832)	(373)	(1,539)
Brock International Services	329	(1,279)	(403)	(1,353)	106	(1,588)	(194)	(1,676)
Co-op, Career and Experiential Education	2,262	(3,636)	(514)	(1,888)	2,419	(3,963)	(388)	(1,932)
Brock Sports and Recreation	6,913	(5,534)	(3,626)	(2,247)	6,647	(5,490)	(2,761)	(1,604)
Total Student Specific	16,784	(21,507)	(10,050)	(14,773)	15,719	(23,353)	(8,334)	(15,968)
Ancillary								
Ancillary Operations	14,814	(2,591)	(8,298)	3,925	14,184	(2,843)	(8,845)	2,496
Residences	24,223	(3,894)	(16,943)	3,386	24,158	(4,515)	(18,283)	1,360
Total Ancillary	39,037	(6,485)	(25,241)	7,311	38,342	(7,358)	(27,128)	3,856

Figure 53 continued

(\$000s)	2022-23 Actual			2022-23 Budget			Difference of "Net" amounts
	Revenue	Personnel costs	Non-personnel costs	Revenue	Personnel costs	Non-personnel costs	
Shared Services							
Senior Academic and Administration Team <sup>(i)</sup>	70	(4,416)	(567)	(4,913)	(4,536)	(759)	(5,257)
Information Technology Services	452	(5,975)	(1,841)	(7,364)	(7,056)	(1,929)	(8,186)
Financial Services	628	(2,953)	(664)	(2,989)	(3,052)	(749)	(3,212)
Office of People and Culture	214	(3,769)	(804)	(4,359)	(3,981)	(752)	(4,359)
University Marketing and Communications	875	(1,562)	(1,445)	(2,132)	(1,665)	(1,529)	(2,114)
Development and Alumni Relations	685	(1,277)	(405)	(997)	(1,735)	(393)	(1,214)
Human Rights and Equity Services	618	(875)	(341)	(598)	(989)	(414)	(769)
University Secretariat		(468)	(90)	(558)	(523)	(8)	(531)
Office of the Ombudsperson	152	(106)	(46)	-	(118)	(13)	-
Office of Government and Community Relations		(442)	(81)	(523)	(548)	(52)	(600)
Institutional Planning, Analysis and Performance		(507)	(26)	(533)	(527)	(13)	(540)
Internal Audit and University Risk Management	6	(567)	(36)	(597)	(529)	(32)	(561)
Legal Counsel	10	(610)	(38)	(638)	(694)	(21)	(715)
Total Shared Services	3,710	(23,527)	(6,384)	(26,201)	(25,953)	(6,664)	(28,058)
Space							
Facilities Management	1,959	(12,400)	(4,257)	(14,698)	(12,496)	(4,310)	(15,129)
Campus Safety Services	146	(1,698)	(1,050)	(2,602)	(1,617)	(999)	(2,466)
Campus Development and Community Agreements	921	(314)	(2,368)	(1,761)	(89)	(3,013)	(2,409)
Utilities, Taxes and Insurance	2,848	(1)	(9,610)	(6,763)	3,048	(9,873)	(6,825)
Financing	4,708		(10,151)	(5,443)	5,156	(10,101)	(4,945)
Total Space	10,582	(14,413)	(27,436)	(31,267)	(14,202)	(28,296)	(31,774)
Global							
Scholarships, Bursaries and Fellowships	3,417		(25,874)	(22,457)	3,550	(30,023)	(26,473)
Capital	8,157		(15,096)	(6,939)	6,976	(14,815)	(7,839)
University Global	279,405	1,915	(12,250)	269,070	295,396	(883)	280,790
Total Global	290,979	1,915	(53,220)	239,674	305,922	(883)	246,478
Total University	373,056	(234,390)	(138,665)	1	390,140	(246,262)	(3,003)

<sup>(i)</sup> Includes the following: the offices of the President; the Vice-President, Administration; the Provost and Vice-President, Academic; the Vice-Provost and Associate Vice-President, Academic; the Associate Vice-President, Students; the Vice-President, Teaching and Learning; the Vice-President, Indigenous Engagement; the Vice-President, Advancement and External Relations; 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:
- Enhances the understanding of how revenues are generated and how costs are incurred and allocated at the Faculty level in a transparent manner.
  - Supports longer-term resource allocation decision-making for academic units.
  - 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 2022-23 using the Revenue and Expense Allocation Model. Figure 54 is a visual representation of the 2022-23 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, and three 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.

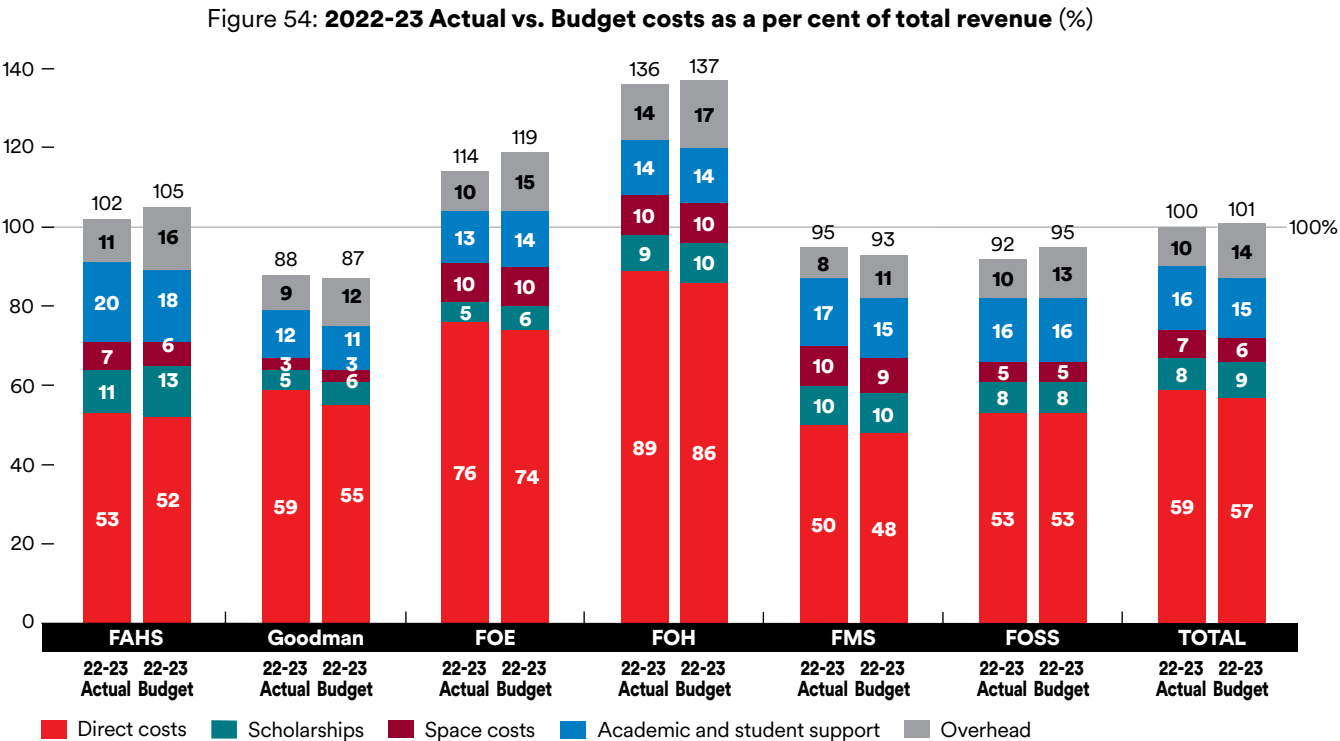


Figure 55: Full revenue and expense allocation model – 2022-23 Actual

	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							
Tuition by service teaching (undergraduate)	20,446	23,854	12,090	16,817	31,143	44,974	149,324
Tuition by service teaching (graduate)	2,856	14,024	1,475	613	2,465	3,810	25,243
Direct revenue	453	584	2,212	602	1,825	478	6,154
Grant	27,278	12,150	9,353	8,758	10,682	24,423	92,644
Research Support Fund grant revenue	525	80	42	54	990	776	2,467
Total revenue	51,558	50,692	25,172	26,844	47,105	74,461	275,832
Contribution margins							
Direct ongoing personnel costs	22,539	24,076	12,636	19,342	19,644	32,769	131,006
Direct temporary personnel costs	4,480	3,366	6,001	3,723	3,095	6,139	26,804
Direct operating costs	789	1,935	485	751	852	981	5,793
Contribution margin (before scholarships and fellowships)	23,750	21,315	6,050	3,028	23,514	34,572	112,229
Scholarships, fellowships and bursaries	5,701	2,483	1,160	2,483	4,890	5,740	22,457
Contribution margin (after scholarships and fellowships)	18,049	18,832	4,890	545	18,624	28,832	89,772
Space costs <sup>(1)</sup>							
Space costs	3,392	1,735	2,536	2,776	4,591	3,558	18,588
Net contribution (after space costs)	14,657	17,097	2,354	(2,231)	14,033	25,274	71,184
Academic and student-specific support units							
Research Services, Technical Services and Science Stores <sup>(2)</sup>	2,216	192	81	159	3,502	2,028	8,178
Faculty of Graduate Studies	283	535	154	54	167	416	1,609
Library	2,994	2,181	1,235	1,375	1,671	3,679	13,135
Other Academic and Student Specific units <sup>(3)</sup>	4,630	3,351	1,894	2,082	2,557	5,650	20,164
Net contribution (before overhead allocations)	4,534	10,838	(1,010)	(5,901)	6,136	13,501	28,098
Overhead allocations							
Shared services <sup>(3)</sup>	5,740	4,828	2,708	3,587	3,707	7,227	27,797
Ancillary operations and Residence contribution	(1,098)	(795)	(449)	(493)	(606)	(1,339)	(4,780)
Capital	1,577	1,153	658	727	889	1,935	6,939
University Global	(421)	(405)	(281)	(97)	(66)	(589)	(1,859)
Net contribution	(1,264)	6,057	(3,646)	(9,625)	2,212	6,267	1

(1) See page 57 for units included in Space Costs. Note: Space Costs are allocated directly to Faculties in this section. The space costs related to Academic Support, Student Support and Shared Services units are included in the respective lines in the allocation model.  
(2) Excludes Research Support Fund grant revenue as shown separately as part of revenue.  
(3) See page 56 and 57 for details of units included in these categories.



## 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 2022-23 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: Reconciliation to NFPS Actuals

(\$000s)	2022-23 Funding Actuals	NFPS adjustments	Notes – see Figure 57	Internally restricted funds activity	Eliminate inter-fund transfers	Eliminate internal chargebacks	2022-23 NFPS Actuals
Revenue							
Student fees	187,658	(257)	1,2	215			187,616
Grant revenue	102,306	(4,128)	3	233			98,411
Internal chargebacks	11,605			583		(12,188)	
Inter-fund revenue	7,785	10	6		(7,795)		
Research revenue		13,973	4				13,973
Other revenue	63,702	13,331	5,6,11	2,720			79,753
Total revenue	373,056	22,929		3,751	(7,795)	(12,188)	379,753
Operating costs							
Personnel costs	(234,390)	(5,032)	1,4,6,8,10	(3,490)			(242,912)
Inter-fund expenses	(31,262)	(1,979)	4,6		33,241		
Other operating costs	(107,403)	(42,633)	1,4-9	(4,697)		12,188	(142,545)
Total costs	(373,055)	(49,644)		(8,187)	33,241	12,188	(385,457)
Surplus / (Deficit)	1	(26,715)		(4,436)	25,446	-	(5,704)

Figure 57: NFPS Adjustments

Notes	Adjustment	Amount
1	Course fee revenue	1,231
2	Student fees (for capital)	(1,488)
3	Capital grants	(4,128)
4	Research, including fellowships	13,973
5	Amortization of deferred capital contributions	9,464
6	Endowment and trust spending	4,098
11	Proceeds of asset sales	(221)
Total revenue adjustments		22,929
1	Course fee spending – personnel	(25)
1	Course fee spending – operating costs	(1,206)
4	Research spending – personnel	(3,993)
4	Research spending – operating costs	(9,980)
5	Amortization of capital assets	(32,434)
6	Trusts Spending – personnel	(6)
6	Endowment and trust spending – operating costs	(4,092)
7	Principal payments	2,711
8	Non-capital purchases in capital and related project fund – personnel	(329)
8	Non-capital purchases in capital and related project fund – operating costs	(2,064)
9	Capital purchases in operating	2,453
10	Post-retirement benefits	(679)
Total costs adjustments		(49,644)

## NFPS adjustments

- 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 2022-23 actual course fee spending, along with the offsetting revenue, represents the adjustments.
- Student fees (for capital)** – Student fees received by the University to fund capital purchases, specifically the Zone Expansion, are included as part of deferred capital contributions in the NFPS Financial Statements and amortized into revenue over the useful life of the capital item it funded. However, on a funded basis, they are reported as student fee revenue, which represents the adjustment.
- Capital grants** – The Facilities Renewal Program and other similar grants 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, these grants are recorded as revenue when it's received. The actual Facilities Renewal Program Funds, the provincial Capital Training Equipment and Renewal Fund and the Government of Canada Enabling Accessibility Fund Grant received in 2022-23 represent the adjustment.
- 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 research spending and related revenue represent the adjustments.
- 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 is recorded to reflect the usage of capital assets, and amortization of deferred capital contributions (restricted external donations and grants) is being amortized over the useful life of the assets they have funded.
- 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 2022-23

actual endowment and trust spending, along with the offsetting revenue, represents the adjustments.

- Principal payments** – Principal payments of long-term debt, (with the exception of those funded from the debt repayment reserve and the bond) are 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 2022-23 actual principal payments represent the adjustment.
- Non-capital purchases in capital and related project fund** – These purchases 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 2022-23 actual non-capital purchases represent the adjustment.
- 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 NFPS. The 2022-23 actual capital purchases made as part of operating spending represent the adjustment.
- 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.
- 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.

## Internal chargebacks and inter-fund transfers

The internal chargeback revenue and expenses of \$12.188 million included in the funding basis represent internal charges between departments within the University and are eliminated for the NFPS Financial Statements. The inter-fund revenue of \$7.795 million and the inter-fund expenses of \$33.241 million represent transfers between unrestricted, internally restricted and externally restricted funds. These transfers are also eliminated for 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, 2023 is \$0.104 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.
  - *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 debenture due Dec. 14, 2045 and the \$125-million debenture due May 17, 2060.
- *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, 2023. It 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. As set out in the Fiscal Framework, this reserve was fully spent during the year as part of the repayment of the loan for the Roy and Lois Cairns Health and Bioscience Research Complex.
- *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 mitigation. This \$1.5 million of funding is budgeted to be used in 2023-24 to support the ESL program. The additional funding in 2022-23 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.
- *Canada Games Park Capital Reserve* – As part of Canada Games Park, the University will contribute annually its proportionate share of an amount equal to 1.5% of the initial hard costs of constructing the facility into a capital reserve fund held by the Niagara Region for future capital repairs and improvements. The fund balance represents the 2022-23 contribution plus interest income.
- *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 Support Envelope, the President’s Strategic Fund, the Vice-President, Administration Strategic Fund, the Vice-President, Advancement & External Relations Strategic Fund and the Central Institutional Strategic Fund. As of April 30, 2023, this fund also includes the 2022-23 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 59 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 approved by the Executive team 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. 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, to fund these obligations. 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 58 details the balances of a number of the internally restricted funds as of April 30, 2023 by teaching Faculty as well as the Library.

Figure 58: **Balances by Faculty as of April 30, 2023**

(\$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	544	237	1,431	1,515	798	<b>4,525</b>
Faculty of Education	523	73	145	122	477	<b>1,340</b>
Faculty of Humanities	176	226	79	79	432	<b>992</b>
Faculty of Mathematics and Science	1,024	574	838	1,739	691	<b>4,866</b>
Faculty of Social Sciences	1,025	501	769	682	1,111	<b>4,088</b>
Goodman School of Business	1,443	762	84		595	<b>2,884</b>
Library			3		98	<b>101</b>
Other units		1,127	976		69	<b>2,172</b>
<b>Total</b>	<b>4,735</b>	<b>3,500</b>	<b>4,325</b>	<b>4,137</b>	<b>4,271</b>	<b>20,968</b>

Figure 59: **Strategic initiative fund balances as of April 30, 2023**

(\$000s)	President	Provost	Vice-President Research	Vice-President Administration	Central Institutional <sup>(1)</sup>	Research Capital	Development	Dean's <sup>(2)</sup>	Total
Opening balance	1,035	1,928	1,551	500	11,492		650	1,052	<b>18,208</b>
Allocation of Dean's strategic funds								(1,052)	<b>(1,052)</b>
2022-23 contributions					1,000	757			<b>1,757</b>
2022-23 spending	(82)	(285)	(199)	(147)	(2,548)				<b>(3,261)</b>
2022-23 discretionary appropriations		363	28	203	2,864		15	564	<b>4,037</b>
<b>Total</b>	<b>953</b>	<b>2,006</b>	<b>1,380</b>	<b>556</b>	<b>12,808</b>	<b>757</b>	<b>665</b>	<b>564</b>	<b>19,689</b>

(1) Includes \$3.8 million resulting from the sale of the Hamilton Campus and other asset sale.  
(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.



# Financial review of the audited Financial Statements

## Revenues

Revenues increased to \$380 million, or 4.7 per cent more than last year. Student fees decreased \$0.2 million, or 0.08 per cent, due to a decrease in enrolment headcount of 1.7% offset by and increase in international tuition rate. Government grants increased by \$1.1 million, or 1.1 per cent, driven by the increase in the Nursing Enrolment Expansion grant. Ancillary operations revenue increased \$7.5 million, seen in residence, parking, dining, and conference services. Sales and service revenue increased \$5.4 million, or 38.2 per cent, driven by increased program fee and other revenue related to sports and recreation programs, as well as recognition of unclaimed student credit balances (after allowing for an appropriate reserve). Investment income increased \$5.3 million, and research grant revenue increased \$0.8 million. Gain on sale of assets decreased \$2.9 million related to the sale of the Hamilton campus and the renewal of the sale leaseback for another year.

## Expenses

Expenses increased to \$385 million, or 7.3 per cent more than last year. Salaries and benefits increased \$13.4 million, or 5.8 per cent. \$10.4 million of the increase relates to salary costs with the remainder related to benefits and pension. Other operating expenses increased \$5.5 million, or 13.9 per cent. As a result of lifted COVID-19 restrictions, travel, conference and hospitality expenses resumed in 2022-23, and more events were held across the University. Scholarships, fellowships and bursaries increased \$0.5 million, or 1.6 per cent in line with the relatively flat enrolment. Expendable equipment, repairs and maintenance increased \$0.1 million, or 1.1 per cent primarily due to increased software purchases. Amortization of capital assets increased \$5.6 million due to the completion of various capital projects now eligible to begin amortizing, including 3401 Schmon Parkway, Inniskillin Hall renovations, VPML equipment as well as increases in amortization for Residence 8 and Decew Residence Renewal.

## Assets

Assets decreased to \$841 million, or 2.0 per cent compared to last year. Capital assets additions were \$31.7 million, including assets related to the initial purchase and renovation costs of 3401 Schmon Parkway, which were offset by \$32.4 million in amortization. Current assets decreased by \$29.9 million or 21.4 per cent, mainly due to a decrease in cash and cash equivalents due to higher amounts of cash used in investing activities. Restricted investments increased \$3.6 million and the employee future benefit asset increased \$9.9 million.

## Liabilities

Liabilities decreased to \$576 million, or 4.8 per cent from last year. Deferred capital contributions decreased \$1.9 million, or 0.9 per cent and the employee future benefits obligation decreased \$4.0 million. Accounts payable and accrued liabilities decreased \$12.2 million, or 31.7 per cent, due to a reduction in accruals for construction projects as compared to the prior year. Deferred revenue decreased \$4.5 million due to the deferred gain from the sale of the Hamilton campus in 2020-21 and a decrease in deferred spring tuition.

## Net Assets

Net assets increased to \$264 million, or 4.8 per cent from last year. The funds included in the endowments, invested in capital assets, and internally restricted and unrestricted reserves are all supported by cash or restricted investments.

Figure 60: **Revenue** (\$ millions)

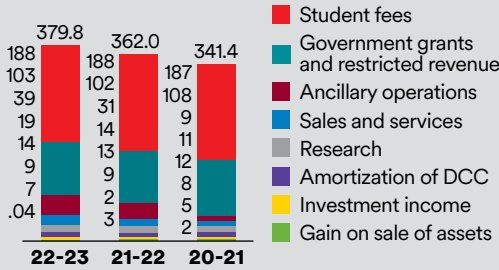


Figure 61: **Expenses** (\$ millions)

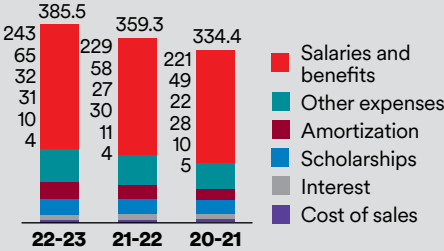


Figure 62: **Assets** (\$ millions)

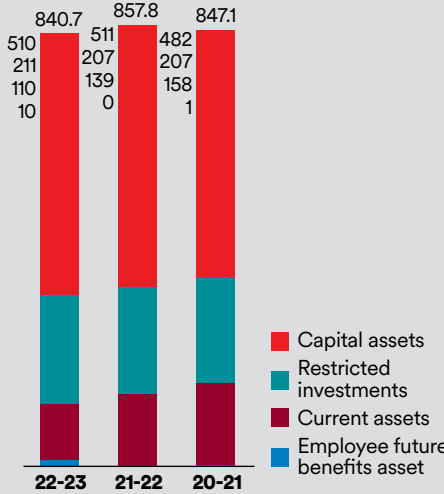


Figure 63: **Liabilities** (\$ millions)

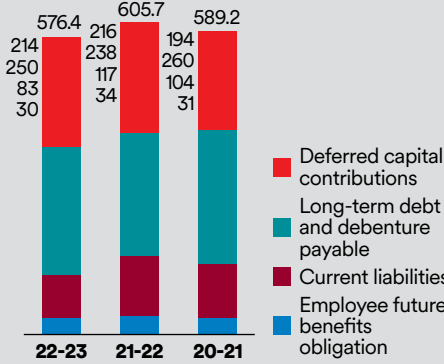
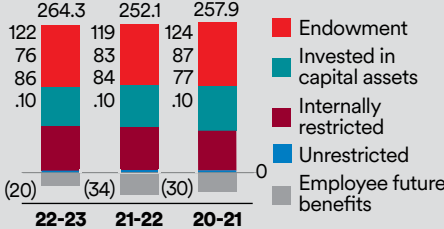


Figure 64: **Net assets** (\$ millions)



## 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 2022-23 was 3.71 per cent (1.14 per cent 2021-22). Yield on operating investment income increased significantly in 2022-23 due to rising interest rates that impacted deposit accounts and Guaranteed Investment Certificates (GIC)s. The cash deposit rates were renegotiated with Scotiabank in 2022-23 and are now linked to the Bank of Canada overnight target rate plus an adjustment factor. As at April 30, 2023 the deposit interest rate was 5.25 per cent which represents a 5 basis points (bps) improvement over the previous agreement which was linked to the prime lending rate. As at April 30, 2023, \$39.6 million was invested in GICs with an average yield and duration of 3.74 per cent and 1.6 years respectively (\$42.5 million with 1.75 per cent yield and 1.8 years duration respectively in 2021-22). In comparison, Government of Canada two-year bonds had a yield of approximately 3.65 per cent (1.01 per cent at April 30, 2022).

The Mawer Balanced Fund used for investing the University sinking funds and Employee Future Benefits Reserve earned a 6.14 per cent return in 2022-23

(4.44 per cent loss in 2021-22). The sinking fund requires a compounding 5.0 per cent rate of return to achieve the target \$93 million by December 2045. The Fiscal Framework provides for 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 8.1 per cent before management fees (0.25 per cent) over the last 122 months since the establishment of this investment. No change is planned to this investment strategy at this time. A second sinking fund with the same investment strategy was established in 2021-22 to fund the \$125 million series B debenture repayment. Additional information on this strategy is outlined in the Financing section of the 2022-23 and 2023-24 Budget Reports. A deposit of \$1.51 million consisting of funds from the zone construction ancillary fee and funding allocated from ancillary revenues as part of the series B debenture repayment strategy was added to the investment balance in 2022-23.

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	2022-23 Actual	2021-22 Actual	Variance year-over-year	2022-23 Budget/ target <sup>(2)</sup>	% of budget/ target achieved
Operating investment income	5,648	2,159	3,489	1,500	377%
Sinking fund – 2005 bond	517	(405)	922	384	135%
Employee future benefits reserve	385	(302)	687		NA
Sinking fund – 2020 bond	94		94	69	135%
<b>Investment Income<sup>(1)</sup></b>	<b>6,643</b>	<b>1,451</b>	<b>5,192</b>	<b>1,953</b>	<b>340%</b>

(1) Figures do not include externally restricted trusts with separate investment strategies. Brock currently has four externally restricted segregated trust investments with income of \$0.15 million not included in the figures above.  
(2) Operating investment income of \$1.5 million and sinking fund-2005 bond investment income of \$0.384 million was included in the funding budget.



Figure 66: Cumulative monthly investment income performance 2021-22 vs 2022-23 (\$000s)

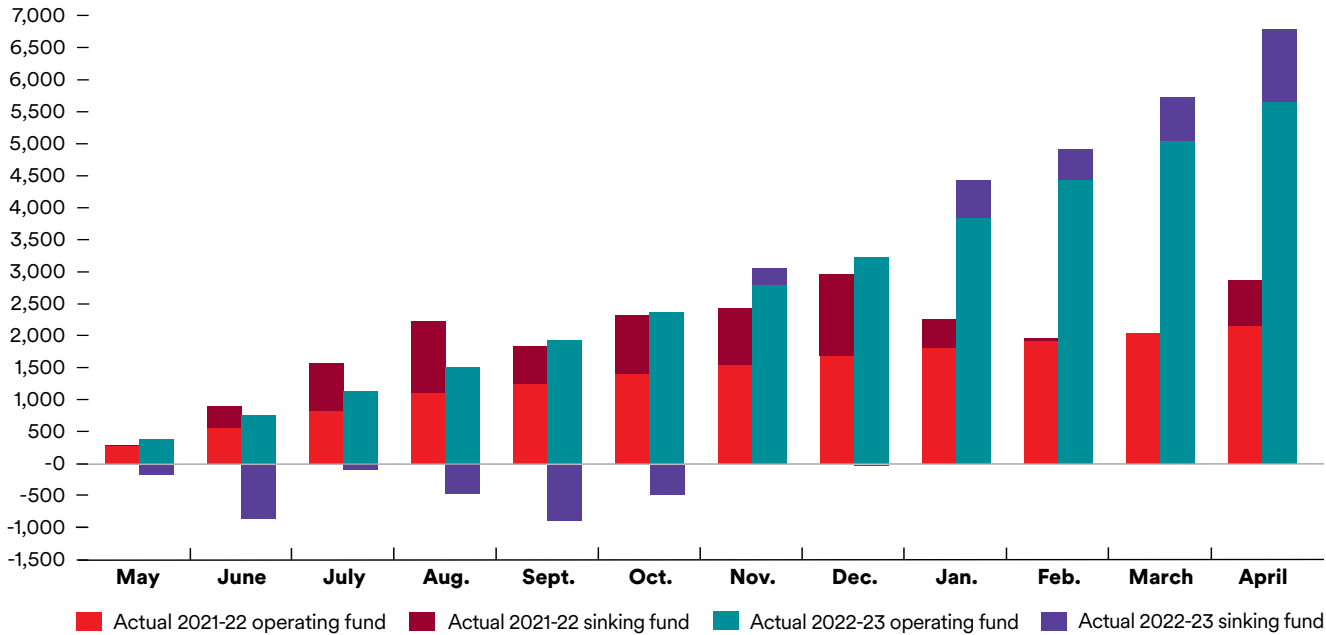


Figure 67: Monthly cash flow – historical trend month-end balances (\$000s)

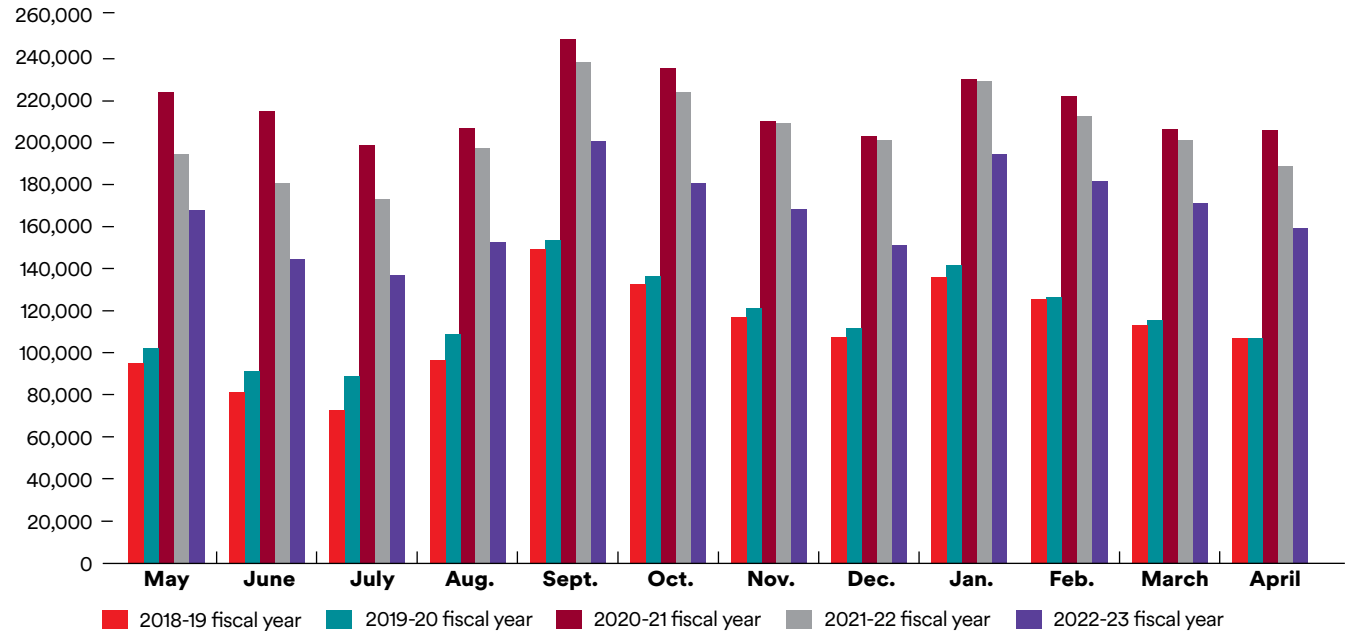


Figure 68: Year-over-year variance analysis of investment holdings

(\$000s) Unless otherwise stated	Average balance <sup>(1)</sup>	Investment income	Rate of return	Year-over-year change due to rate	Year-over-year change due to balance and investment mix
Money market/guaranteed investment certificates/high-interest savings accounts					
2021-22	161,235	1,944	1.21%		
2022-23	121,631	4,693	3.86%		
Variance better/(worse)	(39,604)	2,749	2.65%	4,277	(1,528)
Cash					
2021-22	27,337	215	0.79%		
2022-23	30,483	954	3.13%		
Variance better/(worse)	3,146	739	2.34%	641	99
Total operating investments					
2021-22	188,572	2,159	1.14%		
2022-23	152,114	5,647	3.71%		
Variance better/(worse)	(36,458)	3,488	2.57%	4,918	(1,429)
Sinking fund – 2005 bond					
2021-22	9,131	(405)	-4.44%		
2022-23	8,422	517	6.14%		
Variance better/(worse)	(709)	922	10.58%	966	(44)
Employee future benefits reserve					
2021-22	6,796	(302)	-4.44%		
2022-23	6,269	385	6.14%		
Variance better/(worse)	(527)	687	10.58%	719	(32)
Sinking fund – 2020 bond					
2021-22	64		0.00%		
2022-23	1,592	94	5.90%		
Variance better/(worse)	1,528	94	5.90%	4	90
Total investment					
2021-22	204,563	1,452	0.71%		
2022-23	168,397	6,643	3.94%		
Variance better/(worse)	(36,166)	5,191	3.24%	6,607	(1,415)

(1) Average balance does not include externally restricted trusts with separate investment strategies. Brock currently has four externally restricted segregated trust investments with income of \$0.15 million not included in the figures above.

Figure 69: Analysis of fees for investment management

(\$) Unless otherwise stated	2022-23 Actuals	2021-22 Actuals	Variance better/(worse)
Non-discretionary broker accounts			
TD Waterhouse			
BMO Nesbitt Burns	4,565	2,597	(1,968)
Scotiabank Investments			
Total non-discretionary	4,565	2,597	(1,968)
Mawer – balanced fund	44,620	44,751	131
Total fees	49,185	47,348	(1,837)
Total fees as a % of balance	0.029%	0.028%	(0.001%)





Financial health metrics

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

Figure 70

	Brock <sup>(1)</sup>			Median <sup>(2)</sup>		Weighted average <sup>(2)</sup>	
	April 2023	April 2022	April 2021	April 2022	April 2021	April 2022	April 2021
Primary reserve ratio	24.4%	25.7%	25.6%	26.8%	27.2%	42.3%	44.9%
Debt burden ratio	8.7% <sup>(3)</sup>	3.5%	3.7%	2.5%	2.6%	2.5%	2.5%
Interest burden %	2.9%	3.2%	3.4%	2.1%	1.5%	1.2%	1.7%
Interest coverage	2.68	2.98	3.00	3.22	4.48	3.79	5.19
Viability ratio	37.7%	38.8%	32.9%	88.5%	99.2%	112.6%	130.6%
Net operating revenues ratio	0.6%	2.4%	8.3%	8.8%	11.7%	6.5%	15.2%
Employee future benefits per student headcount (\$000s)	\$(0.60)	\$(1.32)	\$(1.09)	\$(1.97)	\$(1.24)	\$(2.78)	\$(2.35)
Endowment per student headcount (\$000s)	\$6.38	\$6.10	\$6.28	\$9.75	\$10.37	\$9.05	\$8.81

(1) Certain Brock 2022 metrics have been adjusted due to an update in reporting.  
(2) Calculated using financial information from 13 other comprehensive universities. Certain 2021 metrics have been updated due to revisions in certain universities' financial statements.  
(3) The \$20 million repayment of the Roy and Lois Cairns Health and Bioscience Research Complex loan during 2022-23 causes the one-time swing in this metric.

- The metrics can be explained as follows:
- The primary reserve ratio refers to the amount of cash available to cover operations. At April 2023, Brock has approximately 89 days (2022-94 days) of expendable reserves.
  - 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 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, Dominion Bond Rating Service (DBRS) Morningstar, for Brock's current credit rating of A high.
  - 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 38 per cent and therefore is comparably more vulnerable to unplanned events.
  - 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.

- 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.
- 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 eight years, which is a positive sign and the result of a lot of hard work by everyone in the University community.

The comparative April 2023 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, which is within financial metric ranges of the University's current credit rating.

DBRS Morningstar maintained Brock's credit rating on March 2, 2023, with the Issuer Rating and Senior Unsecured Debentures rating of "A (high)" with "Stable" trends. The ratings are underpinned by the University's position as a midsize comprehensive university in the Province of Ontario (rated AA (low) with a Stable trend by DBRS Morningstar), supportive enrolment outlook, and relatively strong financial risk assessment (FRA) metrics. The ratings remained constrained by the current challenging operating environment, constrained funding and tuition fees, and international student visa backlogs. This, in turn, resulted in a weaker enrolment outlook. DBRS Morningstar noted that a future positive rating action depends on sustained improvement in FRA metrics and an improvement in DBRS Morningstar's assessment of one or more critical rating factors. While unlikely, a negative rating action could arise from a significant and sustained deterioration in operating results or from a material increase in debt.

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	21,624	20,715			
3401 Schmon Parkway							14,208	12,968	11,561
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	265,295	263,210	255,439	252,841	235,575
Total student FFTE <sup>(1)</sup>	20,086	20,303	20,548	21,597	21,896	21,598	21,289	22,980	23,090
Total debt/FFTE (in dollars) <sup>(1)</sup>	\$7,420	\$7,225	\$7,019	\$6,587	\$12,116	\$12,187	\$11,999	\$11,003	\$10,202
Debt reduction strategy									
Sinking fund – 2005 Bond	6,413	6,696	7,370	7,607	8,843	8,437	8,954	9,302	10,172
Sinking fund – 2020 Bond						1,532	3,136	4,797	7,480
Debt repayment reserve	2,895	4,457	6,753	384	1,884	3,153			
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	10,727	13,122	12,090	14,099	17,652
Net debt	133,687	129,208	123,552	134,266	254,568	250,088	243,349	238,742	217,923
Net debt/FFTE (in dollars) <sup>(1)</sup>	\$6,656	\$6,364	\$6,013	\$6,217	\$11,626	\$11,579	\$11,431	\$10,389	\$9,438

(1) Fiscal full-time enrolment (FFTE). For a definition, refer to page 88 of the 2023-24 Budget Report. Note: April 30, 2022 FFTE figures have been updated and decreased by 91 as they had to be resubmitted to the Ministry following an enrolment audit. Forecasted FFTEs beyond 2023 have not been updated from the 2022-23 Fiscal Framework.



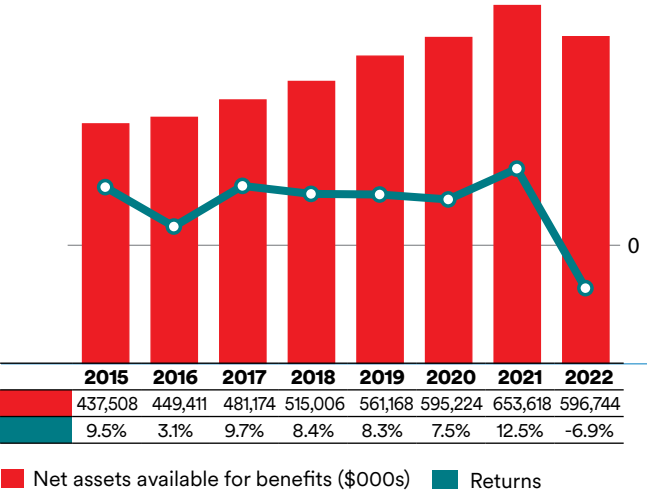
The existing sinking fund for the Series A Debenture issued in 2005 continues to trend ahead of schedule due to strong investment returns. As at April 30, 2023 the balance of the sinking fund was \$8.95 million which exceeds the expected value of \$8.07 million based on the growth schedule for the fund. The additional funding is due to a fund rate of return since inception of 8.1 per cent compared to the 5.0 per cent required rate of return. A second sinking fund was also established in 2021-22 to fund the repayment of the Series B 2020 Debenture. The funding of this sinking fund is sourced from student ancillary fees established for the zone fitness centre and ancillary services revenues consistent with the business cases for the student experience infrastructure projects funded by the debenture. The balance of the second sinking fund as at April 30, 2023 was \$3.14 million which exceeds the expected value of \$2.91 million based on the growth schedule for the fund.

Pension plan

The actuarial valuation on the pension plan completed as at July 1, 2022, indicated the plan was 99 per cent funded on a going-concern basis (98 per cent as at January 1, 2020 valuation) and 105 per cent on a solvency basis (106 per cent as at January 1, 2020 valuation). The going concern deficit improved slightly due to higher interest rates increasing the discount rate that reduces the present value of the liabilities. 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 \$5.3 million (\$12.7 million as at January 1, 2020 valuation) has required special payments into the plan of \$0.5 million representing an annual savings of \$1.0 million compared to the last valuation. In addition, current service cost payments for the plan of \$14.1 million for a total cost to the University of \$14.6 million annually. Employees also contribute to the money purchase component of the plan (defined contribution) an additional \$8.2 million resulting in an employer to employee funding ratio of 1.8 to 1.0. An updated valuation is required before the next triannual valuation date of July 1, 2025.

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

Figure 72: Pension Plan as of June 30 pension year end (\$000s)



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, 2023.

Figure 73: Endowment activity

(\$000s)	2022-23 Actual	2021-22 Actual	2020-21 Actual	2019-20 Actual	2018-19 Actual	2017-18 Actual
Opening endowment	119,025	123,810	103,896	107,026	96,671	93,697
Spending	(4,281)	(3,180)	(3,091)	(2,929)	(2,464)	(2,396)
Investment income and unrealized gain /(loss)	6,498	(2,242)	19,893	(1,553)	10,932	4,099
New donations	1,090	637	3,112	1,352	1,887	1,271
Ending endowment	122,332	119,025	123,810	103,896	107,026	96,671

Figure 74: Top 10 endowments 2022-23

Amount (\$000s)	Name	Purpose
19,918	Marilyn I. Walker SFPA Fund	Supports the MIWSFPA
8,717	The Harrison-Thompson Bursary Trust	Supports Undergraduate Awards
3,306	The Joyce Foundation Bursary	Supports Undergraduate Awards
3,194	Dr. Gerald B. Mitchell Fund in Experiential Learning	Supports Research, Student Experiences and Programming
2,735	VP Research Discretionary Fund	VP Research Discretionary
2,182	Dr. Raymond & Mrs. Sachi Moriyama Graduate Fellowships	Supports Graduate Awards
2,083	Bluma Appel Entrance Scholarship For Excellence	Supports Graduate Awards
1,682	Luigi and Amalia Setacci Award	Supports Undergraduate Awards
1,558	Williamson Memorial Fund	Supports Undergraduate Awards
1,530	Provost Discretionary Enhancement Fund	Provost Discretionary







Capital investments

In total, the University purchased \$31.7 million in capital additions during 2022-23. These additions represent investments in facilities and information technology supporting a number of projects, including the initial purchase and renovation of 3401 Schmon Parkway, construction related to Inniskillin Hall, VPMI equipment, Village Residence Interior & Exterior renewal, District Energy Water Supply Replacement and Mackenzie Chown A Block renovation, 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, is from the capital and infrastructure projects and reserves fund (capital fund). As detailed in Figure 75, \$14.0 million of funding from the capital fund supported the information technology capital purchases (\$1.6 million) and facilities management capital purchases (\$12.4 million) during the year.

Figure 75 illustrates the 2022-23 activity of the capital fund, which makes up a component of the internally restricted net asset balance in the audited NFPS Financial Statements. During 2022-23, \$15.3 million was transferred into the fund from operating. In year, an additional \$0.4 million in funding was added to the fund from other reserves including the encumbrance reserve and the strategic reserve, \$0.03 million from endowments and \$0.06 from external research grants.

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, 2022)	14,692	2,296	16,988
Funding from operating	10,005	5,331	15,336
Funding from strategic reserve	6		6
Funding from encumbrance reserve	350		350
Funding from endowments		28	28
Funding from external research	56		56
Transfer between FM and ITS projects	(4)	4	-
In-year spending (capitalized)	(12,385)	(1,577)	(13,962)
In-year spending (not capitalized)*	(153)	(2,240)	(2,393)
Ending Balance (April 30, 2023)	12,567	3,842	16,409

\* 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





# Financial Statements of BROCK UNIVERSITY

## Year ended April 30, 2023

### 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, 2023 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, 2023 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.



**Lesley Rigg, Ph.D.**  
President and Vice-Chancellor



**Lynn Wells, Ph.D.**  
Provost & Vice-President, Academic



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





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## INDEPENDENT AUDITOR'S REPORT

To the Trustees of Brock University

### Opinion

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

- the statement of financial position as at April 30, 2023
- 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, 2023, 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 **"Auditor's Responsibilities for the Audit of the Financial Statements"** section of our auditor's report.

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

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

KPMG LLP, an Ontario limited liability partnership and member firm of the KPMG global organization of independent member firms affiliated with KPMG International Limited, a private English company limited by guarantee. KPMG Canada provides services to KPMG LLP.



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

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

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

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

### **Auditor's 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 auditor's 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 auditor's 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 auditor's 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

Vaughan, Canada

June 28, 2023

BROCK UNIVERSITY

Statement of Financial Position

As at April 30, 2023, with comparative information for 2022 (in thousands of dollars)

	2023	2022
<b>Assets</b>		
Current assets:		
Cash and cash equivalents (note 2)	\$68,904	\$98,027
Accounts receivable	32,643	33,287
Government grants receivable	5,485	5,842
Prepaid expenses and other assets	889	838
Inventories	1,631	1,409
	109,552	139,403
Restricted investments (note 3)	210,806	207,159
Capital assets (note 4)	510,485	511,205
Employee future benefits asset (note 9)	9,899	-
	\$840,742	\$857,767
<b>Liabilities and Net Assets</b>		
Current liabilities:		
Accounts payable and accrued liabilities (note 16)	\$26,351	\$38,568
Deferred revenue	39,231	43,766
Deferred contributions (note 5)	14,309	13,128
Current portion of long-term debt (note 6)	2,908	21,978
	82,799	117,440
Long-term debt (note 6)	34,532	23,232
Debenture payable (note 7)	215,010	214,940
Deferred capital contributions (note 8)	214,400	216,335
Employee future benefits obligation (note 9)	29,692	33,719
Total liabilities	576,433	605,666
<b>Net assets:</b>		
Endowments (note 10)	122,332	119,025
Invested in capital assets (note 11)	76,150	82,670
Internally restricted (note 12)	85,516	84,022
Employee future benefits	(19,793)	(33,719)
Unrestricted	104	103
	264,309	252,101
Commitments (note 13)		
Contingencies (notes 14 and 15)		
	\$840,742	\$857,767

The accompanying notes are an integral part of these financial statements.  
On behalf of the Board:

Lesly Kiss Trustee      Mark C. Hartman Trustee



BROCK UNIVERSITY

Statement of Operations

Year ended April 30, 2023, with comparative information for 2022 (in thousands of dollars)

	2023	2022
Revenues:		
Student fees	\$187,616	\$187,773
Government grants	98,411	97,338
Ancillary operations	38,673	31,192
Sales and services	19,376	14,018
Other revenues for restricted purposes	5,083	4,938
Investment income	6,792	1,479
Research grants for restricted purposes (note 17)	13,973	13,173
Gain on sale of assets	365	3,297
Amortization of deferred capital contributions (note 8)	9,464	8,812
	379,753	362,020
Expenses:		
Salaries and benefits	242,912	229,489
Operating expenses	45,303	39,776
Scholarships, fellowships and bursaries	30,717	30,230
Expendable equipment, repairs and maintenance	11,710	11,587
Utilities and taxes	7,855	6,393
Interest on long-term debt	10,291	10,543
Cost of sales	4,235	4,366
Amortization of capital assets	32,434	26,877
	385,457	359,261
Excess of (expenses over revenues) revenues over expenses	(5,704)	2,759
Net transfers to internally restricted net assets	(1,494)	(7,274)
Net transfers from invested in capital assets	6,520	4,250
Net transfers from employee future benefits	679	266
Change in unrestricted net assets in the year	5,705	(2,758)
Unrestricted net assets, beginning of year	103	102
Unrestricted net assets, end of year	\$104	\$103

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

BROCK UNIVERSITY

Statement of Changes in Net Assets

Year ended April 30, 2023, with comparative information for 2022 (in thousands of dollars)

April 30, 2023	Employee future benefits	Endowments (note 10)	Invested in capital assets (note 11)	Internally restricted (note 12)	Unrestricted	Total
Net assets, beginning of year	(33,719)	119,025	82,670	84,022	103	252,101
Excess of revenues over expenses (expenses over revenues)	-	-	(22,970)	-	17,266	(5,704)
Net change in internally restricted net assets	-	-	-	1,494	(1,494)	-
Net change in investment in capital assets (note 11(b))	-	-	16,450	-	(16,450)	-
Actuarial gain in employee future benefits	14,605	-	-	-	-	14,605
Net current service charge in employee future benefits	(679)	-	-	-	679	-
Change in endowment net assets (note 10(a))	-	3,307	-	-	-	3,307
Net assets, end of year	\$(19,793)	\$122,332	\$76,150	\$85,516	\$104	\$264,309

April 30, 2022	Employee future benefits	Endowments (note 10)	Invested in capital assets (note 11)	Internally restricted (note 12)	Unrestricted	Total
Net assets, beginning of year	\$(29,700)	\$123,810	\$86,920	\$76,763	\$102	\$257,895
Excess of revenues over expenses (expenses over revenues)	-	-	(20,210)	-	22,969	2,759
Net change in internally restricted net assets	-	-	-	7,274	(7,274)	-
Net change in investment in capital assets (note 11(b))	-	-	15,960	-	(15,960)	-
Actuarial loss in employee future benefits	(3,753)	-	-	-	-	(3,753)
Net current service charge in employee future benefits	(266)	-	-	-	266	-
Change in endowment net assets (note 10(a))	-	(4,785)	-	(15)	-	(4,800)
Net assets, end of year	\$(33,719)	\$119,025	\$82,670	\$84,022	\$103	\$252,101

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



BROCK UNIVERSITY

Statement of Cash Flows

Year ended April 30, 2023, with comparative information for 2022 (in thousands of dollars)

	2023	2022
Cash provided by (used in):		
Operating activities:		
Excess of (expenses over revenues) revenues over expenses	(5,704)	\$2,759
Add (deduct) non-cash items:		
Gain on sale of assets	(365)	(3,297)
Amortization of gain on sale of assets	(414)	(204)
Amortization of capital assets	32,434	26,877
Amortization of deferred capital contributions	(9,464)	(8,812)
Amortization of deferred charges on debenture payable	70	68
	16,557	17,391
Net change in non-cash working capital balances related to operations:		
Increase in accounts receivable	(356)	(3,689)
Decrease (increase) in government grants receivable	357	(1,072)
Increase in prepaid expenses and other assets	(51)	(397)
Increase in inventories	(222)	(7)
Decrease in accounts payable and accrued liabilities	(12,217)	(5,796)
(Decrease) increase in deferred revenue	(3,756)	1,085
Increase in deferred contributions	1,181	884
Net current service charge in employee future benefits	679	266
	(14,385)	(8,726)
Cash provided by operating activities	2,172	8,665
Financing activities:		
Contributions restricted for capital purposes	7,529	30,923
Increase in long-term debt	15,500	-
Repayment of long-term debt	(23,270)	(2,085)
Cash provided by financing activities	(241)	28,838
Investing activities:		
Net change in restricted investments	(3,647)	(493)
Purchase of capital assets	(31,714)	(58,531)
Net proceeds from sale of assets	1,000	3,592
Change in endowment net assets	3,307	(4,785)
Cash used in investing activities	(31,054)	(60,217)
Decrease in cash	(29,123)	(22,714)
Cash and cash equivalents, beginning of year	98,027	120,741
Cash and cash equivalents, end of year	\$68,904	\$98,027

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

BROCK UNIVERSITY

Notes to Financial Statements

Year ended April 30, 2023

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. The financial statements include the financial results of the University and its investment in a joint venture (note 1(o) and note 19).

- (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 July 1, 2022 and the next required valuation will be as of July 1, 2025.  
  
The most recent actuarial valuation of the non-pension benefits for accounting purposes was as of April 30, 2023.
- (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 \$16,755,000 (2022 - \$14,496,000) and is expected to be received as follows:



(000's)	2023	2022
2023	\$-	\$1,669
2024	1,357	886
2025	1,018	859
2026	906	709
2027	764	577
2028	669	-
Thereafter	12,041	9,796
	\$16,755	\$14,496

(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. The University has elected to carry all financial 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. Items subject to such estimates and assumptions include the carrying amount of capital assets, valuation allowances for receivables, valuation of derivative financial instruments, accrued liabilities and obligations related to employee future benefits. Actual results could differ from those estimates. These estimates are reviewed periodically, and, as adjustments become necessary, they are reported in income in the year in which they become known.

(o) Joint ventures:

Joint ventures are accounted for under the proportionate consolidation method. The University accounts for its interest in the joint venture on a line by line basis in the financial statements and eliminates any inter-organizational transactions and balances. Accounting policies of the joint venture are conformed to those of the University before it is proportionately consolidated.

2. Cash and cash equivalents:

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

(000's)	2023	2022
Cash and cash equivalents	\$67,047	\$93,245
Held for future capital projects		
Cash and cash equivalents	1,857	4,782
	\$68,904	\$98,027

3. Restricted investments:

The fair value of investments are as follows:

(000's)	2023	2022
Invested for endowments		
Cash and cash equivalents	\$367	\$270
Walter Scott & Partners Global Equity Fund	37,695	34,300
Mawer Global Equity Pooled Fund	38,300	37,005
Barings Global High Yield Credit Strategies Fund	22,796	23,444
PH&N Core Plus Fixed Income	23,174	24,006
	122,332	119,025
Invested for unspent capital projects		
Cash and cash equivalents (note 8)	172	155
Invested for future debt repayments		
Mawer Balanced Fund	12,090	9,969
Invested for employee future benefit reserve		
Mawer Balanced Fund	6,665	6,280
Invested for other restricted purposes		
Cash and cash equivalents	68,510	71,057
Canada Games Park capital reserve	373	-
TD Global Equity Investments	664	673
	69,547	71,730
	\$210,806	\$207,159



4. Capital assets:

April 30, 2023 (000's)	Cost	Accumulated amortization	Net book value
Land	\$56,487	\$-	\$56,487
Buildings	724,641	311,412	413,229
Furnishings and equipment	103,528	64,780	38,748
Library books	47,677	45,656	2,021
	\$932,333	\$421,848	\$510,485

April 30, 2022 (000's)	Cost	Accumulated amortization	Net book value
Land	\$52,655	\$-	\$52,655
Buildings	704,580	287,689	416,891
Furnishings and equipment	98,588	59,094	39,494
Library books	46,939	44,774	2,165
	\$902,762	\$391,557	\$511,205

Included in buildings and furnishings and equipment is \$2,626,000 (2022 – \$12,406,000) of construction in progress that was not amortized during the year.

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

(000's)	2023	2022
Balance, beginning of year	\$511,205	\$481,711
Purchase of capital assets funded by deferred capital contributions	7,511	31,934
Purchase of capital assets internally financed	10,586	13,875
Purchase of capital assets financed by proceeds of long term debt	13,617	12,707
Sale of Land	-	(2,145)
Amortization of capital assets	(32,434)	(26,877)
Balance, end of year	\$510,485	\$511,205

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)	2023	2022
Balance, beginning of year	\$13,128	\$12,244
Grants, donations and other expendable funds received	14,766	13,753
Amounts recorded as revenue during the year	(13,585)	(12,869)
Balance, end of year	\$14,309	\$13,128

6. Long-term debt:

(000's)	2023	2022
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	\$4,924	\$5,628
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	3,908	4,467
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	-	20,715
Student Experience Projects:		
2.49% interest only payments with the principal repayable in full on or before June 3, 2024	14,400	14,400
3401 Schmon Parkway:		
Serial mortgage with fixed monthly principal payments of \$129 and interest at 3.91%, due on June 28, 2027	14,208	-
	37,440	45,210
Less current portion	(2,908)	(21,978)
	\$34,532	\$23,232

Debt maturities:

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

(000's)	
2024	2,908
2025	17,409
2026	3,117
2027	3,234
2028	9,818
Thereafter	954
	\$37,440

(a) Bank credit facility:

The University has available operating line of credit of \$20,000,000 that was not utilized at April 30, 2023. The interest rate on the operating line of credit, when drawn, is the Bank’s Prime lending rate from time to time minus 0.55% (the prime rate at April 30, 2023 was 6.70%). 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 \$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 University converted a net notional of \$15,500,000 of floating rate long-term debt relating to the acquisition of 3401 Schmon Parkway. The fixed rate paid under the interest rate swap is 3.91%. The maturity date of the interest rate swap is the same as the maturity date of the associated long-term debt of June 28, 2027.

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

(000's)	2023		2022	
	Notional value	Fair value	Notional value	Fair value
Roy and Lois Cairns Health and Bioscience Research Complex	\$-	\$-	\$20,715	\$20,910
Student Experience Projects	14,400	13,970	14,400	14,109
3401 Schmon Parkway	14,208	14,150	-	-
	\$28,608	\$28,120	\$35,115	\$35,019

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)	2023	2022
Series A 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	(2,505)	(2,562)
Series B debenture payable, bearing interest at 3.033%, \$1,896 payable interest only semi-annually, due May 17, 2060	125,000	125,000
Deferred refinancing expenses	(485)	(498)
	\$215,010	\$214,940

The fair value of the debenture payable due December 14, 2045 (Series A) is \$98,387,000 (2022 – \$100,321,000). Fair value has been determined using the market quote of the debenture which as at April 30, 2023 was 105.79 (2022 – \$107.87).

The fair value of the debenture payable due May 17, 2060 (Series B) is \$90,589,000 (2022 – \$91,885,000). Fair value has been determined using the market quote of the debenture which as at April 30, 2023 was \$72.47 (2022 – \$73.51).

The University has established two internal sinking funds for each of the Series A and Series B debentures and purchased units in the Mawer Balanced Fund with a market value of \$8,954,000 (2022 – \$8,437,000) and \$3,136,000 (2022 – \$1,532,000) respectively. 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 Series A and B 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)	2023	2022
Balance, beginning of year	\$216,335	\$194,224
Less amortization of deferred capital contributions	(9,464)	(8,812)
Add contributions restricted for capital purposes	7,529	30,923
Balance, end of year	\$214,400	\$216,335

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

(000's)	2023	2022
Unamortized capital contributions used to purchase assets	\$214,228	\$216,180
Unspent capital contributions	172	155
	\$214,400	\$216,335

9. Employee future benefits obligation:

(a) Pension benefit plan:

The University sponsors a hybrid pension plan, which contains both a defined contribution component and a defined benefit component. The defined contribution component of the plan is funded by University and member contributions and provides a benefit to members based on their accumulated account balance. The defined benefit component of the plan is funded by University contributions and provides for a guaranteed minimum benefit. The latest actuarial funding valuation was performed as at July 1, 2022. The next required actuarial funding valuation will be completed on or before July 1, 2025.

The University measured its accrued benefit obligation and fair value of plan assets for accounting purposes as at April 30, 2023. A summary of the financial status of the plan is as follows:

(000's)	2023	2022
Accrued benefit obligation	\$641,115	\$632,739
Fair value of plan assets	651,014	624,951
Accrued benefit asset (liability)	\$9,899	\$(7,788)



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

	2023	2022
Discount rate on defined benefit costs	5.85%	5.30%
Rate of compensation increases	2.80% – 3.25%	2.80% – 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)	2023	2022
Current service cost (defined contribution)	\$13,256	\$12,708
Current service cost (defined benefit)	1,313	1,813
Unfunded liability (going concern)	1,463	1,463
Total	\$16,032	\$15,984

(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, 2023.

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

(000's)	2023	2022
Accrued benefit obligation	\$29,692	\$25,931
Fair value of plan assets	-	-
Accrued benefit liability	\$29,692	\$25,931

The University established an internally restricted reserve (note 12) for employee future benefits of \$8,252,000 (2022 – \$7,867,000).

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

	2023	2022
Discount rate	4.70% - 4.90%	4.60% - 5.00%
Prescription drug costs	6.68% (2022 – 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)	2023	2022
Non-pension defined benefit plans	\$4,176	\$4,378
Non-pension benefit plans	664	673
Total	\$4,840	\$5,051

10. Endowments:

(a) Change in endowment net assets:

The following were recorded directly to endowment net assets:

(000's)	2023	2022
Contributions restricted for endowments	\$1,090	\$637
Investment income	1,140	4,221
Internally allocated for endowment spending	(4,281)	(3,180)
Unrealized gain (loss)	5,358	(6,463)
	\$3,307	\$(4,785)

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)	2023	2022
Externally endowed	\$113,836	\$110,714
Internally endowed	8,496	8,311
	\$122,332	\$119,025

(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)	2023	2022
Expendable funds available for awards, beginning of year	\$2,096	\$2,097
Investment income eligible for expenditures	150	470
Bursaries awarded	(471)	(471)
Expendable funds available for awards, end of year	\$1,775	\$2,096
Total OSOTF, Phase One, end of year	\$12,225	\$12,786
Number of bursaries awarded	130	130



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

(000's)	2023		2022	
	Market	Book	Market	Book
Endowment balance, beginning of year	\$15,360	\$10,692	\$15,949	\$10,609
Unrealized gain (loss) for the year	635	-	(672)	-
Investment income less bursaries awarded	(240)	(240)	83	83
Endowment balance, end of year	\$15,755	\$10,452	\$15,360	\$10,692

(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)	2023	2022
Expendable funds available for awards, beginning of year	\$1,128	\$1,062
Investment income eligible for expenditures	52	190
Bursaries awarded	(129)	(124)
Expendable funds available for awards, end of year	\$1,051	\$1,128
Total OSOTF, Phase Two, end of year	\$5,058	\$5,242
Number of bursaries awarded	31	31

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

(000's)	2023		2022	
	Market	Book	Market	Book
Endowment balance, beginning of year	\$5,858	\$4,114	\$6,118	\$4,078
Unrealized gain (loss) for the year	241	-	(296)	-
Investment income less bursaries awarded	(107)	(107)	36	36
Endowment balance, end of year	\$5,992	\$4,007	\$5,858	\$4,114

(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)	2023	2022
Expendable funds available for awards, beginning of year	\$6,454	\$6,175
Investment income eligible for expenditures	285	1,029
Bursaries awarded	(670)	(750)
Expendable funds available for awards, end of year	\$6,069	\$6,454
Total OTSS, end of year	\$28,155	\$29,064
Number of bursaries awarded	334	401

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

(000's)	2023		2022	
	Market	Book	Market	Book
Endowment balance, beginning of year	\$32,485	\$22,608	\$33,875	\$22,424
Unrealized gain (loss) for the year	1,323	-	(1,574)	-
Investment income less bursaries awarded	(523)	(523)	184	184
Endowment balance, end of year	\$33,285	\$22,085	\$32,485	\$22,608

11. Net assets invested in capital assets:

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

(000's)	2023	2022
Capital assets, net (note 4)	\$510,485	\$511,205
Less amounts financed by:		
Long-term debt (note 6)	(23,040)	(30,810)
Deferred capital contributions (note 8)	(214,228)	(216,180)
Debenture payable (note 7)	(198,924)	(186,327)
Cash and cash equivalents held for future capital projects (note 2)	1,857	4,782
Balance, end of year	\$76,150	\$82,670

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

(000's)	2023	2022
Repayment of long-term debt	\$5,864	\$2,085
Purchase of capital assets internally financed (note 4)	10,586	13,875
Increase in invested in capital assets	16,450	15,960
Amortization expense	(32,434)	(26,877)
Less amortization of deferred capital contributions	9,464	8,812
Sale of land	-	(2,145)
Decrease in invested in capital assets	(22,970)	(20,210)
Net change in invested in capital assets	\$(6,520)	\$(4,250)



12. Internally restricted net assets:

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

(000's)	2023	2022
Capital and infrastructure projects and reserves	\$16,409	\$16,988
Operating project accounts	8,235	8,392
Research funds with no external obligations	4,325	3,790
Start-up funds	4,137	3,826
Professional expense reimbursement accounts	4,271	4,231
Sinking fund (note 7)	12,090	9,969
Employee future benefits reserve (note 9)	8,252	7,867
Debt repayment reserve	-	3,153
Contingency reserve	7,210	6,670
Canada Games Park capital reserve	373	-
Strategic initiative fund	19,689	18,208
Encumbrance reserve	525	928
	\$85,516	\$84,022

13. Commitments:

- (a) As at April 30, 2023, the estimated costs to complete approved capital and renovation projects are approximately \$1,397,000 (2022 – \$602,000), 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)	
2024	\$2,735
2025	1,835
2026	969
2027	582
2028	582
Thereafter	10,858
	\$17,561

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, 2023.

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, 2023, 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 \$347,000 (2022 – \$4,736,000), 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)	2023	2022
Revenues:		
Grant revenue	\$13,585	\$12,869
Grant revenue – central overhead	388	304
	13,973	13,173
Expenses:		
Salaries and benefits	3,993	3,813
Operating expenses	5,661	5,505
Scholarships, fellowships and bursaries	3,116	2,779
Expendable equipment, repairs and maintenance	1,203	1,076
	13,973	13,173
Excess of revenue over expenses	\$-	\$-



18. Financial risks:

Financial risks have not changed significantly as compared to the prior year.

(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, 2023 is \$5,519,000 (2022 – \$4,063,000).

(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 \$14,530,000 USD (2022 – \$16,426,000 USD). At April 30, 2023 there is an approximate \$286,000 unrealized foreign exchange loss resulting from the mark to market of foreign exchange contracts.

(d) Liquidity risk:

Liquidity risk is the risk of being unable to meet cash requirements or to fund obligations as they become due. Accounts payable and accrued liabilities are generally paid shortly after year end. For long-term debt, the University has established investments to provide for cash flow requirements (notes 6 and 7).

(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. Canada Games Park:

The University entered into a Consortium agreement with the Niagara Region, City of St. Catharines and City of Thorold (together with the University, the “Consortium”) for the construction of Canada Games Park, which was substantially complete on February 11, 2022. The facility is located on lands owned by the University and leased to the Consortium for a nominal fee until February 2060. A decision to either renew the land lease or transfer facility ownership to the University is scheduled for year 30 of the agreement in 2052. The University has a 25% ownership in the Canada Games Park facility and is a one-third operating partner of the facility. The financial results of the Canada Games Park are proportionately consolidated with those of the University.

The amounts included in these financial statements are as follows:

Statement of Financial Position

(000's)	2023	2022
Assets:		
Cash and cash equivalents	\$90	\$75
Accounts receivable	51	38
Prepaid expenses	2	-
Capital assets	25,093	23,820
	25,236	23,933
Liabilities and Net Assets:		
Accounts Payable	88	72
Deferred revenue	31	-
Deferred capital contributions	25,052	23,879
Net assets	65	(18)
	\$25,236	\$23,933









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