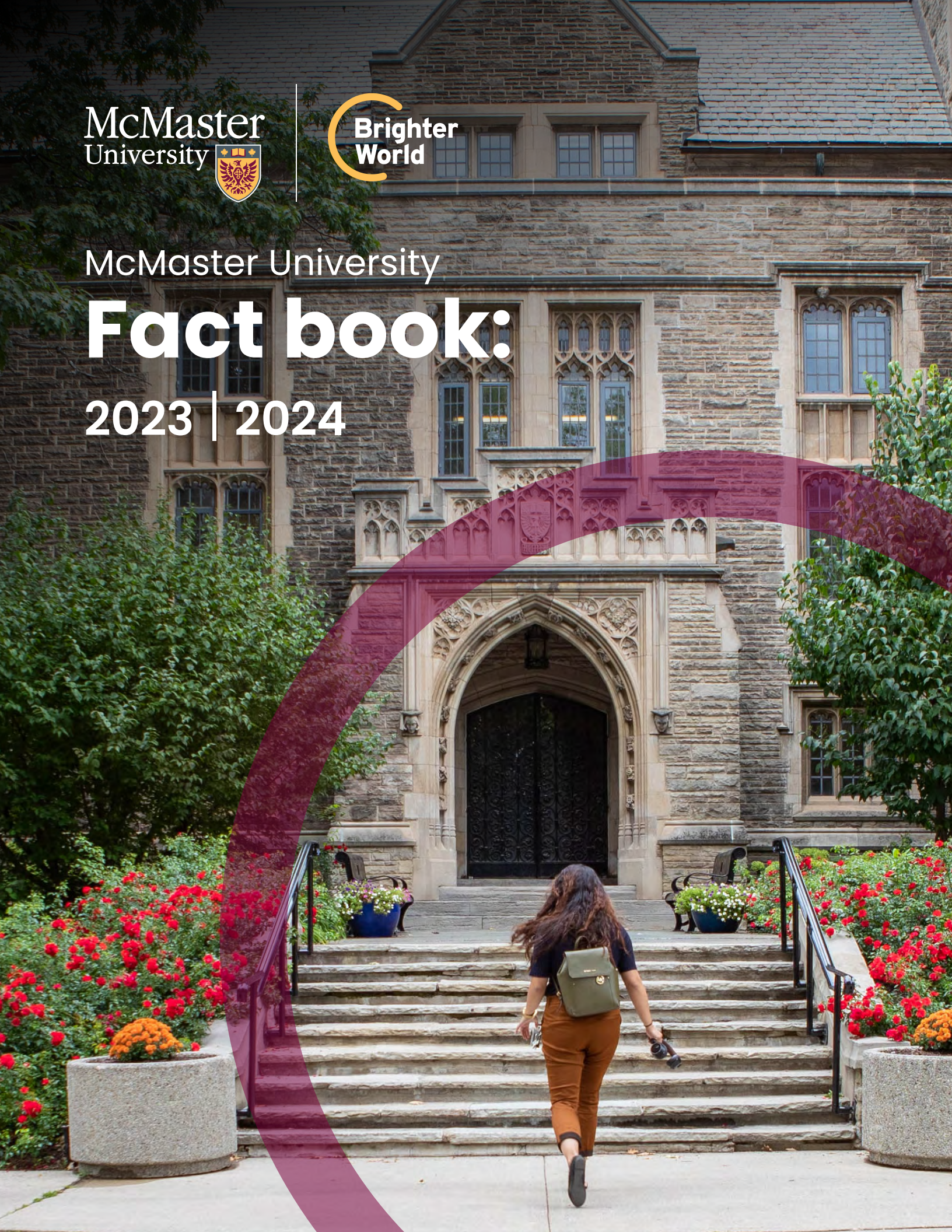




McMaster University

# Fact book:

2023 | 2024



## Fact book 2023–2024

Any questions concerning the contents of this book should be directed to:

### Institutional Research and Analysis

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McMaster Continuing Education  
McMaster Innovation Park  
McMaster Museum of Art  
Office of Community Engagement  
Office of International Affairs  
Office of the President  
Office of the Provost and Vice-President (Academic)  
Office of the Vice-President (Research)  
School of Graduate Studies  
Student Affairs  
University Advancement  
University Library

# Introduction

October, 2024

We are pleased to present the university community with the 2023-2024 McMaster University Fact Book. The Fact Book is a compilation of the most frequently requested data and statistical information about McMaster University. It is a basic source of official university data and a valuable resource for high-level, aggregate information.

Many significant events occurred during the 2023-2024 academic year. McMaster ranked as one of the top 100 world universities by ShanghaiRanking's, placed 36th in the world for Clinical and Health by Times Higher Education (THE), and received first in Canada for Health and Well-being in the THE University Impact Rankings. McMaster also ranked highly for Sports-Related subjects (32nd) and Nursing (33rd) by QS World University Rankings. In the 2024 Maclean's University Rankings of Medical-Doctoral Universities, McMaster was first for student services as well as second for medical/science grants, total research dollars and library acquisitions.

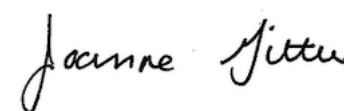
The university welcomed over 6,000 first-year students to campus for McMaster Welcome, which won best event by an academic institution at the Canadian Event Awards (2023). The Lyons Media Centre opened a virtual reality room and group podcast studio in September 2023 to enhance creative and technological resources for students and faculty. Innovative approaches to integrate Artificial Intelligence (AI) in teaching and learning were adopted to prepare students to be innovators in this critical area. In addition, the Open Educational Resources (OER) Grant Program expanded in 2023 to support the creation and adaption of new teaching and learning materials by McMaster instructors.

McMaster continued to position Canada as a global leader in critically important areas like electric vehicles, infectious disease research and nuclear medicine. McMaster was among the winners for faculty research intensity, placing second in Canada by Research Infosource and maintained status for its many highly cited researchers by Clarivate. McMaster sustained recognition as one of Canada's Best Diversity Employers and one of Hamilton-Niagara's Top Employers, highlighting McMaster's commitment to creating a workplace that values diversity, inclusivity, and employee well-being.

We thank the McMaster community for their contributions to this edition of the McMaster University Fact Book.

The Office of Institutional Research and Analysis (IRA) provides accurate, timely and high-quality data to academic and administrative offices at McMaster and strives to ensure the McMaster University Fact Book meets the information requirements of its readers. Please send comments and/or suggestions on the contents and usefulness of this publication to [irahelp@mcmaster.ca](mailto:irahelp@mcmaster.ca).

Sincerely,



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# McMaster institutional priorities and strategic goals

McMaster University continues to maintain its international reputation as a centre of excellence for teaching and learning, innovation, and creativity. This year, McMaster continued to rank among the world's top universities, ranking 33rd in the world for global impact in the 2023 Times Higher Education University Impact Rankings, a global metric that assesses universities' progress in achieving the United Nations' Sustainable Development Goals. As well, McMaster continues to stand out as one of Canada's most research-intensive universities, ranking second for faculty research intensity and third for graduate student research intensity in 2023, according to Research Infosource.

## Looking to the future

McMaster focuses on areas of strategic importance. In addition to advancing research excellence across the campus, we are positioning Canada as a global leader in critically important areas like electric vehicles, infectious disease research and nuclear medicine. We are focused on expanding our innovation ecosystem to support student and faculty entrepreneurs and strengthen McMaster's capacity as a biotechnology leader in our community and our region. We are continuing to equip our students with the knowledge and skills they need to excel in increasingly digital learning and work environments through the launch of our digital learning strategy and the establishment of the Generative AI Taskforce. This is exploring how McMaster can adapt and incorporate rapidly evolving artificial intelligence technologies, such as ChatGPT, into our teaching and learning practice. We have also made significant advances in our goals to embed an inclusive approach throughout our operations, and to engage diverse communities. Our focus on sustainability has remained a priority as we continue to work towards a net-zero carbon campus. As a result of the many efforts and initiatives undertaken by students, staff and faculty across McMaster, we are on track to cut our total carbon emissions on campus by more than 40% by the end of 2024 over 2018 levels. The university has also successfully reduced the carbon intensity of its investments by 70 per cent from 2018 levels. This report includes many further examples of our collective progress toward achieving these and all the university's institutional priorities and strategic goals.

## Vision statement

Impact, Ambition and Transformation through Excellence, Inclusion and Community:  
Advancing Human and Societal Health and Well-Being.

## Strategic priorities

McMaster's institutional priorities and strategic framework for 2021 to 2024 captures the depth of our collective aspirations and desire for impact in all that we do through five institutional priorities: (1) inclusive excellence, (2) teaching and learning, (3) research and scholarship, (4) engaging local, national, Indigenous, and global communities, and (5) operational excellence. The framework aligns with McMaster's Equity, Diversity, and Inclusion (EDI), Community Engagement, Research and Teaching and Learning strategies and supports other planning processes throughout the institution.

Collectively, McMaster's vision, mission, and strategic priorities support the priority areas of the Ontario government's 2020-25 Strategic Mandate Agreement (SMA3) and associated performance measurement metrics.

### Institutional priorities and strategic goals 2023-2024

Any questions concerning the contents of this book should be directed to:

#### Institutional research and analysis

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Phone: 905-525-9140, ext. 23530 | Email: [irahelp@mcmaster.ca](mailto:irahelp@mcmaster.ca) | URL: [ira.mcmaster.ca](http://ira.mcmaster.ca)

*\*Any revisions to the McMaster institutional priorities and strategic goals will be reflected in its web version. Please check [president.mcmaster.ca/annual-reports](http://president.mcmaster.ca/annual-reports) for the most up-to-date version.*

# Priority 1: Inclusive excellence

**Goal:** Aspire to embed an inclusive approach that intentionally engages and respects a diversity of peoples, perspectives and ways of knowing in everything we do.



## Building an Inclusive campus community

- This year, the [Access Program Community Group/ School Outreach Initiative](#) expanded its outreach to more than 40 local elementary and high schools with the goal of building a pathway for students from equity-deserving communities to attend McMaster. This led to 3,310 interactions through one-on-ones, school/community partner visits, campus visits and outreach events.
- The School of Rehabilitation Science launched [Students with Disabilities in Health Professions and Beyond](#), developing recommendations, guidelines, and tools. The project goal is to increase enrolment, representation and inclusion, and decrease attrition of students with disabilities in health professional programs.
- The Faculty of Science launched the [McMaster Equitable Pathways to Learning University Science program \(MePLUS\)](#) to engage Grade 11 and 12 students from equity-deserving groups from across Hamilton. Teens meet one Saturday a month on campus for hands-on workshops, mentorship and leadership coaching.
- McMaster University's assistive technology space reopened to students following a significant expansion. The Campus Accessible Tech Space (CATS) provides resources, facilities, and services for McMaster students with accessibility needs.
- The DeGroote School of Business has increased engagement with [LimeConnect](#), the largest network of high-potential university students and professionals with disabilities in the world, to provide access to employment and networking opportunities for people with visible and non-visible disabilities.
- Psychotherapist-spiritual counsellors with Jewish, Palestinian and Muslim identities were contracted to help address the specific needs of Jewish, Palestinian and Muslim students. Contracts have been extended to 2025.
- In 2023, McMaster Engineering launched the [Black Outreach STEM Series \(BOSS\)](#) designed to integrate culturally relevant topics and memorable educational experiences into STEM workshops. BOSS initiatives include the Hair Care series and the Kente Cloth Design series, and have engaged more than 2,100 Black youth since the program's launch.



In the fall of 2023, the [Exceptional Housing Costs Bursary](#) was introduced to address increasing housing costs in Hamilton. All in-course students studying at McMaster who demonstrate financial need and proof of steep housing costs are eligible to apply for the bursary. The Office of the Registrar stewarded \$635,000 in relief funds to 1,342 undergraduate and graduate students via the bursary.

## Supporting tuition and housing affordability

- This year, McMaster established the [ionkhihahonnién:ni bursary for Indigenous students](#), which means "they're making a path for us" in the Mohawk language. This program assists with tuition and helps cover cost-of-living expenses such as housing, childcare, food and transportation. It's an important recognition of the additional financial barriers faced by Indigenous students in accessing and completing university.
- Established this year, the new [Indigenous Financial Aid Specialist](#) role is a collaborative initiative between Indigenous Student Services and the Aid & Awards unit in the Office of the Registrar. This role will oversee the [ionkhihahonnién:ni bursary](#) and support Indigenous students with financial aid and financial literacy expertise.
- McMaster is upholding its responsibilities under the Jay Treaty of 1794 by [extending Ontario tuition fees to Indigenous students](#) whose ancestral homelands are within the United States or a Canadian province outside of Ontario.
- A grant program that helps McMaster instructors create and adapt high-quality, free, open textbooks and course materials is making \$60,000 in funding available to instructors through the Open Educational Resources Grant Program. The textbooks and course materials created through this program are provided to students free of charge.

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**Inclusive excellence is a concept that recognizes the integral relationship between diversity and quality in research, teaching, service, and governance. It envisions diversity and quality as 'two sides of the same coin'.**

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## Advancing black student excellence

- The Black Student Success Centre has appointed a new Black wellness counsellor to provide culturally responsive therapy services and destigmatize seeking mental health support. This year, more than 150 Black undergraduate and graduate students with diverse intersectional identities accessed 500 hours of wellness support aimed at helping Black students navigate relationship and academic pressures, stressors and racism.
- The [Canadian Black Nurses Alliance – McMaster \(CBNA-Mac\)](#), co-founded by students who identified the need for a community that fosters connections among Black nursing students, launched the [Black Nurses and Students Allied for Success mentorship program](#). The program is aimed at fostering the collaboration and community building essential for driving the nursing profession forward.
- The Faculties of Science and Engineering launched Mac-ISTEP, a program that provides Black teens from Hamilton and Halton secondary schools with the opportunity to spend a term attending workshops in McMaster labs and take part in a week-long summer intensive that includes staying in residence. The program is part of Securing Black Futures: A National Partnership to Advance Youth Academic & Career Success, a Canada-wide initiative.
- Several initiatives, reaching a total of 1,678 high school students, have successfully contributed to an increase in the number of Black high school students applying to McMaster including:
  - The Black Student Mentorship Program, which expanded this year to 10 local high schools across three school boards and provided weekly mentorship for Black high school students.
  - Black Applicant Meet-and-Greet Sessions fostered connections with more than 1,000 applicants and family members.



## Building a culture of truth and reconciliation on campus

- In the months and weeks leading up to National Day for Truth and Reconciliation, both Indigenous and non-Indigenous staff, students and faculty came together to co-develop programming, events and content to support Truth and Reconciliation across McMaster's campus and beyond, including:
  - The creation of the [McMaster Indigenous Studies Community Book Club](#). Organized by the Indigenous Studies Department, the club is open to all members of the McMaster community with the goal of creating open dialogue, promoting discussion and providing participants with an opportunity for learning and growth.
  - A community-based project in which researchers at the McMaster Ancient DNA Centre worked with Indigenous communities to [create informational videos](#) to help communities decide whether to use DNA identification at residential school burial sites.
  - A performance of [The Mush Hole: Truth Embodied](#), a production developed by the Kaha:wi Dance Theatre. Three-hundred members of the McMaster community attended this powerful event, which explored the history and ongoing legacy of Canada's residential schools through dance and discussion.
- Efforts at McMaster to advance reconciliation and Indigenous health included:
  - A [celebration for Indigenous Nurses Day with Six Nations Polytechnic](#) and an Indigenous Health Learning Lodge event that [honoured leaders in Indigenous health care and education](#).
  - The creation of a [mural painted by a local Indigenous artist was unveiled at the Institute for Applied Health Sciences building](#). The mural was jointly commissioned by the School of Rehabilitation Science and the Department of Surgery at McMaster to underscore their commitment to Truth and Reconciliation.
  - The [Department of Family Medicine \(DFM\) invested \\$1 million](#) in an endowment to support Indigenous Health priorities defined and overseen by the DFM Indigenous Health Circle in collaboration with the Indigenous Health Learning Lodge.
- McMaster is committed to advancing Truth and Reconciliation on our campus, not just on September 30 but throughout the year. To help advance this goal, a communications standing committee has been formed to ensure that stories featuring the voices of Indigenous staff, faculty and students, events and other programming that promotes Truth and Reconciliation, are regularly highlighted.

## Priority 2: Teaching and learning excellence

**Goal:** Further advance and support innovation in teaching and learning, within and beyond the classroom, and across disciplines and Faculties, to elevate teaching as a professional discipline and equip our students with the knowledge and skills needed to make a transformative impact on our world.



### Leading the way in generative AI

- AI is a powerful emerging tool and universities have an important role to play in how it is used in business and industry in Ontario. We are developing new ways to use and integrate AI in our teaching and learning to prepare our students to be innovators in this critical area.
- \* McMaster has launched an AI Advisory Committee to explore the use of AI across campus. Three subcommittees are examining the use of AI in teaching and learning, research and operational excellence in our work. It is a strategy that makes McMaster one of the few institutions in Canada taking a pan-university approach to integrating AI into our practices.

### Excellence in digital and online learning

- Digital learning presents exciting new opportunities for innovation in teaching and learning spaces. In 2023, McMaster launched its [Digital Learning Strategic Framework](#) to enhance digital learning options and supports across the university and provide a coordinated approach for online tools and technologies. The framework focuses on enabling our educators and learners with the knowledge and confidence to use digital teaching and learning tools effectively, and on sharing best practices to deliver valuable experiences for our learners.
- Projects that exemplify McMaster's commitment to high-quality digital and online learning include:
  - The Online Learning Fellowship Program, which supports faculty members in the design, development and delivery of high-quality online or hybrid courses and helps connect educators with colleagues and units on campus to build capacity in this critical area. This program is enhancing

- flexible learning opportunities for McMaster students while developing the skills and expertise of McMaster instructors in the area of online and hybrid teaching.
- A new suite of app-based biology-themed games that complement what is being taught in the classroom. More than 100 McMaster and George Brown students collaborated to design this game-based STEM learning universe. The project is funded in part by the Government of Canada's Innovative Work-Integrated Learning Initiative and by CEWIL Canada's iHub.
- Providing students, staff and faculty with access to more than 21,000 on-demand instructional courses offered through LinkedIn Learning. Access to this popular online learning platform is helping the McMaster community gain relevant, high-demand business, media and technology skills to prepare them for the workforce or advance their careers.

### Supporting experiential learning

- As the home of problem-based learning, McMaster has long been a Canadian leader in providing hands on educational opportunities for our students. Last year 80 per cent of McMaster students took part in some form of experiential learning.
- In the 2023/24 academic year, McMaster launched [EXPLORE: an Experiential Learning Opportunities Resource](#) for students to connect students at all levels and in all Faculties with experiential learning opportunities. McMaster also created the Experiential Learning Network which includes staff representing co-op, career and experiential learning teams across Faculties; and developed a university-wide experiential learning framework.



### Using AI in teaching and learning

An early adopter of generative AI and machine learning, Assistant Professor in Engineering **Ryan Ahmed**, is integrating the latest technology into the classroom. "I'm encouraging my students to be dynamic and responsive in a world where technology is rapidly developing and changing," says Ryan. "As an engineer, you have to be ready for the next big breakthrough in tech. Innovation and education are the McMaster way – the two go hand in hand."



Associate Professor of Medicine, **Matt Sibbald** is building on the Michael G. DeGroot School of Medicine's history of problem-based learning by using generative AI to simulate what it's like to engage with a patient. Generative AI is where "tradition meets innovation," says Sibbald. Self-directed learning and group work are two cornerstones of teaching and learning at McMaster, "and generative AI has the potential to enhance both."



- Graduate engineering programs saw a 257 per cent increase over the previous year in the number of students participating in co-op.
- Engineering Co-op and Career Services achieved record-breaking numbers for co-op work experiences at the undergraduate level, with 81 per cent of Engineering and Computer Science graduates.
- McMaster Engineering boasts the second-largest engineering co-op program in Ontario.

### New and innovative programs that support experiential learning

- In partnership with Mohawk College, Hamilton Health Sciences and St. Joseph's Healthcare Hamilton, McMaster announced the opening of the [Centre for Integrated and Advanced Medical Imaging \(CIAMI\)](#). This new facility for educational training, imaging research and magnetic resonance imaging (MRI) promises to cut wait times and improve patient experience. The Ontario Ministry of Health provided \$5 million in funding over three years to support the creation, development, and testing of the CIAMI model.
- The Faculty of Humanities has significantly expanded resources related to experiential learning, including an Experiential Education Community of Practice, resources for assessment and reflection, guidance on funding opportunities, and a consultation service to provide instructors with customized support related to existing or new experiential learning opportunities.
- Expanded international learning opportunities for students include the launch of a law student exchange minor with the University of Birmingham (UK) and a student exchange agreement with a consortium of Latin American universities.
- The launch of the Office of Undergraduate Research in the Faculty of Science, the first of its kind at McMaster, promotes excellence in undergraduate student and faculty-led, collaborative research and scholarship in all scientific disciplines. The Office is focused on providing early and equitable access to research opportunities for second-year students.

### Microcredentials

- Over the past five years, the number of micro-credential offerings across the McMaster campus has risen steadily in response to increased demand for professional development and skills enhancement from non-traditional learners and employers.

Together, Faculties across McMaster and McMaster Continuing Education now offer more than 50 microcredentials in a diversity of areas.

- McMaster is continuing to increase the number and breadth of our microcredential offerings. This year, McMaster received funding from the Ministry of Colleges and Universities and the Ministry of Labour, Training and Skills Development's [Ontario Micro-credentials Challenge Fund](#) to develop microcredentials in the following areas:
  - Leadership in Bioinnovation
  - Digital Decode: Bridging the Digital Marketing Skills Gap in Today's Connected World
  - Generative AI for Knowledge Workers
  - Foundational Competencies and Tools for Equity-Based Co-Creation
  - Nuclear Safety and Technology
- McMaster is also developing a website to make it easier for students to access information about the range of microcredentials available.

### Developing the next generation of leaders

- The world is changing in profound ways no one predicted, and leaders from all disciplines are needed to navigate the complex challenges facing the Canada today and into the future. McMaster is providing students with opportunities to develop critical leadership skills through real-world experiences, preparing them to take on the challenges of the society and the workforce.
- **Innovative leadership programs at McMaster:**
  - McMaster is educating the next generation of leaders in the health care sector. In 2024, the DeGroote School of Medicine graduated 203 future physicians from its internationally acclaimed Undergraduate Medical Education Program. McMaster's School of Nursing graduated 540



### Wilson College of Leadership and Civic Engagement

- [Wilson College of Leadership and Civic Engagement](#) was made possible by a \$50-million gift from **Lynton "Red" Wilson**, which was announced in 2022.
- The College is focused on educating the next generation of leaders who can anticipate challenges and work across the public, private and non-profit sectors to build a positive, prosperous future for Canada and the world.
- The College is home to Canada's only combined Bachelor of Arts degree and minor in Leadership and Civic Studies.
- In the past year, significant progress has been made on the development of the College including the hiring of an academic director, the establishment of an external advisory committee, and curriculum and program development.
- The College welcomes its first cohort of students in the fall of 2025.

students from its Bachelor of Science in Nursing program, which is ranked 33rd in the 2024 QS World University Ranking.

- The Indigenous Studies Department launched its [master of arts in Indigenous Studies](#). The new program will provide students with an immersive, multidisciplinary experience that centres Indigenous Studies research methodologies and creation, theory, ways of knowing and community engagement. Focusing on regeneration and resurgence-based programming, students will be trained to be leaders in Indigenous-led, community-based research, knowledge creation and public policy.
- McMaster has launched the [Bachelor of Health Sciences \(Honours\) Integrated Rehabilitation and Humanities program](#), a collaboration between McMaster's Faculty of Health Sciences and the Faculty of Humanities. The program is the first of its kind in Canada and globally, and involves a blend of coursework that reflects the complex nature of health and well-being while considering what it means to be human at its most fundamental level.
- The newly launched [Collaborative Health Governance](#) program provides leaders in the health care sector with the opportunity to learn from national governance and healthcare leaders to understand the new world of governance in the healthcare sector, and make a positive and immediate impact in the boardroom.
- Over the past year, students in McMaster Executive MBA program have collaborated with the executive teams at Metrolinx, Telus Health and Canada Soccer Association to complete an integrative capstone project as part of their curriculum.

### Training the workforce of tomorrow

- Starting in Fall 2024, Faculty of Humanities will launch their [Humanities Skills for Life certificate](#), a mandatory 18-unit certificate that incorporates courses in key foundational skills including, digital literacy, career development, leadership, critical thinking, career development, problem solving, and intercultural understanding. The certificate is designed to articulate and practice the career-relevant skills they learn in the classroom.
- The inaugural cohort of co-op students in Economics, Political Science and Work and Labour Studies began their program options in fall 2023. These students participate in three, four-month, full-time, paid work terms related to their studies or career aspirations. Students in these program options benefit from one-on-one support from co-op staff and a mandatory job search course designed to position them for success during the job seeking and application process.
- The Neuroscience of Leadership and Teams Lab, hosted by the DeGroote School of Business, is designed to have the "look and feel" of business settings, while permitting the use of leading-edge neurophysiological technologies. The Lab works closely with the DeGroote Leadership Hub, a directive designed to enhance leadership development opportunities for the DeGroote, McMaster, and wider communities. Activities include a four-year leadership development journey that all DeGroote undergraduate students engage in through the Bachelor of Commerce and Integrated Business and Humanities course series. To date, more than 3,000 DeGroote undergraduate students have engaged with these programs.

- McMaster received a \$2.5 million SSHRC Partnership Grant to establish community-campus hubs to connect students in social sciences and humanities with community organizations to develop career-relevant skills for working in the social sector and encourage social innovation.

### Supporting academic success for all

- The recommendations from McMaster's Graduate Funding Task Force will better support the success of graduate students. Recommendations include a shorter, four-year completion period for those in PhD programs – enabling students to move into the next phase of their careers more quickly – and removing limits for graduate students seeking off-campus employment, giving them more options to support themselves financially.
- In Fall 2023, the Faculty of Engineering welcomed a cohort of Engineering 1 students that included 43 per cent women. This is the closest the Faculty has come to achieving gender parity in its 65-year history.
- Accessibility Services worked with the Regional Assessment Resource Centre at Queen's University to pilot online modules designed for students with disabilities transitioning into the post-secondary learning environment. The course occurred throughout August and was supplemented by synchronous workshops on academic skills, note-taking, assistive technology and a guest lecture. 265 students with disabilities enrolled in the course.
- Over the past year the MacPherson Institute has provided resources and workshops to enhance accessibility practices in course design and delivery. Over 100 educators have participated in activities,

which include, a five-part workshop series on Universal Design for Learning, accessible document creation workshops, assessment workshops focused on accessibility, and customized workshops on the topic of Universal Design for learning.

- Student Accessibility Services (SAS) has reduced wait times to less than a week during the peak time of the academic year, and the average wait time is one to three days for students to receive an intake appointment with SAS. As well, the Tim Nolan Testing Centre facilitated 25,320 test, midterm and exam bookings, a 25 per cent increase compared to last year.

### Celebrating student success

- McMaster students are the recipients of some of Canada's most prestigious honours and awards – a testament to the outstanding quality of the teaching and learning experience across the institution. Awards include:
  - Seven McMaster students across a diverse range of Faculties were named 2023 Vanier Canada Graduate Scholars
  - Three students from the Faculties of Social Sciences, Science and Health Sciences were awarded 2023 Banting Postdoctoral Fellowships
  - Two PhD students from the Faculties of Science and Health Sciences were recipients of the Governor General's Academic Medal
  - A McMaster Health Sciences student was named a McCall MacBain Scholar
  - A first-year student in McMaster's Faculty of Health Sciences was named a 2024 Cansbridge Fellow

**Graduation rate - 2020/21 to 2023/24**

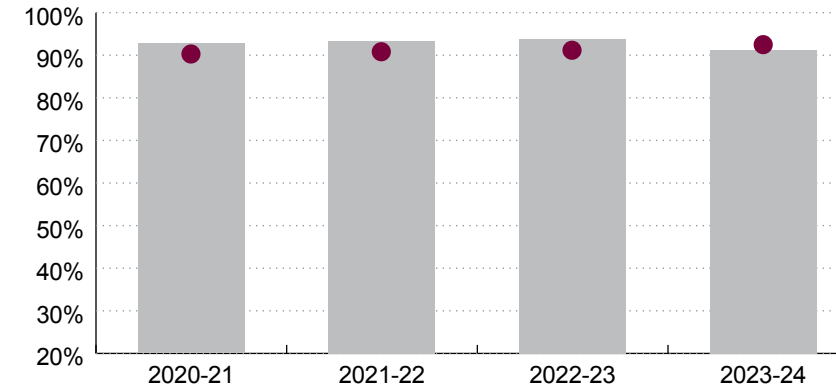


Note 1: Data sourced from University Statistical Enrolment Report (USER) – Enrolment and Degrees Awarded data collections.

Note 2: Proportion of all new, full-time, year one university students of undergraduate (bachelor or first professional degree) programs who commenced their study in a given fall term and graduated from the same institution within seven years (e.g., 2023-24 data represents the percentage of 2016 entering cohort graduated as of 2023 calendar year).

■ McMaster ● Performance Target

**Graduate employment rate in a related field - 2020/21 to 2023/24**

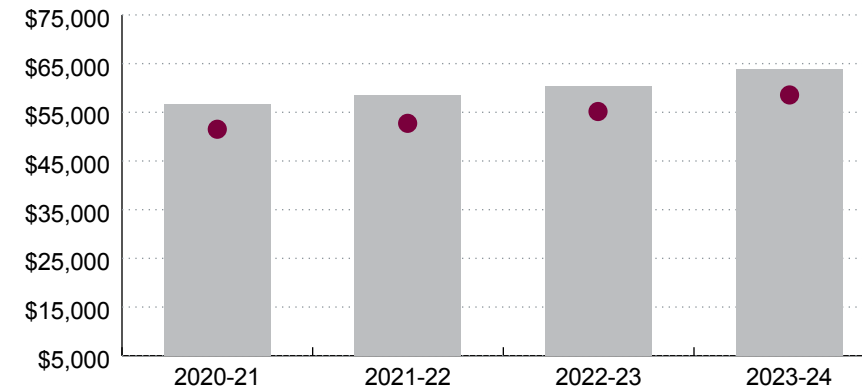


Note 1: Data sourced from Ministry of Colleges and Universities Ontario University Graduate Survey (OUGS).

Note 2: Proportion of graduates of undergraduate (bachelor or first professional degree) programs employed full-time who consider their jobs either "closely" or "somewhat" related to the skills they developed in their university program, two years after graduation. (e.g., 2023-24 data represents employment rate of 2021 graduates in 2023 calendar year)

■ McMaster ● Performance Target

**Graduate employment earnings - 2021/22 to 2023/24**

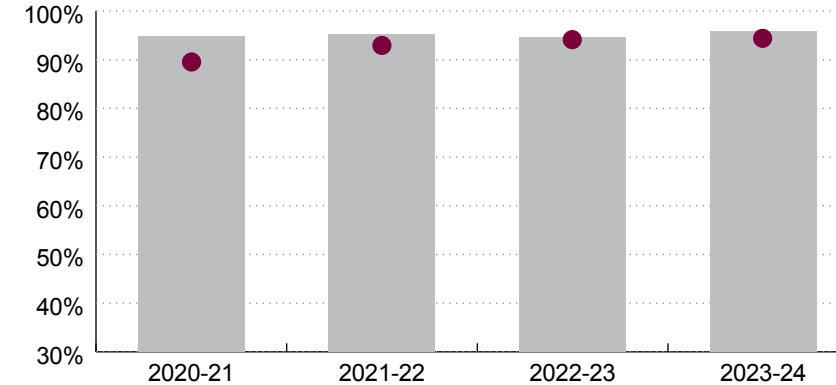


Note 1: Data sourced from Education and Labour Market Longitudinal Platform (ELMLP), Statistics Canada.

Note 2: Median employment earnings of university graduates, two years after graduation (e.g., 2023-24 data represents earnings of 2021 graduates in 2023 calendar year).

■ McMaster ● Performance Target

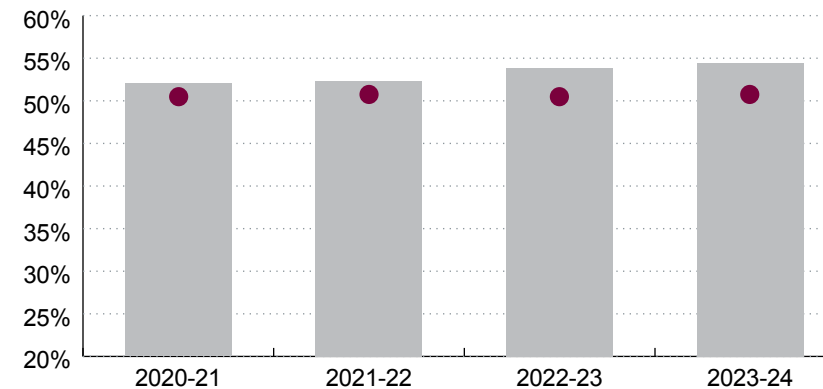
**Experiential learning - 2021/22 to 2023/24**



Note 1: Number and proportion of graduates in undergraduate programs who participated in at least one course with required Experiential Learning (EL) component(s).

■ McMaster ● Performance Target

**Institutional strength/focus - 2020/21 to 2023/24**



Note 1: Data sourced from University Statistical Enrolment Report (USER), enrolment data collection.

Note 2: Proportion of enrolment in institution's program area(s) of strength: Professional, Quasi-Professional, and Second-Entry Programs.

■ McMaster ● Performance Target



# Priority 3: Research and scholarship

**Goal:** Be the go-to place for world-class researchers and collaborators who share our values and commitment to working together across disciplines, sectors, and borders to develop knowledge, tackle global issues, and advance human understanding.



McMaster remains among Canada's most research-intensive universities. We are ranked **33rd in the world** for impact, and remain among the top universities in the world in the Times Higher Education's Industry metric.



In 2024 McMaster launched its new five-year Strategic Research Plan, Transforming our region, impacting our world, which is designed to advance the university's research strengths and maximize our impact – locally and globally. Building on decades of research excellence, it will accelerate the McMaster's research community's efforts to drive solutions that address complex global challenges.

## McMaster research by the numbers

- McMaster's research income totalled over \$369 million in 2023, with funding from the tri-agencies totalling over \$99M million and government investments through the Canada Foundation for Innovation, the Canada Research Chairs program, Health Canada and other federal funding totalling \$83.7 million
- McMaster received the following amounts in agency funding:
  - \$63,256,000 – Canadian Institutes of Health Research (CIHR)
  - \$28,019,000 – Natural Sciences and Engineering Research Council (NSERC)
  - \$8,651,000 – Social Sciences and Humanities Research Council (SSHRC)
  - \$18,904,000 – Canadian Foundation for Innovation (CFI)
- In the 2023 Research Infosource rankings, McMaster placed second for faculty research intensity, third for graduate student research intensity, and ninth for Research University of the Year among medical/doctoral schools.
- Over the past five years, McMaster has attracted over \$522 million in investments from the private sector, earning the second-highest spot for corporate research income (Research Infosource 2023).
- Sixteen McMaster researchers were featured on the Clarivate Analytics 2023 list of highly cited researchers. Those included in the list represent the top one per cent of citations in a given publication year.

## Keeping Canadians healthy

- Research led by McMaster, BC Cancer, Hamilton Health Sciences, and the University of British Columbia found that some women with early-stage, low-risk breast cancer may not need radiotherapy after breast conserving surgery.
- McMaster's research related to women and maternal health includes endometriosis testing, working to advance and investigate equity in maternal and perinatal care, addressing pregnancy-related near-miss events and deaths, and a McMaster-led analysis identified high rates of injuries with forceps and vacuum delivery in Canada.
- Researchers led by a McMaster professor and postdoctoral research fellow uncovered a key mechanism for promoting weight loss and maintaining the burning of calories during dieting.
- About \$34 million was awarded to researchers with McMaster's Faculty of Health Sciences

from CIHR. Spring and fall 2023 project grant competitions with about 60 Health Sciences research team projects secured critical funding to advance our understanding of health and medicine and to address critical health issues, including tree nut allergies and the impact of cannabis exposure to babies.

- Researchers were awarded over \$4 million combined from the Juravinski Research Institute to lead research on severe maternal morbidity, child health care and integrated health care models in Hamilton.
- The Canadian Transfusion Trials Group – a national initiative designed to promote collaboration and excellence in transfusion medicine research co-led by a McMaster researcher – received \$2.3 million from Canadian Blood Services. The funding will be used to support the development of a cohesive and diverse transfusion medicine research community across Canada.

## Addressing the growing burden of chronic disease

- Researchers received [federal funding to improve awareness of ways to reduce the risk of dementia](#), as part of the government's Dementia Strategic Fund.
- Researchers with McMaster and a Denmark-based pharmaceutical company made a [groundbreaking discovery of a new cell that remembers allergies](#), McMaster researchers crafted the [first-ever guidelines to help prepare families who plan to build their child's tolerance to common food allergens](#) and a McMaster researcher [developed new guidelines for treating the common skin condition known as eczema](#).
- Researchers from the Faculty of Health Sciences were awarded more than \$14 million from CIHR to advance studies on brain health, metabolic diseases, antimicrobial resistance and more.
- A McMaster surgery professor is leading a [major international, multi-centre trial investigating a potential new treatment regimen for diabetic macular edema](#) using a medication already approved for use in Canada.
- A McMaster study that aims to improve care for Canadians living with a common type of blood cancer received \$4.9 million in support from Pfizer. The EMBRACE study will explore how adult patients with relapsed or refractory multiple myeloma (RRMM) can safely receive treatment and care at home.

## Promoting health and well-being across the lifespan

- [McMaster Child Health Research Day](#), welcomed 130 Health Sciences students, patient families and guests gathered to celebrate innovative research studies and compete for awards. The breadth of research presented included more than 125 studies spanning topics from artificial intelligence applications to basic science, chronic conditions, and mental health interventions, among others. The array of child-centred health research was unprecedented for the region.
- The Enhancing Mobility and Participation for Older Adult Wellness through Digital Inclusion (EMPOWRD) program, is improving mobility/wellness among older Canadians through effective design to bridge digital divides along the dimensions of access, use and embracement.

- A \$2.4-million grant from Health Canada will support a research project focused on [creating education tools on palliative care](#) that can be used by the public and by clinicians to improve palliative care across the country.
- McMaster and the University of Liverpool have [partnered to advance research and innovation at both institutions](#). As part of the partnership, the two research-intensive universities have launched a \$500,000 seed fund that will support collaborations in areas of complementary research strength, including health research across the life stages and research and development in port design and sustainability.

## Transformative innovations and technologies

- Researchers at McMaster and St. Joseph's Healthcare Hamilton have produced a [simple rapid test that can detect a key driver of severe asthma](#). This new rapid test helps clinicians make decisions about using drugs such as steroids or new biologics for patients with severe asthma and other lung diseases, such as severe cough and COPD, and help to limit the unnecessary use of antibiotics
- McMaster researchers have created a [new packaging tray that can signal when salmonella or other dangerous pathogens are present in packages of raw or cooked food such as chicken](#). The new technology will enable producers, retailers and consumers to tell in real time whether the contents of a sealed food package are contaminated without having to open it, preventing exposure to contamination while simplifying cumbersome and expensive lab-based detection processes.
- A team of McMaster researchers is taking a leading role in a Canadian [initiative aimed at making cultured meat more affordable and accessible to everyday consumers](#). The project is supported by a \$10-million investment from Genome Canada through Ontario Genomics and will bring together experts from multiple postsecondary institutions across the country, including seven researchers from McMaster.
- [A ground-breaking study](#) received national and international attention for revealing that changing the sound of hospital medical devices could help improve patient outcomes.



## Ali Emadi's green transportation

McMaster researcher **Ali Emadi** and his multidisciplinary research team are powering a new paradigm in green transportation.

- Emadi leads [CERC@MARC](#) – one of the world's leading academic research and training programs in transportation electrification and smart mobility. The program is pioneering sustainable energy-efficient solutions, many of which have been brought to market by Emadi's start-up company, [Enedym](#).
- Headquartered at McMaster Innovation Park and co-founded by Emadi, Enedym has ownership of more than 50 patents, pending patent applications and related inventions developed by Emadi and his research group. With a focus on switched reluctance motor (SRM) technologies, the company supplies sustainable, lower cost electric motor and propulsion solutions to a wide range of industries.

[Watch video](#) ▶

## Maintaining and restoring a healthy environment

- Eight McMaster researchers have been awarded [a combined \\$3.2 million from the Government of Canada's New Frontiers in Research Fund](#) to advance research across a number of disciplines, including climate change adaptation and mitigation.
- A new global centre focused on climate change promises to address complex water crises that span international boundaries and jurisdictions. Co-led by McMaster, the centre [received \\$3.75 million in funding from the National Science Foundation Global Centres](#) to lead research focused on understanding and mitigating water crises in transboundary jurisdictions – areas that encompass or intersect multiple sovereign nations, including those of Indigenous Peoples.
- The Faculty of Engineering's Climate Adaptation and Resilience Strategies team [received \\$1.5 million from the New Frontiers in Research Fund](#) to explore the challenges faced by climate migrants and host communities in key urban areas. The team is focused on the socio-economic vulnerabilities among urban migrants in the Lake Victoria Basin and Great Lakes Region. The investigators will study the threats and opportunities in the Lake Victoria region and apply the findings to plan for climate-induced migration in the Laurentian Great Lakes.

## Civil society, cultures and sustainable prosperity

- McMaster's HOPE Chair in Peace and Health in the Global Peace and Social Justice program, has [received more than \\$1.7 million from the Nova Scotia Department of Environment and Climate Change](#) to work with African Nova Scotian communities to address issues related to climate change and climate justice. The three-year African Nova Scotian Climate Justice Ambassadors Program aims to train members in 25 African Nova Scotian communities in climate resilience, justice and advocacy.
- The Future of Canada Project concluded its three-year, \$5-million pilot having supported 14 interdisciplinary research initiatives, seven Future Fellows and a three-day forum, [Imagining 2080](#), attended by 150 leaders from across Canada, including academics, futurists, non-profit leaders, policy makers and students. Advised by a council of prominent Canadian leaders, the Project's activities focused on five key themes: climate change, rapid technological advancement, pandemic, challenges of reconciliation, and the erosion of truth and trust.



## Using AI to fight superbugs

Antibiotic resistance research at McMaster made headlines around the world and was named one of the year's most important scientific and technological advances by *The New York Times*.

In collaboration with researchers from Massachusetts Institute of Technology, McMaster researchers, led by **Jonathan Stokes**, professor of biochemistry and biomedical sciences, used artificial intelligence to discover a new antibiotic which could be used to fight a deadly, drug-resistant pathogen that strikes vulnerable hospital patients.

Researchers screened more than 6,500 antibacterial molecules, finding nine potential antibiotics and were then able to identify the new antibiotic compound. The screening process only took an hour and half, compared to the thousands of research hours this discovery would have taken using conventional methods.

[Watch Video](#) ▶

## Global Nexus

Global Nexus is a partnership-focused health innovation accelerator based in McMaster's Faculty of Health Sciences. It facilitates seamless collaboration between academic and non-academic partners in sectors including government, public health, industry, and communities. Together with these partners, Global Nexus is co-developing transformative health solutions that have broad social impact.

### • Transformative infectious disease research:

- Researchers have discovered a new way to protect against infections like COVID-19 using synthetic aptamers. These aptamers are made up of genetic material that can be designed to stick to various targets, much like antibodies.
- McMaster's inhaled COVID-19 vaccine developed by Global Nexus researchers is moving to Phase 2 clinical trials.
- The Canadian Pandemic Preparedness Hub, co-led by McMaster and the University of Ottawa, received more than \$115 million in research and infrastructure funding to modernize and future-proof biomanufacturing facilities at McMaster and the Ottawa Hospital, where researchers are developing a range of biological products suitable for use in clinical trials, including vaccines, antibodies and cell-based therapies.
- The McMaster-led COVID CommUNITY South Asian research program found that grassroots advocacy and partnerships with local community groups drove an increase in vaccine confidence and access in South Asian communities, some of the worst affected communities in the early days of the pandemic.

- McMaster researchers have received \$750,000 from the Canadian Institutes of Health Research (CIHR) for a multi-year study into the connection between respiratory infections and brain aging.
- Global Nexus researchers shared their expertise and kept Canadians informed about a range of serious public health threats through OpEds and other media stories including:
  - An ounce of prevention: Now is the time to take action in H5N1 avian flu, because the stakes are enormous
  - West Nile and Lyme Disease: Here's what you need to know
  - Protecting older adults amid rising COVID-19 hospitalization rates
  - What you need to know about Salmonella
  - Understanding E.coli: Symptoms, treatments and prevention
- Global Nexus hosted the Future of Vaccinology Symposium, which focused on the future of vaccine design, manufacturing and access.
- Pfizer Canada invested \$500,000 in McMaster projects aimed training emerging scholars from equity-deserving groups in the field of vaccinology and included conducting vaccine research focused on populations who are especially vulnerable to infectious diseases.
- A new agreement between McMaster and the National Research Council of Canada (NRC) will enable collaboration on evidence-based solutions to infectious diseases. The agreement includes collaboration on research related to infectious disease, antimicrobial resistance, drug discovery, diagnostics, biocompatible materials and other areas.



## Celebrating success: Fusion Pharmaceuticals

Fusion Pharmaceuticals, a cancer therapy and diagnostics company founded by McMaster professor of chemistry and chemical biology, **John Valliant**, was acquired by AstraZeneca for \$2 billion US, making it McMaster's first unicorn.

Under Valliant's leadership, Fusion, which is based at the McMaster Innovation Park, was the first publicly traded spin-out company of the McMaster-based Centre for Probe Development and Commercialization.

## Commercialization and entrepreneurship

McMaster is one of the world's top universities for global and industry impact. We are ranked first in Canada in research commercialization licensing, our founders have created more than 331 startup companies and have raised more than \$550 million in venture capital funds.

McMaster's entrepreneurial ecosystem thrives on world-class research programs and a problem-based learning culture that allows our entrepreneurs to focus on finding impactful solutions for people and the planet.

- In 2023, the McMaster Industry Liaison Office recorded 87 invention disclosures and 17 patents issued.
- McMaster has established the Entrepreneurship Academy – a new initiative designed to enhance McMaster's unique entrepreneurial training, research and translation pipeline. Key initiatives include:
  - The Professor Entrepreneurship Fellowship which releases full-time faculty who have started companies that involve McMaster intellectual property from teaching one course, or the equivalent, for one year
  - The Innovation Matchmaking program connects research teams from McMaster or affiliated hospitals and provides them with \$75,000 in pre-funding to build investable ventures
  - Mentorship programs that connect entrepreneurs with investors and industry leaders to help them grow their companies
  - Providing access to lab space for start-up companies for a flat rate to help them develop concepts and prototypes
- Three McMaster startup companies received \$256,000 each in the third round of McMaster Seed Fund investments to advance their innovative technologies.
  - HARVEST aims to support decarbonization of the restaurant industry with their fuel-less, carbon-free hot water heating system.
  - A.I. VALI Inc. has developed an AI platform that uses interactive machine learning to document and analyze endoscopy videos in real-time.
  - Esphera SynBio has developed a novel therapeutic technology designed to treat infectious diseases and cancer.
- In a new model of cooperation between a venture capital fund and a public university, McMaster has partnered with Celesta Capital – a deep technology venture capital firm – to support McMaster start-ups and researchers in commercializing their intellectual property and connecting with venture capital hubs in Canada, Silicon Valley, India and beyond. The partnership will also provide access to emerging companies, co-judged pitch competitions, mentorship for entrepreneurs, ecosystem development and advice on intellectual property strategies and invention optimization.
- McMaster's Michael G. DeGroot School of Medicine, Waterloo Regional Campus launched MACcelerate at Communitech, which is aimed at creating an environment in which medical professionals and aspiring practitioners collaborate with engineers and entrepreneurs to redefine the future of healthcare and enhance clinical outcomes.
- The DeGroot School of Business received a SSHRC Partnership Engage Grant focusing on elderpreneurs and established the Centre for Research on Community Oriented Entrepreneurship
- The Marnix E. Heersink School of Biomedical Innovation and Entrepreneurship launched multiple AI initiatives this past year including:
  - The Master of Biomedical Innovation (MBI), launched in September 2023, integrates AI into its curriculum, projects, and electives.
  - AI in Healthcare Rounds includes monthly Zoom sessions discussing the latest AI advancements in healthcare, facilitated by experts.
  - AI Bootcamp: The Essentials is a three-session bootcamp offering hands-on experience with ChatGPT and AI tools.

- The Heersink Signature Scholarship pairs Faculty of Health Sciences trainees with biomedical expertise with Faculty of Engineering trainees with AI expertise. Five pairs have been awarded scholarships to rapidly integrate AI into biomedical research and healthcare.
- The Faculties of Science and Engineering are collaborating to expand and strengthen efforts to increase research revenue through a pilot program that includes the creation of new positions to help support research groups, faculty commercialization of research, and student innovation. [STEM Innovation Agenda \(mcmaster.ca\)](#)
- McMaster has established the Societal Impact Academy. The Academy will host several initiatives aimed at supporting research and knowledge creation, mobilization and exchange activities to shape responsible, ethical impact in society, and celebrate different forms of research impact. Key initiatives include:
  - The Societal Impact Seed Grant which supports meaningful campus-society collaborations across the disciplines.
  - The Society & Impact Luncheon Series which explores how academic researchers and community partners can work together to advance meaningful social change.
  - The Societal Impact Pitch Competition, which calls upon graduate students to showcase how their research can generate positive impact and help create a brighter world, with a \$1,000 grand prize.
  - The Societal Impact Resource Network, which will build networks and communities to bring those who conduct work with societal impact together and determine resource needs and support.

### Realizing McMaster’s nuclear potential

- As Canada’s nuclear university, McMaster is maximizing its world-class nuclear facilities to drive innovations and make contributions to nuclear medicine, clean energy and next-generation materials to secure a healthier and more sustainable world.

- **Partnerships and new programs:**
  - McMaster received **\$6.8 million from the federal government** as part of a national initiative to create a Canadian Medical Isotope Ecosystem – a pan-Canadian network for medical isotope research and innovation. The funding for McMaster will be used to expand reactor staffing and operating hours at the McMaster Nuclear Reactor (MNR), enhancing MNR’s capacity for medical isotope research and production of custom isotopes for clinical trials.
  - McMaster partnered with Canadian Nuclear Laboratories (CNL) to host the first round of the [CNL Nuclear Undergraduate Research Experience Program](#) in Summer 2023. The program offered 12 undergraduates from McMaster the opportunity to conduct nuclear research in cutting-edge facilities, work with leading academic and industry experts, and enter the highly skilled workforce of tomorrow.
  - McMaster and King’s College London [formed a partnership to advance research and training in nuclear medicine](#). The two world-leading nuclear research institutions will work together to produce 94mTc — a radioisotope that can be used in PET scans of tissues and organs to help diagnose cancer and heart disease, among others.
- **Small modular reactor research:**
  - Six McMaster researchers were [awarded a combined \\$3.6 million](#) from the Canadian Nuclear Safety Commission (CNSC), NSERC and Natural Resources Canada (NRCan) to lead research on small modular reactor (SMR) design, deployment and safety.
  - Two McMaster researchers were [awarded \\$1.4 million from NSERC and NRCan](#) over four years to develop an environmentally friendly laser-based waste management solution.
  - McMaster researchers received \$1.2 million from NSERC and NRCan over four years to lead a study focused on evaluating SMR fuel performance and safety. This research will focus on TRISO fuels, which can withstand extreme high temperatures and provide multiple layers of added protection compared to traditional nuclear reactor fuels.



Last year alone, medical isotopes produced in the McMaster Nuclear Reactor were used to treat 70,000 cancer patients world-wide. 2024 marks the 65th anniversary of the construction of the McMaster Nuclear Reactor, which remains the most powerful research reactor in Canada.

[Watch video](#) ▶

### Awards and chairs

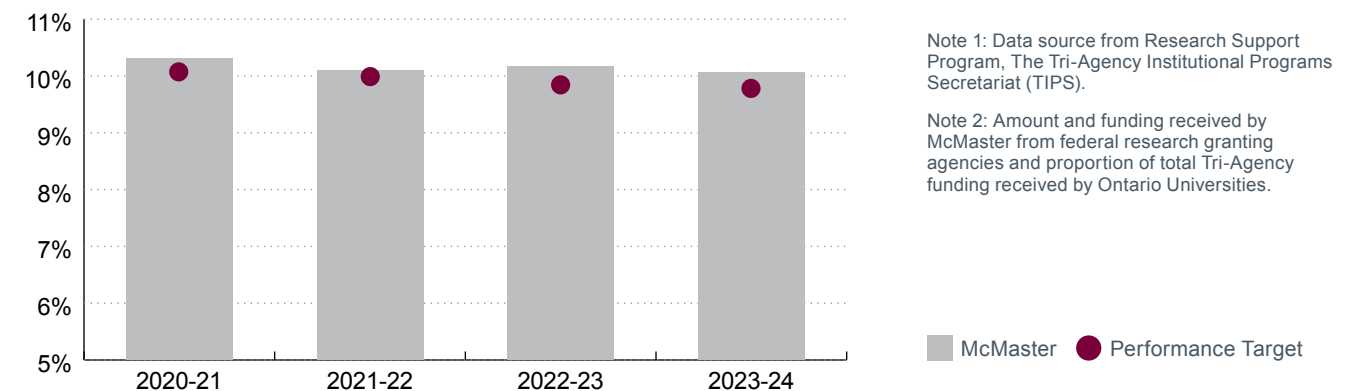
- In 2023-24, seven McMaster researchers were named Canada Research Chairs and five had their chairs renewed. Also in 2023-24, four researchers were elected Fellows of the Royal Society of Canada, four were named to the Canadian Academy of Health Sciences, and four McMaster leaders were appointed to the Order of Canada. Other awards presented to McMaster researchers in 2023-2024 include the 2024 Killam Prize in Health Sciences, the Gairdner Early Career Investigator Award, the Canadian Science Publishing Senior Investigator Award, the 2023 Polanyi Prize in Physics and the 2024 Henry G. Friesen International Prize in Health Research.
- The Faculty of Engineering recruited a [world-renowned biosensing expert as the Canada Excellence Research Chair \(CERC\)](#) in Nano-Optical Biosensing and Molecular Diagnostics. The \$8 million award will support a multidisciplinary research team at McMaster focused on developing breakthrough biosensing and bioimaging methods with applications in clinical diagnostics, environmental protection and food safety.
- Allan Downey, an associate professor jointly appointed between the departments of History and

Indigenous Studies was named a Canada Research Chair in Indigenous History, Self-Determination and Nationhood. Downey was also named a University Scholar.

### Enabling research

- McMaster recognizes the value of international research collaborations in advancing our individual and collective research discoveries, and is [committed to ensuring McMaster’s research remains secure and competitive](#) on the global stage.
- The Digital Research Commons Pilot is a multi-year project to create a more connected and user-focused approach to digital research support. The goal of the pilot is to improve access to systems, services, software, and training for researchers across the institution.
- McMaster’s first Research Data Management (RDM) Institutional Strategy was launched in 2023, and was created through the contributions, writing, input, and feedback from hundreds of members of the McMaster research community. The result is a guiding framework and a growing suite of related services that will support all McMaster researchers in planning for and managing their research data.

Research funding and capacity: Federal Tri-Agency funding secured – 2020/21 to 2023/24



## Priority 4: Engaging Local, national, indigenous and global communities

**Goal:** Further develop and expand our network of longstanding and respectful partnerships with communities, partners, research collaborators, and supporters, locally, nationally and globally for the benefit of all.

### Celebrating the solar eclipse

To mark the total solar eclipse, McMaster welcomed 5,500 members of the campus and local communities to a viewing party that took place at Ron Joyce Stadium.

In addition, students and experts in the Department of Physics and Astronomy provided free educational programming to the Hamilton-Wentworth Catholic School Board, the Grand Erie School Board, Hamilton-Wentworth District School Board, Halton District School Board, Halton District Catholic School Board, Six Nations District Schools and various other community partners including the Bruce Trail Conservancy, the Bay Area Science and Engineering Fair, Royal Botanical Gardens, Tourism Hamilton and the Hamilton Amateur Astronomers group.

[Watch video ▶](#)

### Engaging local and national communities

- A new interdisciplinary minor in Civic Vitality, Democracy and Elections Management (CIVDEM) was established in partnership with the Department of Political Science. The minor equips students to strengthen democratic resiliency and electoral integrity, and empowers underrepresented groups to participate in the political and electoral process. Students gain the foundations of knowledge, focused expertise, and research competencies in the areas of civic vitality, democracy and elections that are local, national and global in scope.
- A national dialogue series is underway to formalize and strengthen the pan-Canadian health evidence-support system. The project is organized by the Global Commission on Evidence to Address Societal Challenges (hosted at the McMaster Health Forum), CIHR and in collaboration with Health Canada, the Public Health Agency of Canada, Canada's Drug Agency the Canadian Institute for Health Information the National Alliance of Provincial Health Research Organizations, Fonds de recherche du Québec and Health Research BC.
- Brenda Vrkljan, a professor in the School of Rehabilitation Science, is leading a study that connects older adult drivers with McMaster Engineering students, staff and faculty at the [McMaster Automotive Resource Centre \(MARC\)](#). The study is intended to facilitate meaningful

knowledge transfer that will lead to safer and more accessible automotive design. The event, Mobility Matters, hosted more than 70 older adults at MARC in April to learn more about electrification in the automotive industry and to share key insights on accessibility challenges they face on the road. Students from the [McMaster EcoCAR team](#) based at MARC who are competing in a multi-year competition to engineer the next-generation of battery electric vehicles, led presentations and discussion groups with attendees.

- The Linguistics and Languages department, [partnered with the Hamilton Public Library to connect older adults with digital storytelling platforms and training](#) in a project called Writing Through Time.
- The DeGroote School of Business is contributing to a recently announced Public Health Agency of Canada project that will use equity-centred design thinking to create and implement evidence-based parenting resources for diverse groups of caregivers.
- The [McMaster Digital Transformation Research Centre](#) secured a partnership with the Innovation Factory and the National Research Council to support its Hamilton Ecosystem to Accelerate & Leverage Trials of Health Innovation Program, which helps Age-Tech startups develop their technologies through advanced user-experience testing and insights.

## Improving access to mental health services for black youth in Hamilton



**Ingrid Waldron**, the Faculty of Humanities' HOPE Chair in Peace and Health, in collaboration with researchers and community partners including, Empowerment Squared, the Medavie Health Foundation, the Balsam Foundation, the Echo Foundation, worked with Black communities in Hamilton to develop a vision for addressing gaps in mental health policy, programs and services aimed at Black youth.

As well, Waldron, working with colleagues in the Faculty of Engineering including Zobia Jawed as well as community partners, has created workshops for marginalized communities in the GTHA for developing climate resiliency and an awareness of climate justice principles.

## Engaging indigenous communities

- McMaster has established the position of Vice-Provost, Indigenous. The introduction of this role will play an important part in advancing McMaster's commitment to Truth and Reconciliation. This position will be informed by the Indigenous community at McMaster, and includes responsibility for implementing and maintaining a university Indigenous education and research plan, and providing vision and leadership for decolonization while furthering the Indigenization of the university.
- This year, McMaster introduced the Walls to Bridges Program, part of a Canada-wide program that moves university classes into prisons where incarcerated and non-incarcerated students can earn university credits while taking courses together. McMaster's program is led by Savage Bear, the Director of the McMaster Indigenous Research Institute. So far, the Indigenous Studies Department has brought two courses to the Grand Valley Institution for Women (GVI) in Kitchener, providing a transformative learning experience for residents at GVI and the McMaster undergraduate students learning alongside them.
- The annual John Douglas Talor Conference, "Acknowledgement: Land, Relations, and Responsibilities," explored Indigenous land history in southern Ontario and the importance of Haudenosaunee wampum agreements. The conference included a display of three historically significant wampum belts: the Dish With One Spoon wampum belt, the Two Row belt, and the Pledge of the Crown belt.
- The Indigenous Language Revitalization Program, offered in collaboration with the Onkwawenna Kentyokhwa program at Six Nations, will welcome its first cohort in September 2024. The Six Nations program and its connection with McMaster was featured in an article in the *New York Times*.
- McMaster co-hosted the Community Energy Transition Workshop to explore ways of achieving safe, reliable and zero-emission energy in collaboration with residents from northern and remote communities. The workshop was delivered by McMaster staff and researchers with expertise in new and existing nuclear deployments, safety and developing advanced tools for reaction monitoring and inspection. McMaster and its co-host, First Nations Power Authority (FNPA), welcomed 50 attendees from Indigenous communities, government labs and academia across Canada.



As part of its multi-year Indigenization strategy, the Faculty of Science hired a local Indigenous artist to create a mural for the entrance to the Burke Science Building. The installation project was led by three undergraduate students working under the supervision of staff in the Dean's Office.

## Paddling down the Grand River

In 2023, McMaster's Indigenous Studies Department announced a land-based course that takes students in canoes or kayaks over 100 km down the Grand River as they learn about the Indigenous histories and communities along the way. While this marked the first time that McMaster would offer the Two Row Paddle as a credit-bearing course, the Two Row Paddle has taken groups down the Grand River every summer for eight years.

The course incorporates the principles of the Two Row Wampum treaty, the oldest treaty still in existence between the Haudenosaunee and non-Indigenous peoples in North America, and helps students apply their classroom learning to community experiences. The course is the first step in a larger initiative to support land-based learning.

- McMaster University Library is playing an important role in supporting the preservation of Indigenous culture through its archival collections:
  - The Basil H. Johnston Archives have become part of the Canadian Commission for UNESCO Canada Memory of the World Register. Johnston (1929-2015) was an Anishinaabe (Ojibwe) author, linguist, and teacher.
  - Fall 2023 marked the 50th Anniversary of Maria Campbell's work *Halfbreed* about her experiences as a Métis woman in Canada. An unpublished manuscript in the William Ready Division of Archives and Research Collections was key to a new edition published in 2019 with previously omitted sections.
  - In 2023, McMaster acquired the Harvey Feit Archive. Feit, a professor emeritus of anthropology at McMaster, dedicated his life to research and work with Eeyou (James Bay Cree) peoples, and was involved in the negotiation and implementation of the James Bay and Northern Québec Agreement (1975).

## Engaging global communities

- Building on 15 years of partnership, the Faculty of Health Sciences collaborations with institutions in Guyana recently included a memorandum of understanding (MOU) signed in November 2023 with the Doobay Medical Research Centre. The agreement formalizes existing educational, research and humanitarian collaborations between the institutions, and builds on many existing collaborations between McMaster Faculty and Hamilton Hospitals including the St. Joseph's Health System International Outreach Program. Also, McMaster was awarded a \$2.5 million federal government grant that will be used to transform maternal and neonatal care in Guyana.
- As part of McMaster's institutional strategy to develop research and academic partnerships with leading universities globally, McMaster recently signed an MOU with Aga Khan University (AKU). The MOU renews and expands on a 40-year history of cooperation and further aligns McMaster's academic and research strengths with those of AKU in health care, sustainability, climate change, data science, cultural studies and global peace, among other areas of study.



### Hosting an international icon

This year, the Black Student Success Centre (BSSC) hosted **Mme Ellen Johnson Sirleaf**, internationally recognized human rights advocate, Nobel Peace Prize winner and former president of Liberia.

During the visit, Sirleaf met with members of the African-Caribbean Faculty Association of McMaster and students at the BSSC, and spoke about the global impact of the McMaster community.



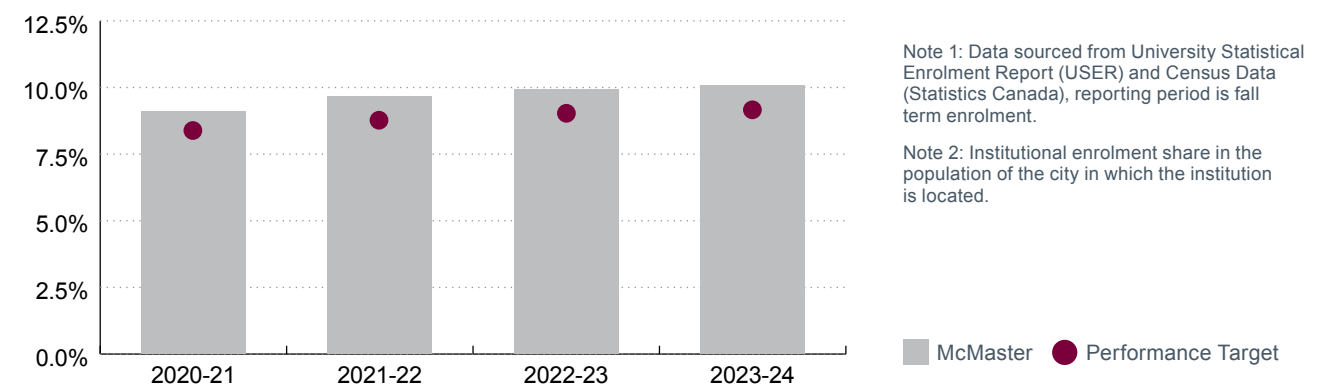
- McMaster has strengthened its growing partnership with the University of Alabama at Birmingham by signing an MOU that sets the stage for further collaboration, including the exploration of joint degrees, research collaborations, global health initiatives and other innovations. The MOU also addresses global health challenges and fosters innovative solutions that can make a meaningful difference in our communities.
- The Department of Family Medicine and Syiah Kuala University in Banda Aceh, Indonesia renewed their Memorandum of Understanding (MOU) for another five years (2023 – 2028). Syiah Kuala University launched its family medicine residency program this August after more than 12 years of planning and development. McMaster has been a key partner in supporting and mentoring the Indonesian university to establish its family medicine curriculum and training, and help build the capacity of family medicine worldwide.

- McMaster continues to support scholars at risk through the Scholars at Risk Program. Established in 2022, this program aims to support McMaster faculty, departments, and research centers in employing forcibly displaced researchers and scholars remotely and locally. This includes refugees, those displaced within their country of origin, or those living in conflict-ridden situations and at risk of violence. So far, seven scholars have been supported, including scholars from Ukraine, Afghanistan, and Palestine.
- McMaster is strengthening its academic and research ties with Caribbean post-secondary institutions as the lead Canadian partner in the Canada-Caribbean Institute (CCI). Established in 2020, the CCI's mission is to bring together scholars from across Canada and the Caribbean to collaborate on economic, environmental and social issues that contribute to the shared prosperity of both regions. The CCI supports research on a range of key policy areas including health; climate change; advancing the United Nations' Sustainable Development Goals; trade and investment; Caribbean culture and the diaspora; and government and foreign relations, among other areas.

- McMaster is a partner in the African Youth International Internship Project that will provide support for students and other youth from across Canada to go on internships in Liberia and Ghana. The program, which received \$4.9 million in funding from Global Affairs Canada is aimed at giving Canadian students the opportunity to gain international experience while focusing on gender-empowering educational research and inclusive growth, climate change mitigation, adaptation and environmental research

- The Centre for Advanced Research in Experimental and Applied Linguistics (ARIEAL) has piloted an international visiting researcher program that emphasizes collaboration with PhD candidates and junior academics from locations that are traditionally under-represented in Western academia. This year, out of 40 applications, they welcomed four scholars from Spain, Ghana, Nigeria and Brazil.

Community/local impact of student enrolment – 2020/21 to 2023/24



## Priority 5: Operational excellence

**Goal:** Enable the administrative operations of the university to most effectively support the institutional vision and aspirations of our community of researchers, scholars, teachers and learners.



### Ensuring student housing for the future

- McMaster's 10 Bay Residence opened in September 2023, enabling students in graduate programs to lease an apartment-style housing location in downtown Hamilton. With more than 640 beds, 10 Bay's location allows for flexibility in travelling to McMaster's main campus and satellite locations and provides all-inclusive utilities, Internet, parking and amenities like study and athletic spaces. The residence also features live-in community staff who look to connect students in the spirit of collaboration, friendship and inclusiveness. This building launch is part of a public-private partnership with Knightstone Capital.
- McMaster also broke ground on Lincoln Alexander Hall which is slated to open in Fall 2026. The project, which is the University's 15th and largest residence building, and will provide more than 1,300 beds and allow McMaster to offer a guaranteed residence space to all first-year students.

### Expanding revenue sources

- In support of McMaster's goal to diversify and expand its revenue in support of the academic and research missions, the role of Associate Vice-President, Real Estate and Partnerships, has been established. This role will also oversee the university's critically important ancillary services, including Hospitality Services, the Campus Store, Media Production

Services and Parking Services, bringing together the various revenue generating functions under one portfolio and championing the ongoing focus on operational and service excellence for the campus community.

### Sustainability and decarbonization

- After extensive consultation, the new 2023-2033 Campus Plan was launched and aims to transform campus into a living laboratory that champions sustainability, accessibility, equity, and inclusion. This blueprint seeks not only to enhance the university's physical environment but also to support the exceptional quality of its education and research initiatives.
- McMaster has surpassed its carbon reduction targets for its investment portfolio a full two years ahead of schedule. As outlined in this year's [Annual Financial Report](#), the university has successfully reduced the carbon intensity of its investments by 70 per cent from 2018 levels, surpassing its original goal of 65 per cent by 2025. McMaster has divested from higher-carbon holdings, which has resulted in a reduction in its holdings in the Carbon Underground 200 (CU200) to 1.6 per cent from 2.7 per cent last year.
- The Enterprise Risk Management Program has developed an Enterprise Risk Framework and the Enterprise Risk Management Committee has been working to guide the process.





### Maintaining a balanced budget

- McMaster produced a balanced budget through a close collaboration with the Budget Committee. The university was one of only two Ontario universities to successfully balance its budget this year.
- McMaster's Budget Model review was completed, and the implementation of recommendations is ongoing.

### Improving systems and streamlining operations

- An integrated, service-focused OneHR Operating model to support the university community launched this year. This new model fosters collaboration across HR, driving operational excellence with coordinated partnership, two-way dialogue and integration of services.
- McMaster has significantly bolstered and reinforced its systems and data security infrastructure by implementing new tools, processes, and technologies, such as multi-factor authentication for Microsoft 365 and enhanced network security measures.
- In September 2023, the university unveiled MacHub, a personalized online platform designed to facilitate communication with academic advisors, provide quick access to essential university resources, and address frequently asked questions regarding academic life, such as course enrollment procedures. A collaborative effort between University Technology Services (UTS) and Student Affairs, the Current Student CRM Digital Transformation Project will help realize operational efficiencies and gain valuable insights from data analytics.

- In response to the federal government's temporary reduction of new international student study permits, the Registrar's Office closely monitored government developments and worked with several partners on campus so that they were ready to support the McMaster community and prospective students. In response, the McMaster PAL Tool was created. This tool helps students self-identify if they need a Provincial Attestation Letter (PAL) and guides them through the process of obtaining one. For McMaster administrators, the tool speeds up the process of sharing a PAL and gets students what they need, fast.

### Awards and accolades

- In 2023, McMaster received two top employer awards through Canada's Top Employer Awards program. For the ninth year in a row, the University proudly secured a position on Hamilton-Niagara's Top Employers list and for the sixth consecutive year, McMaster ranked as one of Canada's Best Diversity Employers.
- The Finance 2 Go initiative in the Faculty of Health Sciences won a national prize in the 2023 Canadian Association of University Business Officers Quality and Productivity Awards Program. Finance 2 Go combines process improvements and technology with mobile support, offering a more efficient and effective way to process financial transactions within the Faculty's complex environment, which includes funding and delivering health professional education and working with hospital affiliates.

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# Fact book

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In 2023, McMaster received over 64,400 applications from over 46,000 applicants from Ontario, Canada, and around the world.

# Students

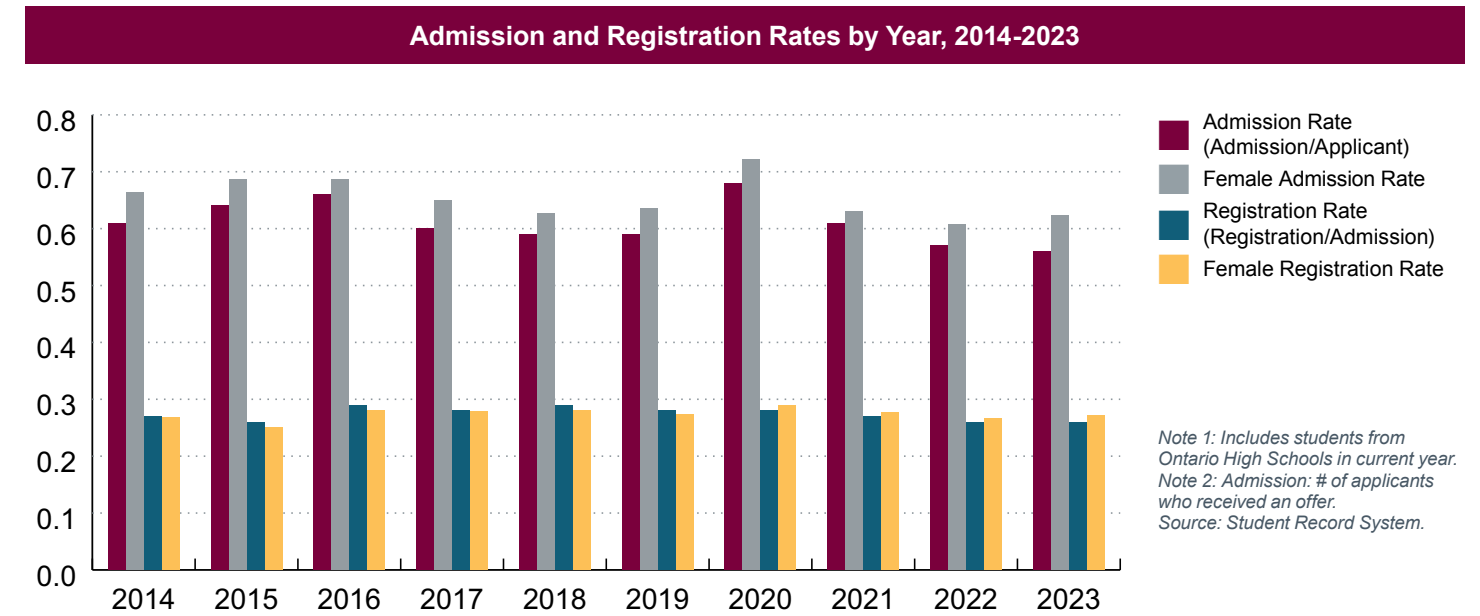
McMaster is a medical doctoral university. It is a comprehensive, research-intensive, public university that has a long-standing commitment to teaching, research and service, while inspiring innovation and discovery.

McMaster has 30,000 students in 6 Faculties and welcomes approximately 5,000 new students each year. For more information on students, please visit: [ira.mcmaster.ca](http://ira.mcmaster.ca)

In 2023, 33,063 undergraduate applicants were received from Ontario high schools.

New Student <sup>1</sup> Applicants From Ontario High Schools, Yield Rates - University Total, 2014-2023							
Year	Applicant	Admission <sup>2</sup>	Confirmation	Registration	Admission Rate (Admission/Applicant)	Confirmation Rate (Confirmation/Admission)	Registration Rate (Registration/Admission)
2014	27,974	17,175	4,845	4,696	0.61	0.28	0.27
2015	27,673	17,629	4,948	4,604	0.64	0.28	0.26
2016	28,078	18,411	5,795	5,407	0.66	0.31	0.29
2017	29,044	17,553	5,289	4,969	0.60	0.30	0.28
2018	30,385	17,810	5,478	5,182	0.59	0.31	0.29
2019	31,404	18,405	5,405	5,108	0.59	0.29	0.28
2020	30,404	20,792	6,168	5,880	0.68	0.30	0.28
2021	33,195	20,079	5,761	5,451	0.61	0.29	0.27
2022	33,726	19,067	5,138	5,026	0.57	0.27	0.26
2023	33,421	18,940	5,145	5,036	0.57	0.27	0.27

Note 1: Includes students from Ontario High Schools in current year.  
 Note 2: Admission: # of applicants who received an offer.  
 Source: Student Record System.



Note 1: Includes students from Ontario High Schools in current year.  
 Note 2: Admission: # of applicants who received an offer.  
 Source: Student Record System.

The percentage of undergraduate students registering with an admission average of 90% and above has risen from 15.7% in 2002 to 65.3% in 2023.

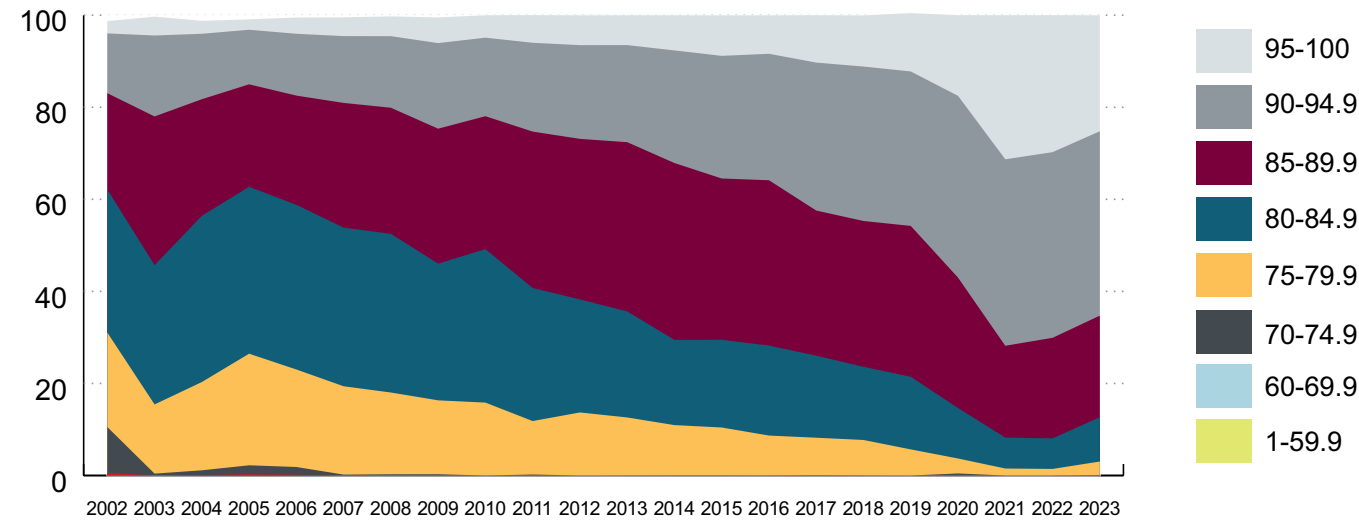
New Undergraduate Student Applications from Ontario High Schools, Choice Distribution – University Total, 2014-2023						
Year		1 <sup>st</sup> Choice	2 <sup>nd</sup> Choice	3 <sup>rd</sup> Choice	4+ Choice	Total
2014	#	7,525	7,568	7,370	13,028	35,491
	%	21.2	21.3	20.8	36.7	100
2015	#	7,274	7,475	7,346	13,202	35,297
	%	20.6	21.2	20.8	37.4	100
2016	#	7,313	7,358	7,378	14,054	36,103
	%	20.3	20.4	20.4	38.9	100
2017	#	7,773	7,570	7,531	15,363	38,237
	%	20.3	19.8	19.7	40.2	100
2018	#	8,072	7,789	7,677	17,875	41,413
	%	19.5	18.8	18.5	43.2	100
2019	#	8,178	7,790	7,926	19,593	43,488
	%	18.8	17.9	18.2	45.1	100
2020	#	8,029	7,588	7,586	19,206	42,409
	%	18.9	17.9	17.9	45.3	100
2021	#	9,394	8,359	8,106	20,467	46,326
	%	20.3	18.0	17.5	44.2	100
2022	#	8,562	7,817	8,016	23,149	47,544
	%	18.0	16.4	16.9	48.7	100
2023	#	8,628	7,769	7,846	23,511	47,754
	%	18.1	16.3	16.4	49.2	100

Note 1: Choice: The selection of a specific program at a specific University, in this case all choices shown are at McMaster.  
 Note 2: Includes students from Ontario High Schools in current year.  
 Note 3: Admission: # of applicants who received an offer.  
 Note 4: Multiple choices or applications can be submitted by individual students.  
 Source: Student Record System.

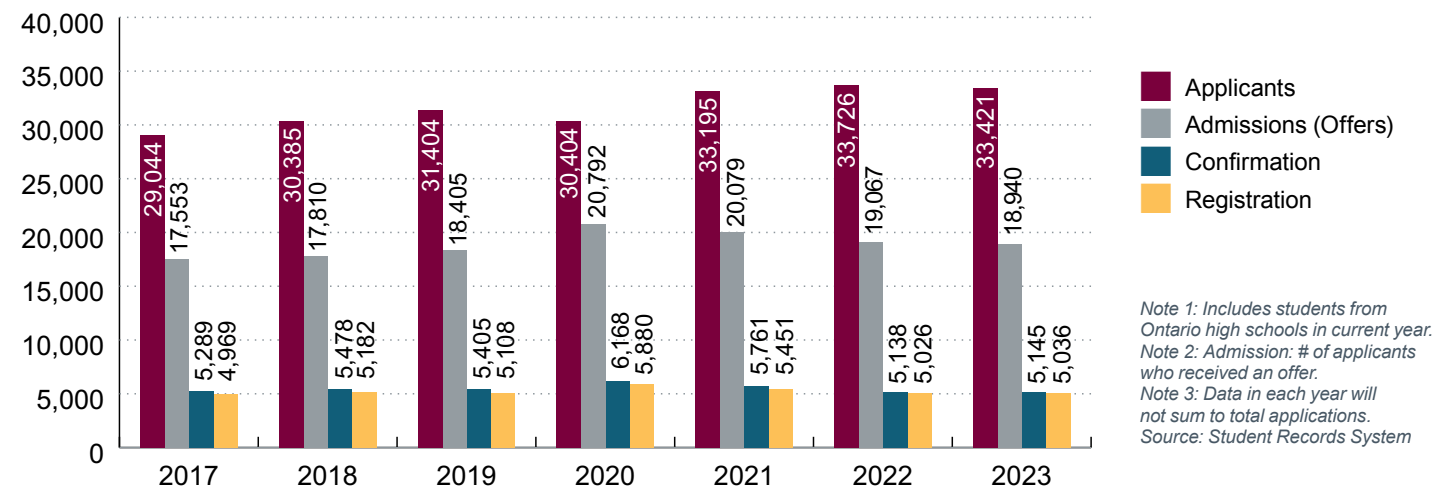
Over the last 5 years, undergraduate headcount enrolment has increased 9.6%.

Fall 2023 headcount consisted of 32,105 undergraduate and 5,487 graduate students, totaling 37,592.

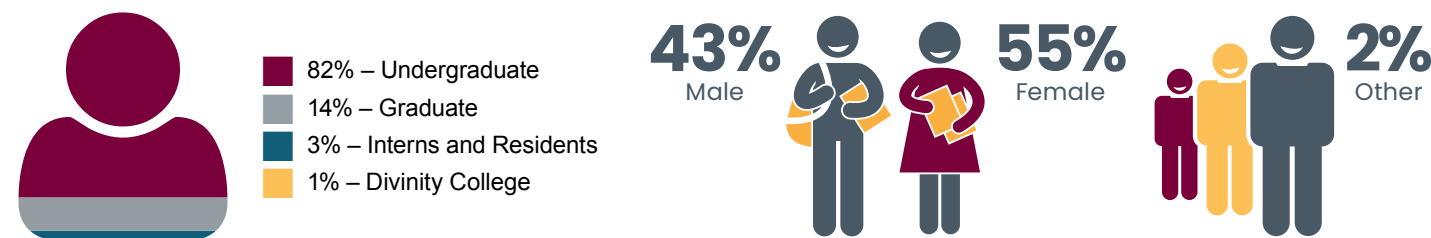
### Grades of Entering Full-Time Undergraduate Students from Ontario High Schools –University Total, 2002-2022



### New Undergraduate Student Applicants from Ontario High Schools - University Total



### Total Undergraduate and Graduate Regular Session Headcount Enrolment, 2023-2024 (n=37,592)



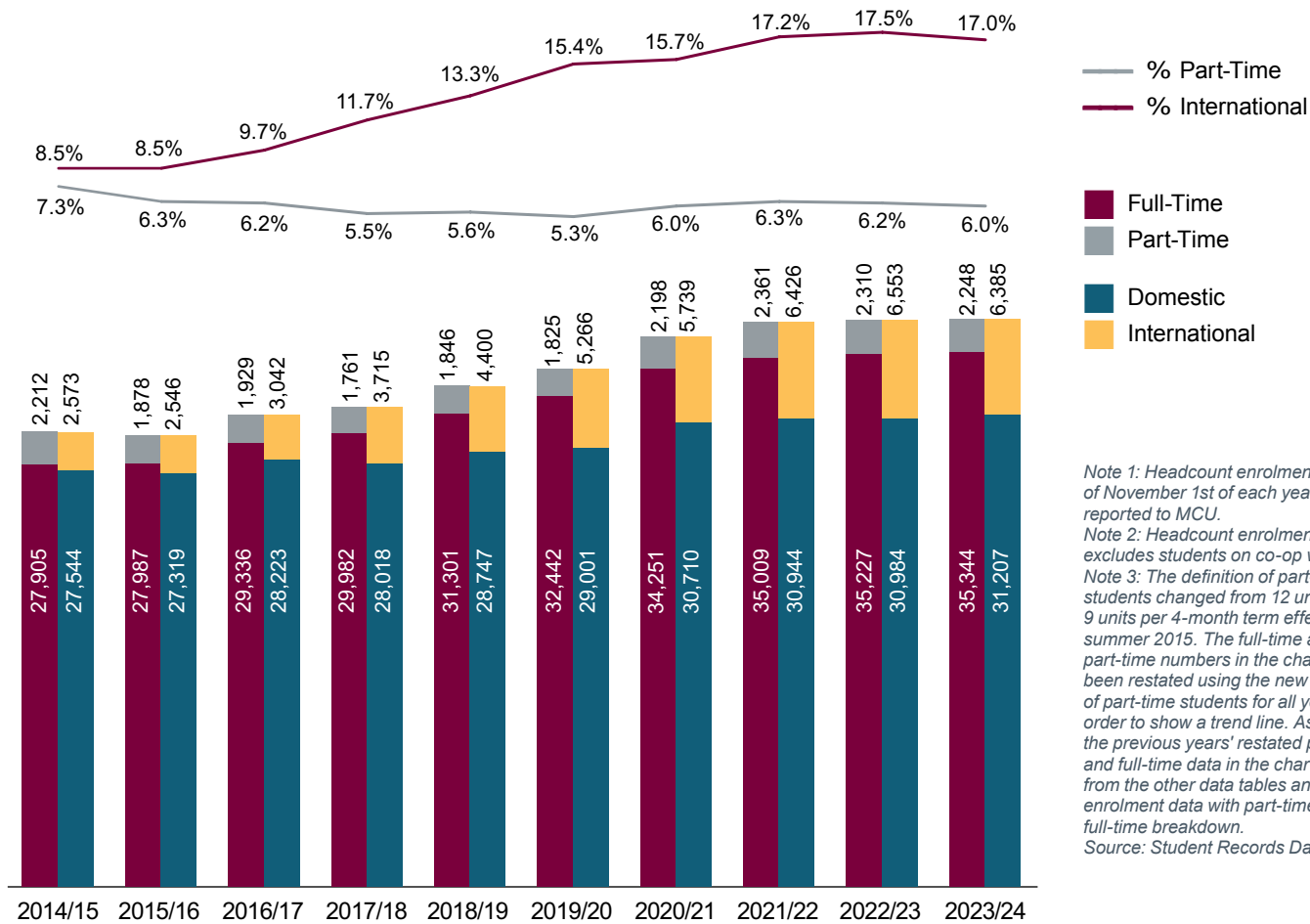
*Note 1: Undergraduate headcount enrolment includes Spring/Summer, Regular session as reported to MCU on each count date. Undergraduate headcount enrolment includes Divinity, Collaborative Nursing, Residents, Midwifery and Medicine.  
 Note 2: Regular session includes fall only.  
 Note 3: New undergraduate includes students who applied directly from Secondary School only.  
 Note 4: University Total includes undergraduate and graduate regular session full-time and part-time headcount enrolment.  
 Note 5: Headcount excludes students on co-op work term.  
 Note 6: Effective Summer 2015, McMaster's definition of a part-time student changed from 12 units to 9 units per four month term.  
 Source: Student Records Database*

### Total Headcount Enrolment and Demographics, 2019-2020 to 2023-2024

Undergraduate <sup>1</sup>	2019-2020		2020-2021		2021-2022		2022-2023		2023-2024	
	Regular Session	Spring/Summer	Regular Session	Spring/Summer	Regular Session	Spring/Summer	Regular Session	Spring/Summer	Regular Session	Spring/Summer
<b>Full-Time</b>	28,209	5,327	30,171	7,987	30,679	8,449	30,792	7,520	30,747	6,848
<b>Part-Time</b>	1,067	7,763	1,362	11,181	1,440	11,910	1,382	9,658	1,358	9,822
<b>% Part-Time</b>	3.6	59.3	4.3	58.3	4.5	58.5	4.3	56.2	4.2	55.6
<b>Domestic</b>	25,414	10,882	26,973	15,571	27,126	16,125	27,197	12,937	27,427	14,626
<b>International</b>	3,862	2,208	4,560	3,594	4,993	4,234	4,977	4,241	4,678	3,044
<b>% International</b>	13.2	16.9	14.5	18.8	15.5	20.8	15.5	24.7	14.6	17.2
<b>Male</b>	12,953	5,696	13,908	7,964	14,024	8,424	13,954	7,445	13,793	7,492
<b>Female</b>	16,035	7,221	17,198	10,931	17,604	11,553	17,669	9,423	17,703	9,797
<b>% Female (Unknown)</b>	54.8	55.2	55.3	57.9	56.3	58.6	54.9	54.9	57.0	57.6
<b>New<sup>3</sup></b>	5,816	7	6,677	11	6,116	5	5,776	7	5,826	2
<b>Continuing/Returning</b>	22,833	12,927	24,180	18,994	25,346	20,192	25,552	16,954	25,525	17,487
<b>% Continuing/Returning</b>	79.7	100.0	78.4	100.0	80.6	100.0	81.6	100.0	81.4	100.0
<b>Live on Campus</b>	3,969						3,308			
<b>Off Campus</b>	25,307						28,810			
<b>% Off Campus</b>	86.4						89.7			
<b>Graduate</b>										
<b>Full-Time</b>										
<b>Part-Time</b>										
<b>% Part-Time</b>										
<b>Domestic</b>										
<b>International</b>										
<b>% International</b>										
<b>Male</b>										
<b>Female</b>										
<b>% Female</b>										
<b>Diploma/Certificate</b>										
<b>Master's</b>										
<b>Doctoral</b>										
<b>% Doctoral</b>										
<b>University Total<sup>4</sup></b>	<b>34,267</b>		<b>36,449</b>		<b>37,370</b>		<b>37,537</b>		<b>37,592</b>	

*Note 1: Undergraduate headcount enrolment includes Spring/Summer, Regular session as reported to MCU on each count date. Undergraduate headcount enrolment includes Divinity, Collaborative Nursing, Residents, Midwifery and Medicine.  
 Note 2: Regular session includes fall only.  
 Note 3: New undergraduate includes students who applied directly from Secondary School only.  
 Note 4: University Total includes undergraduate and graduate regular session full-time and part-time headcount enrolment.  
 Note 5: Headcount excludes students on co-op work term.  
 Note 6: Effective Summer 2015, McMaster's definition of a part-time student changed from 12 units to 9 units per four month term.  
 Source: Student Records Database*

### Total Headcount Enrolment with Percentage of Part-Time Students and International Students, 2014-2024<sup>3</sup>

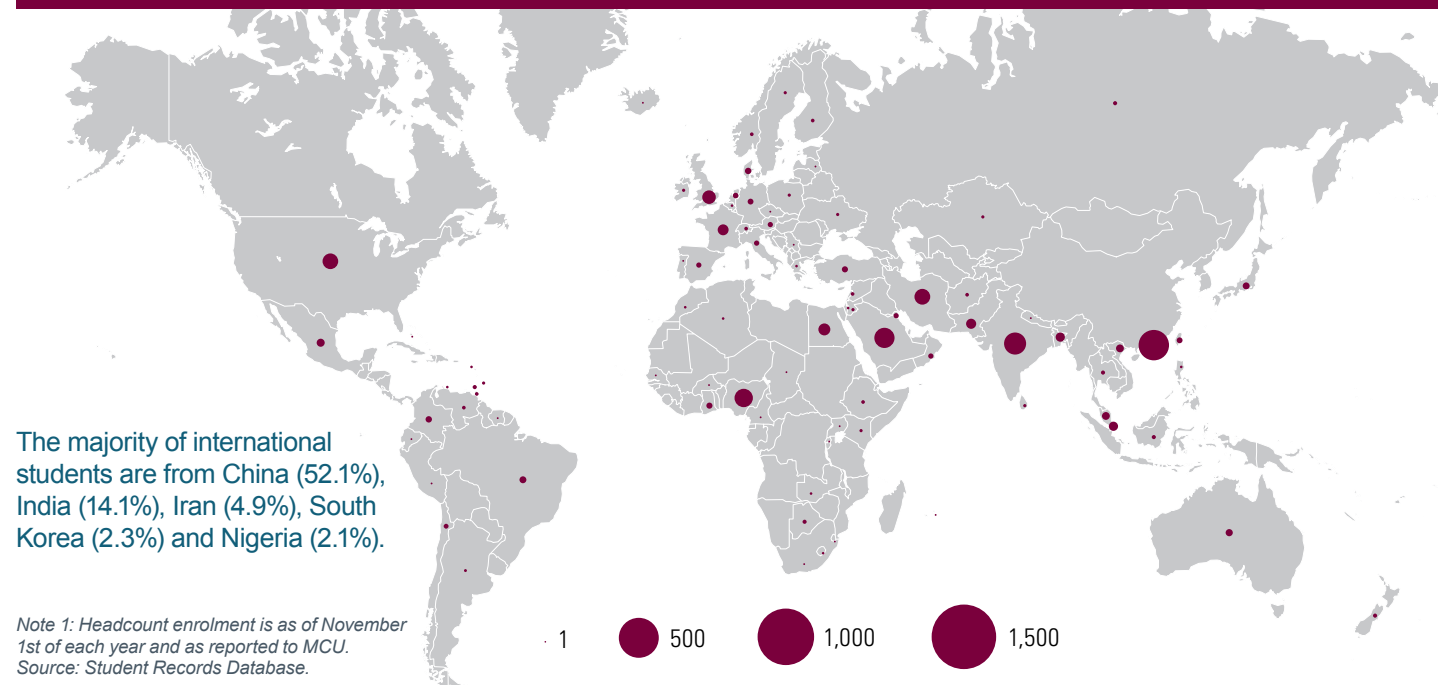


Note 1: Headcount enrolment is as of November 1st of each year and as reported to MCU.  
 Note 2: Headcount enrolment excludes students on co-op work term.  
 Note 3: The definition of part-time students changed from 12 units to 9 units per 4-month term effective summer 2015. The full-time and part-time numbers in the chart have been restated using the new definition of part-time students for all years in order to show a trend line. As a result, the previous years' restated part-time and full-time data in the chart will differ from the other data tables and official enrolment data with part-time and full-time breakdown.  
 Source: Student Records Database.



International students represented over 125 countries.

### International Students Country of Origin



### Undergraduate Enrolment and Demographics, 2023-2024

Undergraduate	Level	FFTE <sup>1</sup>	Headcount <sup>2</sup>			Level	Gender		Geographic Origin			
			Enrolment	Full-Time	Part-Time		Total	Degree Seeking	Non-Degree Seeking	Female	Male	Ontario
Business	1	829.85	801	11	812	812		335	465	592	19	201
	2	863.3	828	5	833	833		328	500	625	18	190
	3	955.8	916	14	930	930		404	524	626	14	290
	4	816.2	1023	53	1076	1076		449	620	777	16	283
	5	98.7	1	0	1	1	0	1	0	1	0	0
	Other <sup>5</sup>	30.6	41	1	42	40	2	23	19	2	0	40
<b>Total</b>		<b>3594.45</b>	<b>3610</b>	<b>84</b>	<b>3694</b>	<b>3692</b>	<b>2</b>	<b>1540</b>	<b>2128</b>	<b>2623</b>	<b>67</b>	<b>1004</b>
Engineering <sup>3</sup>	1	1341.416	1312	11	1323	1323		534	766	1120	71	132
	2	1167.118	1167	15	1182	1182		416	755	1022	38	122
	3	989.344	1074	25	1099	1098	1	363	730	920	23	156
	4	932.301	1183	67	1250	1250		397	844	1032	32	186
	5	239.126	294	13	307	307		126	177	285	12	10
	Other	21.331	28	3	31	28	3	12	18	2	2	27
<b>Total</b>		<b>4690.6</b>	<b>5062</b>	<b>134</b>	<b>5196</b>	<b>5192</b>	<b>4</b>	<b>1848</b>	<b>3290</b>	<b>4381</b>	<b>178</b>	<b>633</b>
Computer Science	1	196.7	195	1	196	196		41	150	98	19	79
	2	174.8	177	0	177	177		44	133	101	8	68
	3	165.3	182	6	188	188		31	156	120	1	67
	4	111.3	128	14	142	142		30	112	85	3	54
<b>Total</b>		<b>648.1</b>	<b>682</b>	<b>21</b>	<b>703</b>	<b>703</b>		<b>146</b>	<b>551</b>	<b>404</b>	<b>31</b>	<b>268</b>
Engineering Technology	1	170.3	158	4	162	162		31	126	132	7	23
	2	162.829	169	4	173	173		31	139	143	4	26
	3	380.11	411	129	540	540		86	433	474	10	56
	4	519.189	700	180	880	880		128	697	752	13	115
<b>Total</b>		<b>1232.428</b>	<b>1438</b>	<b>317</b>	<b>1755</b>	<b>1755</b>		<b>276</b>	<b>1395</b>	<b>1501</b>	<b>34</b>	<b>220</b>
<b>Engineering Total</b>		<b>6571.2</b>	<b>7178</b>	<b>472</b>	<b>7650</b>	<b>7646</b>	<b>4</b>	<b>2270</b>	<b>5236</b>	<b>6286</b>	<b>243</b>	<b>1121</b>

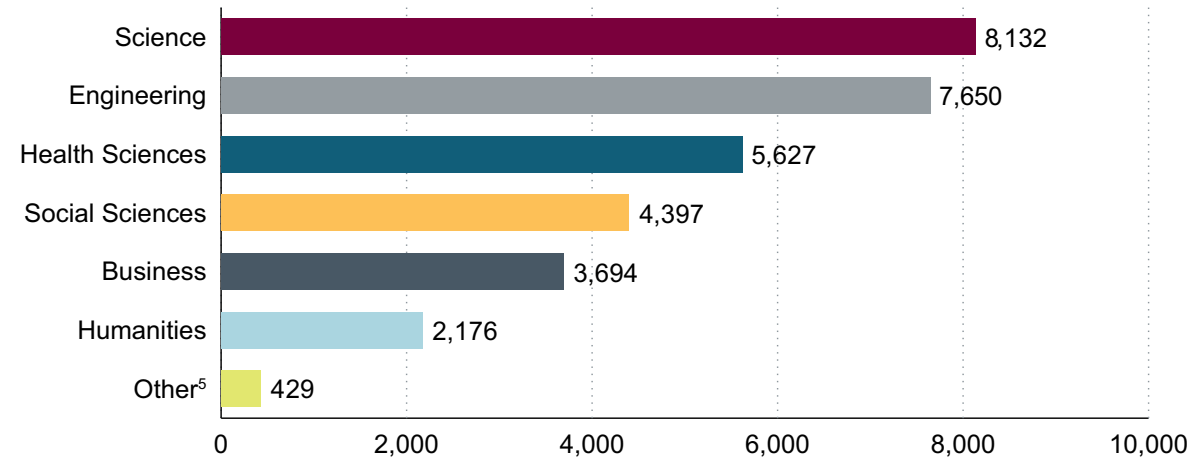




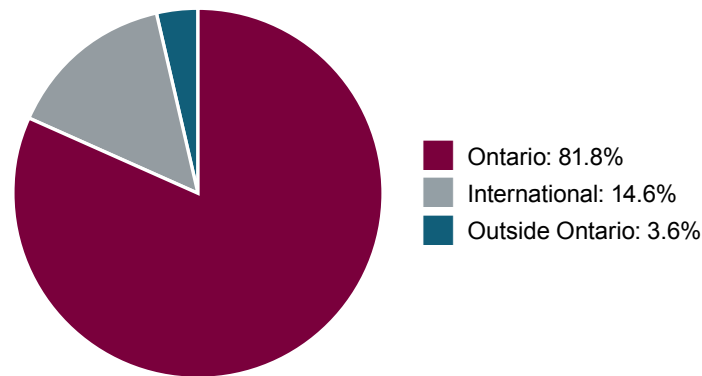
25.3% of the total undergraduate enrolment headcount is in the Faculty of Science (highest) followed by 23.8% in Engineering and 17.5% in Health Sciences.

Female undergraduate students represented 57% of total undergraduate enrolment in Fall 2022.

**Total Undergraduate Regular Session Headcount Enrolment Distribution by Faculty, 2023-2024 (n=32,105)**

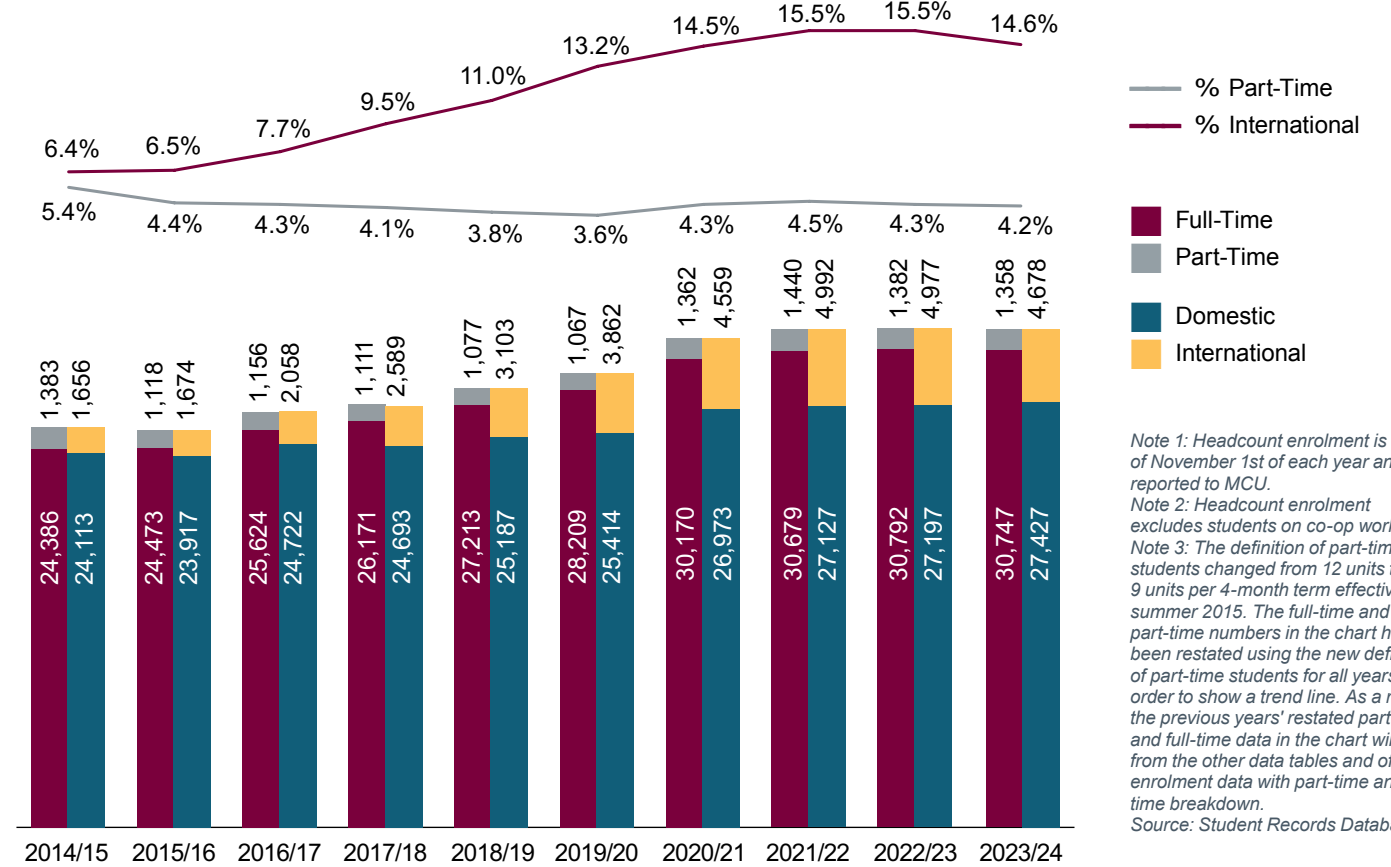


**Geographic Distribution of Total Undergraduate Regular Session Headcount Enrolment, 2023-2024 (n=32,105)**



Note 1: FFTE (Fiscal Full-time Equivalent) includes Spring/Summer, Fall and Winter as reported to MCU on each count date in 2022-2023. FFTE is based on the undergraduate student unit load as a proportion of the Normal unit load for that specific academic year within a program.  
 Note 2: Undergraduate headcount enrolment is as of November 1, 2022 and as reported to MCU.  
 Note 3: Engineering includes Engineering, Computer Science, Engineering Technology and Engineering-Other (Continuing, Irregular, Exchange and Credit outside McMaster)  
 Note 4: Health Sciences includes Bachelor of Health Sciences, School of Medicine, Midwifery, Nursing, Collaborative Nursing, Residents and Occasional/Continuing/Other.  
 Note 5: Other level includes continuing students.  
 Note 6: Other includes Arts & Science and Divinity College.  
 Note 7: Headcount excludes students on co-op work term.  
 Note 8: Normal unit load is determined by the Required Units specified in the University Calendar.  
 Note 9: Collaborative Programs are included in the Undergraduate Enrolment Demographics table.  
 Source: Student Record Database

**Undergraduate Headcount Enrolment with Percentage of Part-Time Student and International Students, 2014-2024<sup>3</sup>**



Note 1: Headcount enrolment is as of November 1st of each year and as reported to MCU.  
 Note 2: Headcount enrolment excludes students on co-op work term.  
 Note 3: The definition of part-time students changed from 12 units to 9 units per 4-month term effective summer 2015. The full-time and part-time numbers in the chart have been restated using the new definition of part-time students for all years in order to show a trend line. As a result, the previous years' restated part-time and full-time data in the chart will differ from the other data tables and official enrolment data with part-time and full-time breakdown.  
 Source: Student Records Database.

Students from Ontario represent 81.8% of total undergraduate enrolment in Fall 2023.

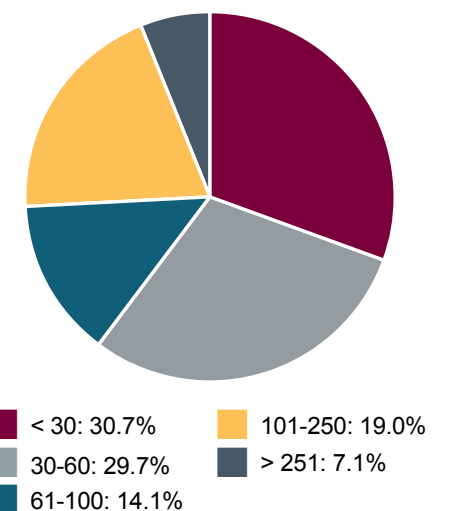
The percentage of undergraduate students who are part-time<sup>3</sup> has decreased from 5.9 (using new part-time definition) in 2013-2014 to 4.2 in 2023-2024.

**Undergraduate Class Size by Year Level, Fall 2023**

Class Size	1 <sup>st</sup> Year		2 <sup>nd</sup> Year		3 <sup>rd</sup> Year		4 <sup>th</sup> Year	
	#	%	#	%	#	%	#	%
<30	74	24.6	89	21.3	154	30.8	166	45.9
30 – 60	44	14.6	100	23.9	187	37.4	142	39.2
61 – 100	35	11.6	74	17.7	80	16.0	29	8.0
101 – 250	92	30.6	120	28.7	74	14.8	24	6.6
>251	56	18.6	35	8.4	5	1.0	1	0.3
<b>Total</b>	<b>307</b>	<b>100.0</b>	<b>416</b>	<b>100.0</b>	<b>516</b>	<b>100.0</b>	<b>348</b>	<b>100.0</b>

Note 1: Lecture courses. Excludes zero credit courses.

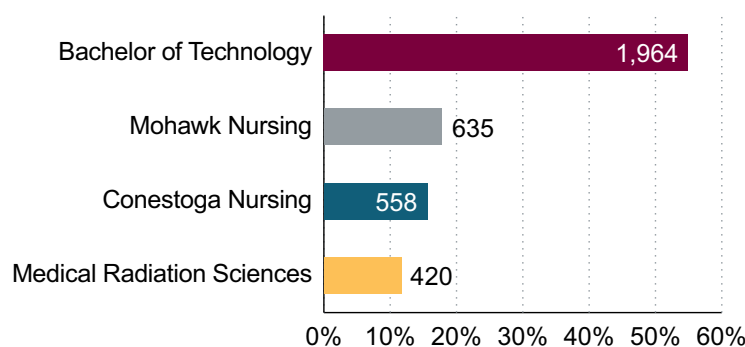
**Undergraduate Class Size, Fall 2023 (n=1,581)**



Undergraduate Enrolment and Demographics – Collaborative Programs, 2023-2024												
Undergraduate	Level	FFTE <sup>1</sup> Enrolment	Headcount <sup>2</sup>			Level	Gender		Geographic Origin			
			Full-Time	Part-Time	Total		Degree Seeking	Non-Degree Seeking	Female	Male	Ontario	Outside Ontario
Mohawk Nursing	1	100.688	89	2	91	91	0	78	12	91	0	
	2	234.206	215	7	222	222	0	184	33	220	2	
	3	181.403	160	9	169	169	0	139	22	169	0	
	4	113.621	152	1	153	153	0	133	19	152	1	
	<b>Total</b>	<b>629.918</b>	<b>616</b>	<b>19</b>	<b>635</b>	<b>635</b>	<b>0</b>	<b>534</b>	<b>86</b>	<b>632</b>	<b>3</b>	
Conestoga Nursing	1	68.067	64	4	68	68	0	60	8	66	0	2
	2	171.026	151	7	158	158	0	142	13	156	1	1
	3	167.043	146	12	158	158	0	132	14	156	2	
	4	128.519	172	2	174	174	0	157	17	173	1	
	<b>Total</b>	<b>534.655</b>	<b>533</b>	<b>25</b>	<b>558</b>	<b>558</b>	<b>0</b>	<b>491</b>	<b>52</b>	<b>551</b>	<b>4</b>	<b>3</b>
Medical Radiation Science (Mohawk)	1	115.2	106	1	107	107	0	0	0	97	6	4
	2	168.8	124	0	124	124	0	0	0	120	4	0
	3	132.4	86	0	86	86	0	0	0	83	1	2
	4	104.1	102	1	103	103	0	0	0	99	1	3
	<b>Total</b>	<b>520.5</b>	<b>418</b>	<b>2</b>	<b>420</b>	<b>420</b>	<b>0</b>	<b>78</b>	<b>12</b>	<b>399</b>	<b>12</b>	<b>9</b>
Bachelor of Technology (Mohawk)	1	270.4	265	5	270	270	0	41	220	221	9	40
	2	259.084	269	5	274	274	0	41	228	229	4	41
	3	380.11	411	129	540	540	0	86	433	474	10	56
	4	519.189	700	180	880	880	0	128	697	752	13	115
	<b>Total</b>	<b>1428.783</b>	<b>1645</b>	<b>319</b>	<b>1964</b>	<b>1964</b>	<b>0</b>	<b>296</b>	<b>1578</b>	<b>1676</b>	<b>36</b>	<b>252</b>
<b>Total Collaborative Programs</b>		<b>3113.856</b>	<b>3212</b>	<b>365</b>	<b>3577</b>	<b>3577</b>	<b>0</b>	<b>1673</b>	<b>1780</b>	<b>3258</b>	<b>55</b>	<b>264</b>

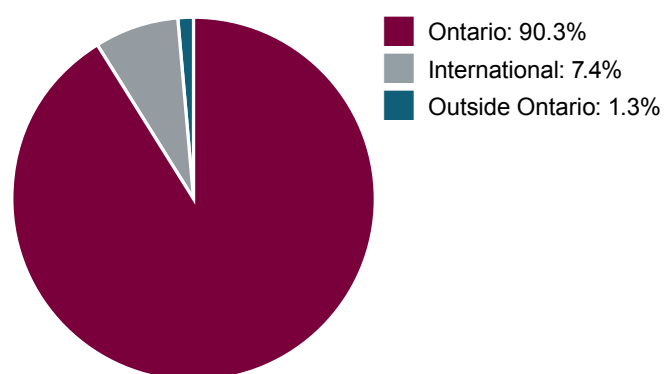
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 Note 2: Undergraduate headcount enrolment is as of November 1, 2023 and as reported to MCU.  
 Note 3: Headcount excludes students on co-op work term.  
 Note 4: Normal unit load is determined by the Required Units specified in the University Calendar.  
 Source: Student Record Database

**Undergraduate Regular Session Headcount Enrolment by Collaborative Program, 2023-2024 (n=3,577)**



Note 1: FFTE (Fiscal Full-time Equivalent) includes Spring/Summer, Fall and Winter as reported to MCU on each count date in 2023-2024. FFTE is based on the undergraduate student unit load as a proportion of the Normal unit load for that specific academic year within a program.  
 Note 2: Undergraduate headcount enrolment is as of November 1, 2023 and as reported to MCU.

**Geographic Distribution of Collaborative Program Undergraduate Regular Session Headcount Enrolment, 2023-2024 (n=3,577)**



Note 3: Headcount excludes students on co-op work term.  
 Note 4: Normal unit load is determined by the Required Units specified in the University Calendar.  
 Source: Student Record Database

Graduate Enrolment and Demographics, 2023-2024													
Faculty/Department	FTE <sup>1</sup> Enrolment	Headcount <sup>2</sup>			Level			Gender		Geographic Origin			
		Full-Time	Part-Time	Total	Master's	Doc-toral	Grad Cert/Dip	Female	Male	Ontario	Outside Ontario	International	
Business	Business	767.0	680	290	970	852	97	21	497	471	604	28	338
	<b>Total</b>	<b>767.0</b>	<b>680</b>	<b>290</b>	<b>970</b>	<b>852</b>	<b>97</b>	<b>21</b>	<b>497</b>	<b>471</b>	<b>604</b>	<b>28</b>	<b>338</b>
Engineering	Biomedical Engineering	83	83		83	33	50		47	36	51	2	30
	Chemical Engineering	93.6	93	2	95	32	63		40	55	48	2	45
	Civil Engineering	86.2	85	4	89	26	63		27	61	24	4	61
	Computing & Software	154.4	149	18	167	99	68		54	113	70		97
	Electrical & Computer Engineering	196.6	193	12	205	77	128		50	155	41	1	163
	Engineering Physics	68.5	64	15	79	35	42	2	21	58	44	3	32
	Faculty of Engineering – Exchange	35.3	35	1	36			36	15	21	1		35
	Materials Science & Engineering	62	62		62	17	45		23	39	17	1	44
	Mechanical Engineering	135.7	133	9	142	63	79		26	116	62	1	79
	School of Engineering Practice	352.2	342	34	376	376			89	287	85	2	289
	<b>Total</b>	<b>1267.5</b>	<b>1239</b>	<b>95</b>	<b>1334</b>	<b>758</b>	<b>538</b>	<b>38</b>	<b>392</b>	<b>941</b>	<b>443</b>	<b>16</b>	<b>875</b>
Health Sciences	Biochemistry and Biomedical Sciences	196.3	196	1	197	118	79		102	91	173	8	16
	Education Services	36	24	40	64	64			42	22	44	15	5
	Global Health	144	144		144	116	28		120	24	117	11	16
	Health Research Methods, Evidence, and Impact	261.3	222	131	353	160	130	63	229	122	254	31	68
	Faculty of Health Sciences	156	156		156	69	84	3	110	45	132	3	21
	Midwifery	19.5	12	25	37	37			35	1	25	12	
	Pediatrics	30	27	10	37	37			36		33	3	1
	Psychiatry & Behavioural Neurosciences	108.7	106	9	115	80	26	9	92	21	108	3	4
	School of Medicine	9	9		9	9	9		5	3	9		
	School of Nursing	92.5	88	15	103	80	17	6	95	7	102		1
	School of Rehabilitation Science	438.1	379	197	576	542	34		459	106	483	75	18
<b>Total</b>	<b>1491.4</b>	<b>1363</b>	<b>428</b>	<b>1791</b>	<b>1303</b>	<b>407</b>	<b>81</b>	<b>1325</b>	<b>442</b>	<b>1480</b>	<b>161</b>	<b>150</b>	

The Faculty of Health Sciences had the highest percentage of total graduate enrolment (31.6%).

Health Sciences had the largest graduate student headcount enrolment in 2020-21, with 1,685 students.

**Graduate Enrolment and Demographics, 2023-2024 (continued)**

Faculty/Department	FTE <sup>1</sup>	Headcount <sup>2</sup>			Level			Gender		Geographic Origin			
	Enrolment	Full-Time	Part-Time	Total	Master's	Doc-toral	Grad Cert/Dip	Female	Male	Ontario	Outside Ontario	International	
Humanities	Classics	37	37		37	11	26		27	7	30	2	5
	Communication Studies	13.8		46	46	46			37	9	35	9	2
	Communications Management	64	64		64	25	39		49	11	42	10	12
	English	1	1		1			1	1				1
	Faculty of Humanities	16	16		16	2	14		15	1	11		5
	French	10.9	10	3	13	13			10	1	8		5
	Gender and Social Justice	18	18		18	5	13		9	9	13	4	1
	History	39.3	39	1	40	18	22		21	18	31	3	6
	Linguistics	18	18		18	6	12		13	4	13		5
	Philosophy	54	54		54	16	38		19	35	41	9	4
<b>Total</b>	<b>272</b>	<b>257</b>	<b>50</b>	<b>307</b>	<b>142</b>	<b>164</b>	<b>1</b>	<b>201</b>	<b>95</b>	<b>224</b>	<b>37</b>	<b>46</b>	
Science	Biology	82.3	82	1	83	33	50		49	33	63	3	17
	Chemistry and Chemical Biology	108	108		108	58	50		60	47	67	4	37
	Faculty of Science - Exchange	9	9		9			9	3	6			9
	Geography & Earth Sciences	80.3	80	1	81	37	44		48	32	52	8	21
	Kinesiology	69	69		69	35	34		38	30	61	3	5
	Mathematics/Statistics	140.4	138	8	146	85	61		48	97	56	7	83
	Medical Radiation Sciences	25.8	24	6	30	18	12		11	19	16	3	11
	Physics & Astronomy	70	70		70	29	41		24	45	41	7	22
	Psychology, Neuro-science & Behaviour	110	110		110	28	82		77	32	87	5	18
	<b>Total</b>	<b>694.8</b>	<b>690</b>	<b>16</b>	<b>706</b>	<b>323</b>	<b>374</b>	<b>9</b>	<b>358</b>	<b>341</b>	<b>443</b>	<b>40</b>	<b>223</b>
Social Sciences	Anthropology	41	41		41	15	26		34	6	31	5	5
	Economics	53.3	53	1	54	26	28		20	34	25	7	22
	Faculty of Social Sciences	2	2		2			2	1	1			2
	Health, Aging and Society	38	38		38	16	22		30	8	28	3	7
	Institute on Globalization & the Human Condition	19.3	19	1	20	20			15	5	18		2
	Labour Studies	25.6	25	2	27	17	10		15	11	21	1	5
	Political Science	53.3	53	1	54	15	39		28	26	38	3	13
	Public Policy	22	22		22	22			12	8	17	2	3
	Religious Studies	33.3	33	1	34	9	25		10	24	14	7	13
	School of Social Work	44.5	43	5	48	21	27		40	4	46	2	
<b>Total</b>	<b>368.3</b>	<b>365</b>	<b>11</b>	<b>376</b>	<b>175</b>	<b>199</b>	<b>2</b>	<b>233</b>	<b>133</b>	<b>272</b>	<b>32</b>	<b>72</b>	
Interdisc.	Interdisciplinary	3	3		3			3	2	1			3
	<b>Total</b>	<b>3</b>	<b>3</b>		<b>3</b>			<b>3</b>	<b>2</b>	<b>1</b>			<b>3</b>

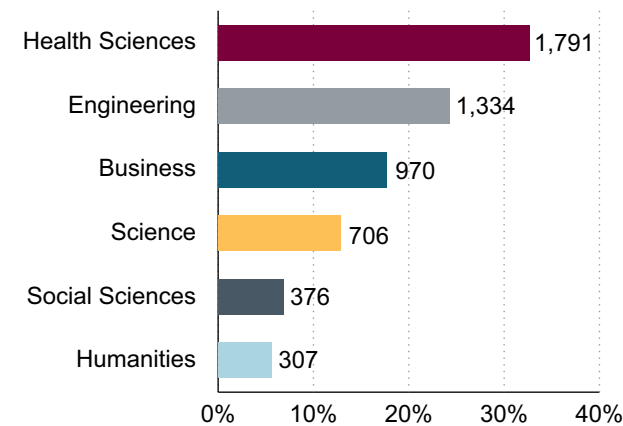


**Graduate Enrolment and Demographics, 2023-2024 (continued)**

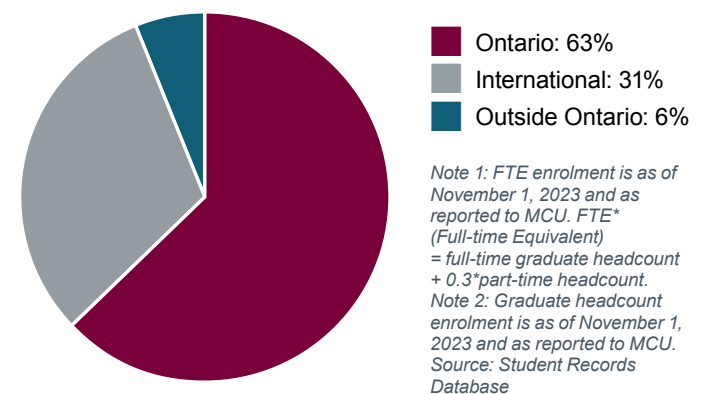
Faculty/Department	FTE <sup>1</sup>	Headcount <sup>2</sup>			Level			Gender		Geographic Origin			
	Enrolment	Full-Time	Part-Time	Total	Master's	Doc-toral	Grad Cert/Dip	Female	Male	Ontario	Outside Ontario	International	
University Total	Business	767.0	680	290	970	852	97	21	497	471	604	28	338
	Engineering	1267.5	1239	95	1334	758	538	38	392	941	443	16	875
	Health Sciences	1491.4	1363	428	1791	1303	407	81	1325	442	1480	161	150
	Humanities	272	257	50	307	142	164	1	201	95	224	37	46
	Science	694.8	690	16	706	323	374	9	358	341	443	40	223
	Social Sciences	368.3	365	11	376	175	199	2	233	133	272	32	72
	Interdisciplinary	3	3		3			3	2	1			3
	<b>Grand Total</b>	<b>4864</b>	<b>4597</b>	<b>890</b>	<b>5487</b>	<b>3553</b>	<b>1779</b>	<b>155</b>	<b>3008</b>	<b>2424</b>	<b>3466</b>	<b>314</b>	<b>1707</b>

Note 1: FTE enrolment is as of November 1, 2023 and as reported to MCU. FTE\* (Full-time Equivalent) = full-time graduate headcount + 0.3\*part-time headcount.  
 Note 2: Graduate headcount enrolment is as of November 1, 2023 and as reported to MCU.  
 Source: Student Records Database

**Total Graduate Regular Session Headcount Enrolment Distribution by Faculty, 2023-2024 (n=5,487)**



**Geographic Distribution of the Total Graduate Regular Session Headcount Enrolment, 2022-2023 (n=5,363)**



Note 1: FTE enrolment is as of November 1, 2023 and as reported to MCU. FTE\* (Full-time Equivalent) = full-time graduate headcount + 0.3\*part-time headcount.  
 Note 2: Graduate headcount enrolment is as of November 1, 2023 and as reported to MCU.  
 Source: Student Records Database





The Faculty of Engineering has the highest percentage of international graduate students (62.7%)

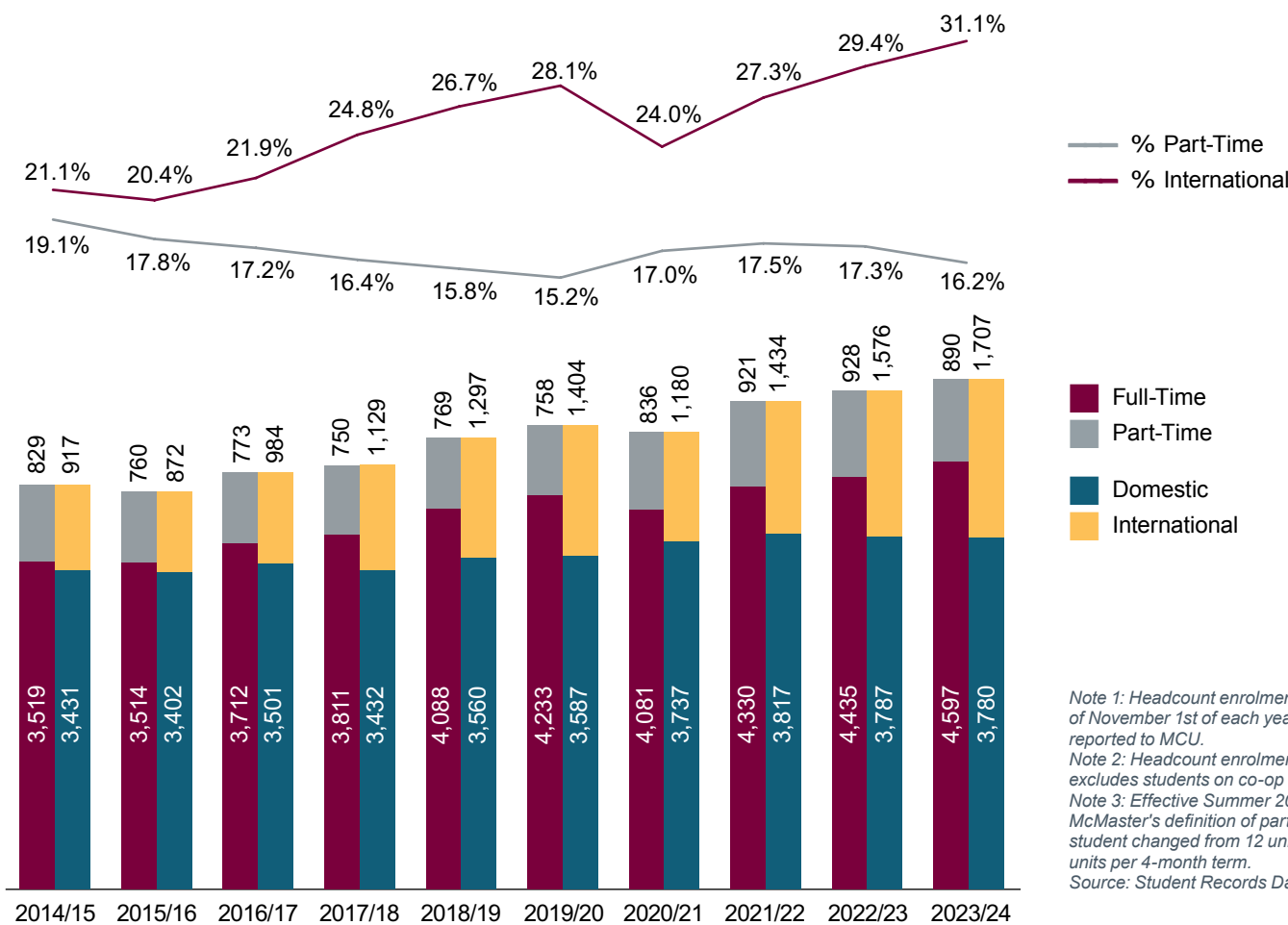


More than 90% of all academic programs offered by McMaster Continuing Education are open access programs.

Graduate headcount enrolment comprised 14.6% of total enrolment in 2023-2024.

55.8% of graduate students were female (Fall 2023).

Graduate Headcount Enrolment with Percentage of Part-Time Students and International Students, 2014-2024



# McMaster continuing education

McMaster Continuing Education collaborated with Human Resources leaders to develop and launch the Inclusive Excellence Leadership program. This program includes seven courses designed to enhance leadership skills with a focus on inclusivity.

McMaster Continuing Education continues to be committed to addressing students' economic challenges by offering an award for learners in financial need. This program complements the bursary funding available through the McMaster Association for Part-time Students. We are pleased to announce that the new award was fully utilized this year. Adult learners from Indigenous backgrounds can also access a new bursary program called ionkhihahinnien:ni which supports students from the Haudenosaunee and Mississauga nations.

McMaster Continuing Education has been in the microcredential space since 2022 and positions them as professional development for learners seeking work-relevant learning supporting career advancement and skill development. The majority of them align with McMaster Continuing Education's four major programming areas: business, health, technology and data, and marketing and communication. To learn more about microcredentials through McMaster Continuing Education, visit [continuing.mcmaster.ca/programs/microcredentials/](https://continuing.mcmaster.ca/programs/microcredentials/).

McMaster Continuing Education staff and leaders continue to be involved in the scholarly and professional activities of UPCEA, the Canadian Association for University Continuing Education, the Ontario Council for University Lifelong Learning, and eCampusOntario.

McMaster Continuing Education partners with McMaster Alumni to provide students and graduates with valuable career resources and other benefits. This collaboration with Alumni also supports the ongoing Caregiving Essentials program, which offers a no-cost asynchronous online course, a chance to earn a microcredential and a webinar series.

MCE continues to increase its presence around the world with students and graduates in more than 17 countries.



McMaster celebrated the 100th Marauder Student-Athletics Awards gala.



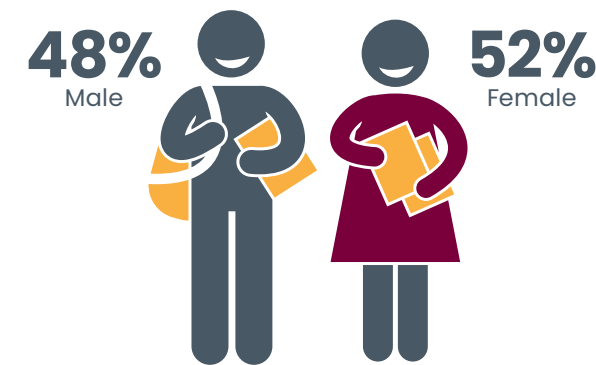
McMaster Continuing Education Highlights: 2023-2024		
Data Point	Results	
Total Students	5,890	
Total Enrolments	Academic Courses	7,014
	Non-academic Courses	3,945
Gender	Female	69%
	Male	30%
	Other	0.27%
Generation	Gen Z	6%
	Gen Y	69%
	Gen X	24%
	Boomer	1%
Domestic / International	Canada	97%
	International	3%
Student Goals	Career Growth	35%
	Professional Development	27%
	New Career Path	13%
	Professional Designation	9%
	General Interest	6%
	Obtain University Level Education	4%
	Other	3%

Source: Mosaic Data Fiscal 2022-2023

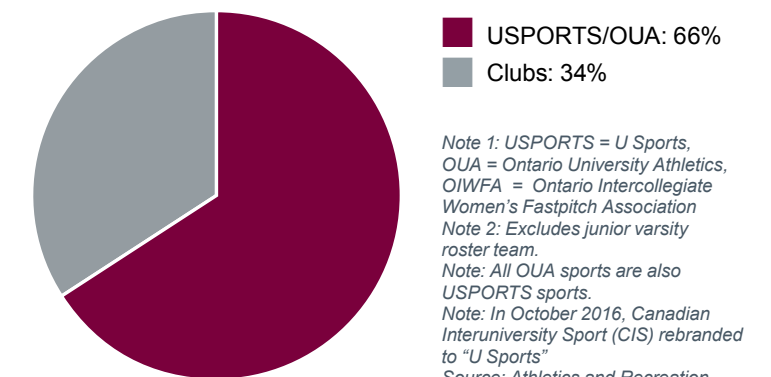
## Student athletics

The mission of the Athletics and Recreation department at McMaster University is to enrich the overall learning experience at McMaster; to promote a life-long appreciation for the benefits of a healthy-active lifestyle, and to be major contributors in the development of tomorrow's leaders. For more information on athletics, please visit: [marauders.ca](http://marauders.ca)

Student Athletes by Gender, 2023-2024 (n=1,239)



Student Athletes by Organization, 2023-2024 (n=1,239)



Note 1: USPORTS = U Sports, OUA = Ontario University Athletics, OIWFA = Ontario Intercollegiate Women's Fastpitch Association  
Note 2: Excludes junior varsity roster team.  
Note: All OUA sports are also USPORTS sports.  
Note: In October 2016, Canadian Interuniversity Sport (CIS) rebranded to "U Sports"  
Source: Athletics and Recreation database

In 2023-24, McMaster University had over 1,230 student athletes.

Student Athletics by Sport, 2019-2023																
Sport	2019			2020			2021			2022			2023			
	Female	All	% Female	Female	All	% Female	Female	All	% Female	Female	All	% Female	Female	All	% Female	
USPORTS <sup>1</sup>	Basketball	14	31	45.2	15	30	50.0	16	35	45.7	15	32	46.9	15	33	45.5
	Cross-Country	19	47	40.4	24	51	47.1	27	58	46.6	24	47	51.1	24	49	49.0
	Football		96			101			106			104			114	
	Rugby – Female	36	36	100.0	32	32	100.0	36	36	100.0	41	41	100.0	37	37	100.0
	Swimming	33	58	56.9	29	51	56.9	29	56	51.8	33	64	51.6	29	53	54.7
	Soccer	33	74	44.6	27	66	40.9	28	63	44.4	29	63	46.0	31	63	49.2
	Volleyball	19	38	50.0	17	36	47.2	19	38	50.0	17	37	45.9	20	38	52.6
	Wrestling	7	30	23.3	10	28	35.7	12	29	41.4	17	40	42.5	14	36	38.9
	<b>Total</b>	<b>161</b>	<b>410</b>	<b>39.3</b>	<b>154</b>	<b>395</b>	<b>39.0</b>	<b>167</b>	<b>421</b>	<b>39.7</b>	<b>176</b>	<b>428</b>	<b>41.1</b>	<b>170</b>	<b>423</b>	<b>40.2</b>
OUA <sup>1</sup>	Badminton	10	22	45.5	9	15	60.0	10	21	47.6	10	26	38.5	11	21	52.4
	Baseball		34			21			34			31			35	
	Curling	9	17	52.9	3	6	50.0	5	9	55.6	10	17	58.8	5	14	35.7
	Fastpitch	15	15	100.0	11	11	100.0	17	17	100.0	16	16	100.0	17	17	100.0
	Fencing	36	90	40.0				17	40	42.5	26	56	46.4	26	54	48.1
	Field Hockey	27	27	100.0	28	28	100.0	24	24	100.0	20	20	100.0			100.0
	Figure Skating - Comp	33	34	97.1	10	11	90.9	15	18	83.3	18	21	85.7			
	Golf	5	15	33.3				3	13	23.1	4	12	33.3	6	15	40.0
	Lacrosse - Female	21	21	100.0	15	15	100.0	17	17	100.0	22	22	100.0	25	25	100.0
	Nordic Skiing	8	16	50.0	6	7	85.7	10	20	50.0	11	17	64.7	11	22	50.0
	Rowing	35	72	48.6	13	22	59.1	11	21	52.4	31	52	59.6	27	49	55.1
	Rugby Male		52			24			44			60			48	
	Squash	11	23	47.8				9	21	42.9	11	20	55.0	9	25	36.0
	Tennis	10	25	40.0	7	11	63.6	16	29	55.2	16	30	53.3	18	35	51.4
	Water Polo	18	35	51.4	9	14	64.3	19	30	63.3	20	32	62.5	19	31	61.3
	<b>Total</b>	<b>238</b>	<b>498</b>	<b>47.8</b>	<b>111</b>	<b>185</b>	<b>60.0</b>	<b>173</b>	<b>358</b>	<b>48.3</b>	<b>215</b>	<b>432</b>	<b>49.8</b>	<b>170</b>	<b>391</b>	<b>43.5</b>
Clubs	Cheerleading	29	29	100.0							39	39	121.9	27	28	96.4
	Dance – Comp													30	32	93.8
	Figure Skating - Development													92	95	96.8
	Women's Football	109	109	100.0				110	110		108	108	100.0	59	59	100.0
	Gymnastics & Parkour													22	26	84.6
	Ice Hockey	22	40	55							21	37	56.8	21	42	50.0
	Lacrosse-Male		27									28		30		31
	Life Guarding	15	24	62.5				5	11	45.5	9	17	52.9	11	18	61.1
	Synchro Swim	19	19	100							12	12	100.0	19	19	100.0
	Ultimate Frisbee	25	75	33.3							30	75	40.0	28	75	37.3
<b>Total</b>	<b>219</b>	<b>323</b>	<b>67.8</b>				<b>115</b>	<b>149</b>	<b>77.2</b>	<b>219</b>	<b>318</b>	<b>68.9</b>	<b>309</b>	<b>425</b>	<b>72.7</b>	
<b>Grand Total</b>	<b>618</b>	<b>1,231</b>	<b>50.2</b>	<b>265</b>	<b>580</b>	<b>45.7</b>	<b>455</b>	<b>928</b>	<b>49.0</b>	<b>610</b>	<b>1,178</b>	<b>51.8</b>	<b>649</b>	<b>1,239</b>	<b>52.4</b>	

Note 1: USPORTS = U Sports, OUA = Ontario University Athletics, OIWFA = Ontario Intercollegiate Women's Fastpitch Association  
 Note 2: Excludes junior varsity roster team.

Note: All OUA sports are also USPORTS sports.  
 Note: In October 2016, Canadian Interuniversity Sport (CIS) rebranded to "U Sports"  
 Source: Athletics and Recreation database

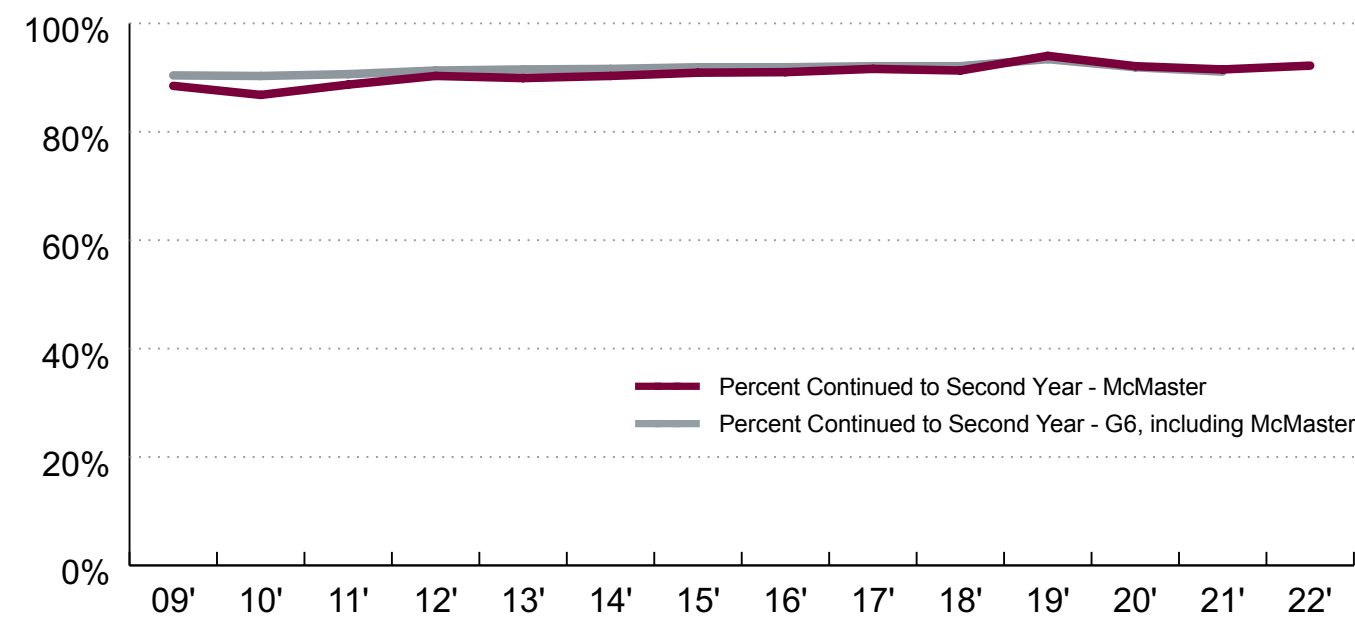


Approximately 92.2% of first-time, full-time, baccalaureate degree-seeking students of the 2022 entering cohort continued to second year.

# Retention and graduation

Female students continued to second year at higher rates than their male counterparts.

Retention Rates: Percent of First-Time, Full-Time Baccalaureate Degree-Seeking Students Who Continued to Second Year



Note 1: Retention rate is the percentage of first-time, full-time freshmen in a given fall term who returned to the institution in a subsequent fall term.  
 Note 2: Headcount includes three, four, and five-year degree-seeking students.  
 Note 3: G6 consists of McMaster and Ontario peers.  
 Source: Student Records Database, CSRDE

Retention Rates <sup>1</sup> of First-time, Full-time, Baccalaureate Degree-Seeking Students – 2019 to 2023 Entering Cohort					
Total	2019	2020	2021	2022	2023
<b>Entering Cohort Headcount<sup>2</sup></b>	5,803	6,653	6,092	5,757	5,808
% Continued to 2nd Year	94.0	92.1	91.5	92.2	
% Continued to 3rd Year	91.2	88.4	89.2		
% Continued to 4th Year	83.2	81.6			
% Continued to 5th Year	39.5				
Female	2019	2020	2021	2022	2023
<b>Entering Cohort Headcount<sup>2</sup></b>	3,282	3,738	3,492	3,252	3,315
% Continued to 2nd Year	94.7	93.0	92.8	93.6	
% Continued to 3rd Year	91.8	89.5	90.5		
% Continued to 4th Year	85.0	83.9			
% Continued to 5th Year	31.0				
Male	2019	2020	2021	2022	2023
<b>Entering Cohort Headcount<sup>2</sup></b>	2,485	2,851	2,571	2,439	2,345
% Continued to 2nd Year	93.2	91.0	90.0	90.5	
% Continued to 3rd Year	90.5	86.9	87.5		
% Continued to 4th Year	81.1	78.8			
% Continued to 5th Year	50.7				
Domestic	2019	2020	2021	2022	2023
<b>Entering Cohort Headcount<sup>2</sup></b>	4,981	5,729	5,142	5,116	5,227
% Continued to 2nd Year	94.1	93.0	92.7	93.5	
% Continued to 3rd Year	91.3	89.3	90.4		
% Continued to 4th Year	83.1	82.0			
% Continued to 5th Year	39.5				
International	2019	2020	2021	2022	2023
<b>Entering Cohort Headcount<sup>2</sup></b>	822	923	950	641	581
% Continued to 2nd Year	93.7	86.3	85.3	81.7	
% Continued to 3rd Year	90.6	82.6	82.5		
% Continued to 4th Year	84.2	79.3			
% Continued to 5th Year	39.9				
Total G6 <sup>3</sup> , Including McMaster	2019	2020	2021	2022	2023
<b>Entering Cohort Headcount<sup>2</sup></b>	41,051	43,933	45,664	44,396	N/A
% Continued to 2nd Year	93.4	91.9	91.1	92.1	
% Continued to 3rd Year	88.9	87.1	86.7		
% Continued to 4th Year	82.9	82.6			
% Continued to 5th Year	34.3				

Note 1: Retention rate is the percentage of first-time, full-time freshmen in a given fall term who returned to the institution in a subsequent fall term.

Note 2: Headcount includes three, four, and five-year degree-seeking students.

Note 3: G6 consists of McMaster and Ontario peers.

Note 4: N/A is in some columns of the G6 data, as it comes from CSRDE, which doesn't collect "Continued to 4th Year". Total G6 for 2020 lists N/A, as the entering cohort headcount is always one year behind.

Source: Student Records Database, CSRDE

The overall percentage of students graduating in four to eight years is consistently higher for domestic compared to international students.

Graduation Rates <sup>1</sup> of First-Time, Full-Time, Baccalaureate Degree-Seeking Students – 2015 Cohort to 2019 Cohort					
Total	2015	2016	2017	2018	2019
<b>Cohort Headcount</b>	4,950	5,813	5,443	5,653	5,803
% Graduated in 4 Years	47.4	47.7	49.2	46.7	48.9
% Graduated in 5 Years	75.0	75.3	76.0	74.0	
% Graduated in 6 Years	82.2	82.1	83.7		
% Graduated in 7 Years	83.9	84.0			
% Graduated in 8 Years	84.5				
Female	2015	2016	2017	2018	2019
<b>Cohort Headcount</b>	2,674	3,069	2,972	3,065	3,282
% Graduated in 4 Years	58.1	59.4	61.1	58.4	59.1
% Graduated in 5 Years	81.5	81.9	82.2	80.6	
% Graduated in 6 Years	85.6	86.0	87.5		
% Graduated in 7 Years	86.5	86.9			
% Graduated in 8 Years	86.8				
Male	2015	2016	2017	2018	2019
<b>Cohort Headcount</b>	2,276	2,744	2,444	2,559	2,485
% Graduated in 4 Years	34.8	34.5	34.9	32.7	35.8
% Graduated in 5 Years	67.4	68.0	68.6	66.3	
% Graduated in 6 Years	78.2	77.7	79.3		
% Graduated in 7 Years	80.8	80.7			
% Graduated in 8 Years	81.8				
Domestic	2015	2016	2017	2018	2019
<b>Cohort Headcount</b>	4,600	5,206	4,765	4,987	4,981
% Graduated in 4 Years	47.9	48.2	49.4	47.1	49.3
% Graduated in 5 Years	75.5	75.6	76.5	74.4	
% Graduated in 6 Years	82.7	82.2	84.2		
% Graduated in 7 Years	84.5	84.1			
% Graduated in 8 Years	85.0				
International	2015	2016	2017	2018	2019
<b>Cohort Headcount</b>	350	607	678	666	822
% Graduated in 4 Years	41.1	43.5	48.2	43.1	46.1
% Graduated in 5 Years	68.3	73.1	72.4	70.6	
% Graduated in 6 Years	75.1	80.7	80.2		
% Graduated in 7 Years	76.6	83.0			
% Graduated in 8 Years	78.3				
Total G6 <sup>2</sup> , Including McMaster	2015	2016	2017	2018	2019
<b>Cohort Headcount</b>	38,522	38,970	39,103	40,507	41,051
% Graduated in 4 Years	48.9	49.9	51.9	51.8	51.5
% Graduated in 5 Years	74.4	75.3	76.6	75.6	
% Graduated in 6 Years	79.9	80.6	81.6		
% Graduated in 7 Years	81.6	82.2			
% Graduated in 8 Years	82.3				

Note 1: Graduation rate is the cumulative percentage of first-time, full-time freshmen in a given fall term who graduated within a designated period of time.

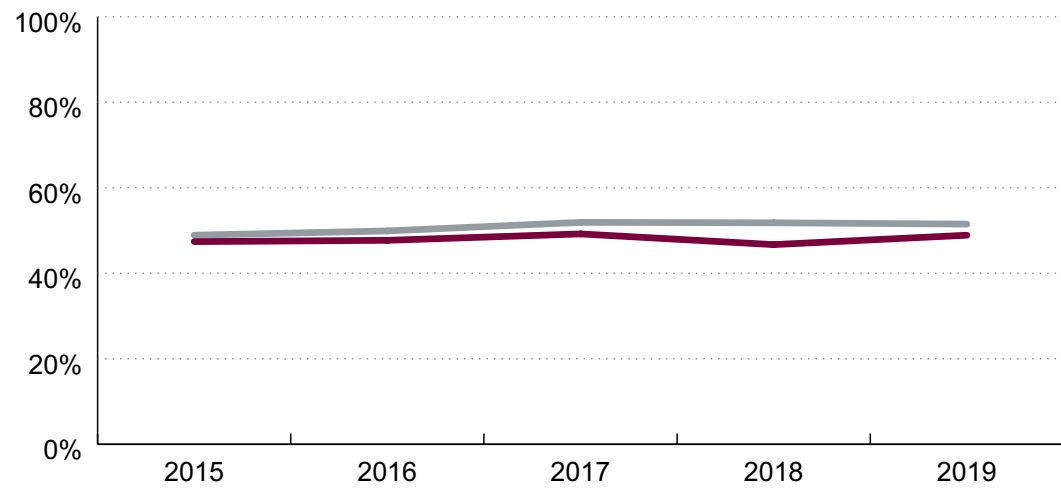
Note 2: G6 consists of McMaster and Ontario peers.

Source: Student Records Database, CSRDE



Based on the 2013 doctoral cohort study, students graduating from a PhD program at McMaster took an average 4.7 years (median) to complete their studies.

### 4-Year Undergraduate Student Graduation Rates



— McMaster  
— G6

Note 1: Graduation rate is the cumulative percentage of first-time, full-time freshmen in a given fall term who graduated within a designated period of time.  
Note 2: 2015 represents percent of year 1 students in bachelors or first professional degree programs in 2015 who subsequently received a degree between 2015 and 2019.  
Source: Student Records Database, CSRDE

### Time-to-Completion, Master's and Doctoral Cohorts Study

#### Progression of 2017 Master's Cohort after 5 years

Faculty	Total #	Completed			Withdrew			In Progress		Promoted	
		#	%	Median Yrs	#	%	Median Yrs	#	%	#	%
Business	272	265	97.4	1.7	7	2.6	0.7	0	0	0	0
Engineering	336	284	84.5	1.7	28	8.3	1.1	5	1.5	19	5.7
Health Sciences	521	458	87.9	2.0	28	5.4	1.3	12	2.3	23	4.4
Humanities	99	90	90.9	1.0	7	7.1	1.6	1	1.0	1	1.0
Interdisciplinary	117	109	93.2	1.0	5	4.3	1.5	0	0	3	2.6
Science	155	118	76.1	2.0	10	6.5	1.7	2	1.3	25	16.1
Social Sciences	116	106	91.4	1.0	8	6.9	1.4	1	0.9	1	0.9
<b>Total</b>	<b>1616</b>	<b>1430</b>	<b>88.5</b>	<b>2.0</b>	<b>93</b>	<b>5.8</b>	<b>1.3</b>	<b>21</b>	<b>1.3</b>	<b>72</b>	<b>4.5</b>

#### Progression of 2013 Doctoral Cohort after 9 years

Faculty	Total #	Completed			Withdrew			In Progress	
		#	%	Median Yrs	#	%	Median Yrs	#	%
Business	17	0	0	0	0	0	0	17	100.0
Engineering	96	74	77.1	4.3	18	18.8	1.8	4	4.2
Health Sciences	60	47	78.3	5.0	10	16.7	2.0	3	5.0
Humanities	30	16	53.3	5.5	14	46.7	4.7	0	0
Interdisciplinary	13	10	76.9	4.8	3	23.1	3.0	0	0
Science	94	76	80.9	4.3	16	17.0	2.0	2	2.1
Social Sciences	32	19	59.4	5.7	12	37.5	5.5	1	3.1
<b>Total</b>	<b>342</b>	<b>242</b>	<b>70.8</b>	<b>4.7</b>	<b>73</b>	<b>21.3</b>	<b>2.3</b>	<b>27</b>	<b>7.9</b>

#### Progression of 2016 Doctoral Cohort after 5 years

Faculty	Total #	Completed			Withdrew			In Progress	
		#	%	Median Yrs	#	%	Median Yrs	#	%
Business	15	3	20.0	5.0	2	13.3	0.8	10	66.7
Engineering	89	51	57.3	4.0	26	29.2	1.8	12	13.5
Health Sciences	78	54	69.2	4.3	13	16.7	1.7	11	14.1
Humanities	33	11	33.3	5.3	10	30.3	4.3	12	36.4
Interdisciplinary	17	12	70.6	4.3	1	5.9	1.3	4	23.5
Science	91	65	71.4	4.3	18	19.8	1.3	8	8.8
Social Sciences	28	13	46.4	5.0	9	32.1	3.0	6	21.4
<b>Total</b>	<b>352</b>	<b>210</b>	<b>59.7</b>	<b>4.3</b>	<b>79</b>	<b>22.4</b>	<b>2.0</b>	<b>63</b>	<b>17.9</b>

#### Trend of Doctoral Progression (2013-2016 Cohorts after 5 years)

Results/ Cohorts	2013		2014		2015		2016	
	#	%	#	%	#	%	#	%
Graduated	241	66.4	216	64.9	170	57.6	210	59.7
In Progress	59	16.3	52	15.6	73	24.7	63	17.9
Withdrawn	63	17.4	65	19.5	52	17.6	79	22.4
<b>Total</b>	<b>363</b>	<b>100.0</b>	<b>333</b>	<b>100.0</b>	<b>295</b>	<b>100.0</b>	<b>352</b>	<b>100.0</b>

#### Trend of Doctoral Progression (2010-2013 Cohorts after 9 years)

Results/ Cohorts	2010		2011		2012		2013	
	#	%	#	%	#	%	#	%
Graduated	237	70.5	250	73.1	248	71.1	242	70.8
In Progress	22	6.5	37	10.8	33	9.5	27	7.9
Withdrawn	77	22.9	55	16.1	68	19.5	73	21.3
<b>Total</b>	<b>336</b>	<b>100.0</b>	<b>342</b>	<b>100.0</b>	<b>349</b>	<b>100.0</b>	<b>342</b>	<b>100.0</b>

Source: Graduate Studies and Student Records Database

From 2019 to 2023, the number of undergraduate and graduate degrees awarded increased 18.5% overall.





More than 2 in 5 Students at McMaster rely on Financial Aid to help fund their education.

Since 2017-2018, the largest increase in average support for Masters students was seen in the category "Federal Fellowships/Scholarships" (150.4%, from \$538 to \$1,347).

2023-2024 In-Course Awards by Faculty, as of October 24, 2024 <sup>3</sup>												
Faculty/ Program	Level 1		Level 2		Level 3		Level 4		Level 5		By Faculty <sup>3</sup>	
	Paid (\$)	Total #	Paid (\$)	Total #	Paid (\$)	Total #	Paid (\$)	Total #	Paid (\$)	Total #	Paid (\$)	Total #
Arts & Science			75	1	10,550	9	28,450	31			39,075	41
Business			29,025	18	51,075	49	82,636	65			162,736	132
Engineering	100,000	4	303,346	79	257,800	76	161,906	116	108,525	56	931,577	331
Health Sciences	400	1	42,620	44	94,750	81	65,175	54	800	1	203,745	181
Humanities			70,775	38	95,525	76	120,675	123			286,975	237
Nursing			26,200	13	85,050	37	32,100	21			143,350	71
Science	100,000	5	115,940	83	259,275	124	281,515	244	45,709	22	802,439	478
Social Sciences			7,400	7	62,725	30	111,810	118			181,935	155
<b>Total</b>	<b>200,400</b>	<b>10</b>	<b>595,381</b>	<b>283</b>	<b>916,750</b>	<b>482</b>	<b>884,267</b>	<b>772</b>	<b>155,034</b>	<b>79</b>	<b>2,751,832</b>	<b>1,626</b>

# Financial aid

For more information on financial aid, please visit: [sfas.mcmaster.ca](https://sfas.mcmaster.ca)

Since 2017-2018, the largest increase in average support for PhD students was seen in the category "Other Employment-Based Income Support" (38.5%, from \$897 to \$1,242).

Honour Awards by Faculty, 2018-2019 to 2023-2024 <sup>1</sup>												
Faculty/ Program	2018-2019		2019-2020		2020-2021		2021-2022		2022-2023		2023-2024	
	Total #	%	Total #	%	Total #	%	Total #	%	Total #	%	Total #	%
Arts & Science	69	1.3	58	1.1	83	1.8	62	1.6	73	2.1	52	1.9
Business	842	16.0	830	15.2	554	12.1	531	14.0	530	15.5	338	12.3
Engineering <sup>2</sup>	1,206	22.9	1,109	20.9	1,212	26.6	695	18.3	754	22.1	671	24.4
Health Sciences	245	4.6	262	4.8	266	5.8	220	5.8	239	7.0	192	6.9
Nursing	110	2.1	121	2.2	112	2.5	97	2.6	113	3.3	71	2.6
Midwifery	6	0.1	1	0.1	0	0.0	5	0.1	11	0.3	6	0.2
Humanities	289	5.5	311	5.7	180	3.9	196	5.2	232	6.8	183	6.6
Music	21	0.4	29	0.5	24	0.5	12	0.3	14	0.4	7	0.3
Science	1,538	29.2	1,664	30.4	1,619	35.5	1,382	36.4	947	27.7	793	28.8
Kinesiology												
Medical Radiation Science												
Mathematics & Statistics	224	4.2	265	4.8	177	3.9	114	3.0	60	1.8	59	2.1
Social Sciences	723	13.7	824	15.1	337	7.4	487	12.8	442	12.9	383	13.9
<b>Total</b>	<b>5,273</b>	<b>100.0</b>	<b>5,273</b>	<b>100.0</b>	<b>4,564</b>	<b>100.0</b>	<b>3,801</b>	<b>100.0</b>	<b>3,415</b>	<b>100.0</b>	<b>2,755</b>	<b>100.0</b>

Ontario Student Assistance Program Information (OSAP), 2022-2023 <sup>4</sup>			
	Loan (\$)	Grant (\$)	Total (\$)
Undergraduate	76,231,958	56,645,945	132,877,903
Graduate	11,967,453	958,156	12,925,609
<b>Total</b>	<b>88,199,411</b>	<b>57,604,101</b>	<b>145,803,512</b>

Bursary Program Information, 2023-2024 <sup>5</sup>				
	MAPS (\$)	Donor (\$)	Operating (\$)	Total (\$)
Undergraduate	4,700	4,088,522.0	8,018,726.5	12,111,948.5
Graduate		305,775	1,283,521.3	1,589,296.3
<b>Total</b>	<b>4,700</b>	<b>4,394,297</b>	<b>9,302,247.8</b>	<b>13,701,244.8</b>

Note 1: Honour Awards by Faculty are by direct-entry program.  
 Note 2: Includes Engineering "other" levels.  
 Note 3: Does not include entrance academic grants and exchange grants; includes non-monetary awards.

Note 4: The 2022-2023 OSAP data reflects program starts between August 1, 2022 and July 31, 2023 and thus encompasses the 2023/2024 Fall/Winter and 2023 Spring/Summer sessions.  
 Note 5: The 2023-2024 Bursary data reflects payments made during the fiscal year only (eg. 2023 records have payment dates between May 1, 2023 and April 30, 2024).



Between 2022-2023 and 2023-2024, full-time undergraduate program tuition for domestic entering students remained the same, while the tuition for international/visa entering students saw an increase of 10.0 per cent on average.

# Tuition fees

For more information on tuition fees, please visit: [financial-affairs.mcmaster.ca](https://financial-affairs.mcmaster.ca)

Graduate Student Financial Support – Average by Category						
Qualification/Category/ Average Support		2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Master's	Internal Fellowships/Scholarships	\$2,821	\$2,163	\$3,171	\$3,057	\$3,509
	Federal Fellowships/Scholarships	\$538	\$582	\$1,222	\$1,323	\$1,347
	Provincial Fellowships/Scholarships	\$441	\$415	\$588	\$747	\$619
	Other Bursaries/Awards/ Scholarships/Fellowships	\$691	\$1,038	\$1,410	\$1,129	\$716
	Teaching Assistantships	\$3,024	\$2,817	\$4,973	\$5,036	\$5,289
	Research Assistantships	\$3,578	\$3,403	\$6,000	\$5,713	\$6,217
	Other Employment-Based Income Support	\$202	\$224	\$325	\$266	\$334
PhD	Internal Fellowships/Scholarships	\$6,575	\$5,200	\$5,046	\$5,057	\$5,730
	Federal Fellowships/Scholarships	\$3,787	\$4,029	\$3,775	\$3,893	\$3,433
	Provincial Fellowships/Scholarships	\$1,739	\$1,615	\$1,513	\$1,122	\$1,141
	Other Bursaries/Awards/ Scholarships/Fellowships	\$1,515	\$1,729	\$1,434	\$1,648	\$1,102
	Teaching Assistantships	\$6,482	\$6,697	\$6,712	\$7,085	\$6,845
	Research Assistantships	\$7,845	\$7,806	\$8,561	\$8,852	\$9,417
	Other Employment-Based Income Support	\$897	\$927	\$1,112	\$1,124	\$1,242

Note: Excludes professional programs. Only includes students enrolled FT in both Fall and Winter terms.  
Source: Graduate Studies Database

Tuition Fees for Undergraduate Entering Cohort, 2019-2020 to 2023-2024										
Level 1 Program	2019-2020		2020-2021		2021-2022		2022-2023		2023-2024	
	Domestic (\$)	Visa (\$)	Domestic (\$)	Visa (\$)	Domestic (\$)	Visa (\$)	Domestic (\$)	Visa (\$)	Domestic (\$)	Visa (\$)
Arts & Science	6,043	32,394	6,043	35,633	6,043	32,394	6,043	35,633	6,043	45,272
Business	9,355	38,168	9,355	38,168	9,355	38,168	9,355	38,168	9,355	47,173
Engineering	12,446	49,041	12,446	54,935	12,446	49,041	12,446	54,935	12,446	65,428
Computer Science	7,997	34,824	7,997	44,542	7,997	34,824	7,997	44,542	8,597	53,050
Health Sciences	6,043	32,394	6,043	40,493	6,043	32,394	6,043	40,493	6,043	51,445
Humanities	6,043	32,394	6,043	35,633	6,043	32,394	6,043	35,633	6,043	43,008
Kinesiology	6,043	32,394	6,043	35,633	6,043	32,394	6,043	35,633	6,043	45,272
Medical Radiation Science	6,043	32,394	6,043	35,633	6,043	32,394	6,043	35,633	6,043	45,272
Medicine	25,130	95,000	25,130	95,000	25,130	95,000	25,130	95,000	25,130	95,000
Midwifery	8,261		8,261		8,261		8,261		8,261	
Nursing	6,043	35,634	6,043	40,979	6,043	35,634	6,043	40,979	6,043	48,806
Science	6,043	32,394	6,043	35,633	6,043	32,394	6,043	35,633	6,043	45,272
Social Sciences	6,043	30,774	6,043	33,852	6,043	30,774	6,043	33,852	6,043	43,008



Tuition Fees for Graduate Entering Cohort, 2019-2020 to 2023-2024										
Year 1 Master's/Doctoral Program	2019-2020		2020-2021		2021-2022		2022-2023		2023-2024	
	Domestic (\$)	Visa (\$)	Domestic (\$)	Visa (\$)	Domestic (\$)	Visa (\$)	Domestic (\$)	Visa (\$)	Domestic (\$)	Visa (\$)
Research Based Full-time	7,008	17,096	6,307	17,096	6,307	17,096	6,307	17,096	6,307	17,096
Research Based Part-time	3,504	8,773	3,154	8,733	3,154	8,733	3,154	8,733	3,154	8,733
Course Based Full-time	9,386	23,283	8,447	25,612	8,447	28,173	8,447	30,990.24	8,447	37,498
Course Based Part-time	4,693	11,948	4,224	13,143	4,224	13,143	4,224	15,093	4,224	19,243
MBA <sup>1</sup> Full-time	20,012	38,957	18,011	39,736	18,011	39,736	18,011	42,915	19,361	48,219
MBA Part-time (per course)	2,550	4,870	2,295	4,967	2,295	4,967	2,295	5,364	2,467	6,027
UNENE <sup>2</sup> (per half-course)	2,500	2,500	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250
Master of Communications (per half-course)	4,349	5,259	4,566	5,785	4,349	5,259	4,349	5,259	4,349	5,259
MEEI <sup>3</sup> Full-time	10,800	34,738	9,720	39,000	9,720	39,780	9,720	40,950	9,720	49,550
MEEI Part-time	6,000	16,537	5,400	17,362	5,400	18,230	5,400	18,230	5,400	22,059
MEPP <sup>4</sup> Full-time	10,800	29,100	9,720	33,000	9,720	34,650	9,720	38,115	9,720	46,119
MEPP Part-time	6,000	14,929	5,400	16,137	5,400	16,944	5,400	19,057	5,400	23,060
M Eng Design <sup>5</sup> Full-time	10,800	29,100	9,720	33,000	9,720	34,650	9,720	38,115	9,720	46,119
M Eng Design Part-time	6,000	14,929	5,400	16,137	5,400	16,944	5,400	19,057	5,400	23,060
Occupational Therapy	11,542	43,840	10,388	48,224	10,388	53,046	10,388	58,351	10,388	70,604
Physiotherapy Therapy	11,542	43,840	10,388	48,224	10,388	53,046	10,388	58,351	10,388	70,604

Note 1: MBA = Master of Business Administration  
 Note 2: UNENE = The University Network of Excellence in Nuclear Engineering  
 Note 3: MEEI = Master of Engineering Entrepreneurship and Innovation  
 Note 4: MEPP = Master of Engineering and Public Policy  
 Note 5: M Eng Design = Master of Engineering Design  
 Note 6: UNENE and Master of Communications fees are per half course; MBA full-time is 2 terms; MBA part-time fees are per course; all other program fees are annual (3 terms).  
 Source: USFC Tuition Fee Schedules, approved by the Board of Governors

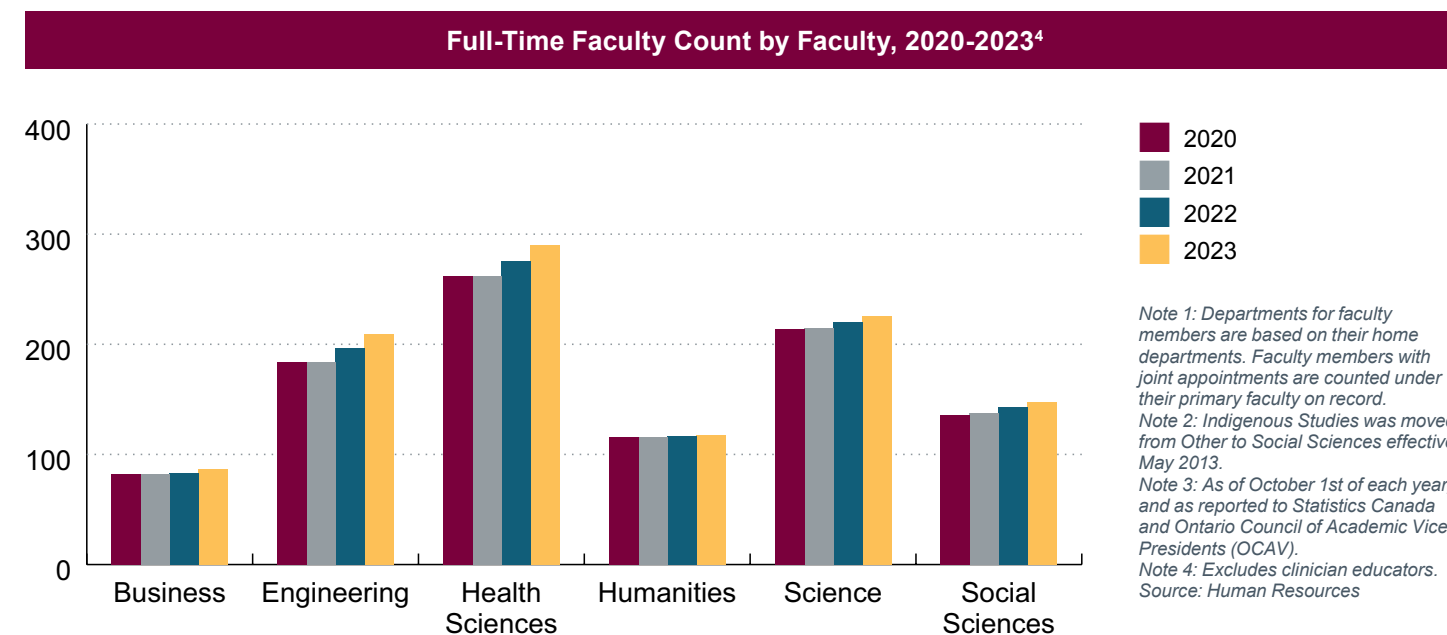


As of Fall 2023, there were 1,078 full-time instructional faculty (excluding clinical educators).

# Faculty

For more information on faculty, please visit: [ira.mcmaster.ca](http://ira.mcmaster.ca)

Full-Time faculty consisted of 431 (41.6%) full professors, 306 (29.5%) associate professors, 292 (28.2%) assistant professors and 7 (0.7%) lecturers.



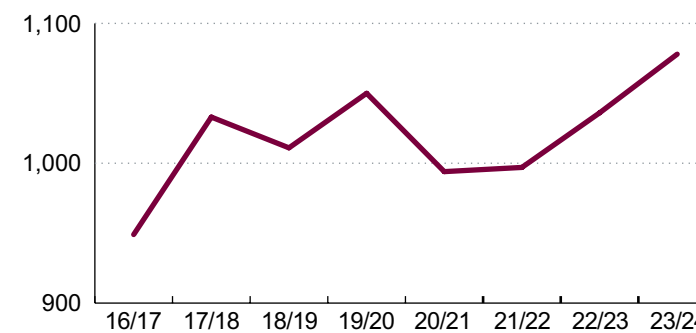


Full-Time Faculty Statistics, 2023-2024								
Rank		Business	Engineering	Humanities	Science	Social Sciences	Health Sciences	University Total
Full Professor	No. in Rank	33	89	43	124	48	104	441
	Average Age	63.5	57.6	59.1	58.3	60.0	61.0	59.4
	Average Years in University	24.4	20.5	21.4	23.0	19.8	23.8	22.3
	% Tenured/Tenure-Track	100.0	98.9	100.0	100.0	100.0	99.0	99.5
Associate Professor	No. in Rank	29	58	47	37	56	100	327
	Average Age	51.2	48.0	52.6	52.4	50.4	49.6	50.3
	Average Years in University	13.9	12.7	15.5	16.6	12.7	12.9	13.7
	% Tenured/Tenure-Track	100.0	91.4	97.9	100.0	96.4	96.0	96.3
Assistant Professor	No. in Rank	24	59	27	64	43	86	303
	Average Age	40.4	39.6	41.0	39.0	42.4	43.9	41.3
	Average Years in University	5.1	6.3	5.5	5.3	7.4	7.1	6.3
	% Tenured/Tenure-Track	66.7	78.0	59.3	84.4	69.8	62.8	71.3
Lecturer	No. in Rank	1	3	1	1	1	0	7
	Average Age							45.6
	Average Years in University							8.4
	% Tenured/Tenure-Track							14.3
Total Faculty	No. in Rank	87	209	118	226	148	290	1078
	Average Age	52.8	49.8	52.2	51.7	51.1	52.0	51.5
	Average Years in University	15.4	14.2	15.3	16.8	13.4	15.1	15.1
	% Tenured/Tenure-Track	90.8	90.0	89.0	95.1	89.2	87.2	90.1

Note 1: No statistics are reported for groups with less than 5 individuals.  
 Note 2: Health Sciences % Tenure/Tenure-Track also includes CAWAR, Permanent Teaching, Teaching-Track and Special appointments.  
 Note 3: As of October 1, 2022 and as reported to Statistics Canada and Ontario Council of Academic Vice-Presidents (OCAV).

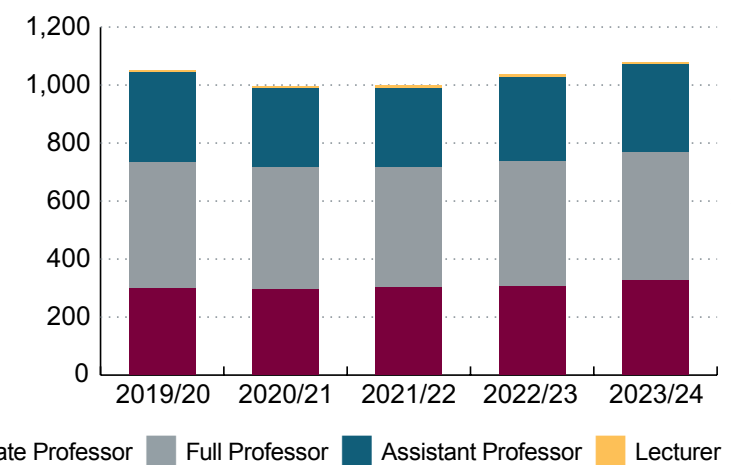


Full-Time Faculty Count, 2016/17 to 2023/24

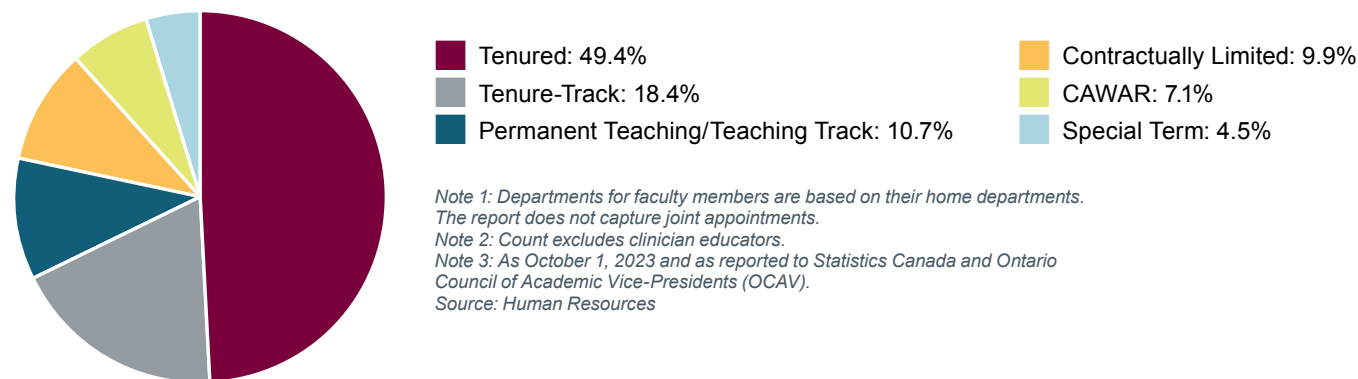


Note 1: Excludes clinician educators.  
 Note 2: As of October 1st of each year and as reported to Statistics Canada and Ontario Council of Academic Vice-Presidents (OCAV)  
 Source: HR Database

Full-Time Faculty Count by Rank, 2019/20 to 2023/24



Full-time faculty Appointment Status, 2023-2024 (n=1078)



Note 1: Departments for faculty members are based on their home departments. The report does not capture joint appointments.  
 Note 2: Count excludes clinician educators.  
 Note 3: As of October 1, 2023 and as reported to Statistics Canada and Ontario Council of Academic Vice-Presidents (OCAV).  
 Source: Human Resources

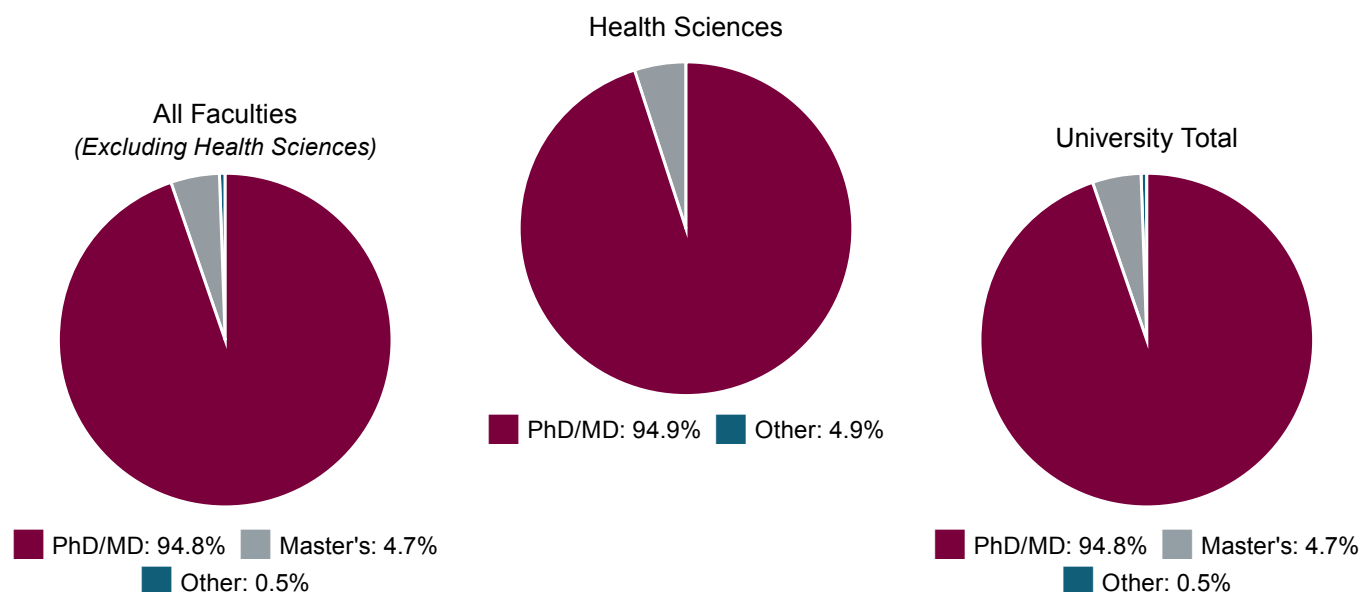
90.1 per cent of full-time faculty are categorized as tenured or tenure-track appointments. (includes Tenured, Tenure-Track, Permanent Teaching, Teaching-Track, CAWAR and Special appointments)

Highest Degree of Full-Time faculty Members, 2023-2024

Faculty	% PhD/MD	% Master's	% Other
Business	90.8	8.0	1.1
Engineering	94.7	5.2	0.0
Humanities	92.3	7.6	0.0
Science	98.7	0.9	0.4
Social Sciences	93.2	5.4	1.3
Sub-total	94.8	4.7	0.5
Health Sciences	94.8	4.8	0.3
University Total	94.8	4.7	0.5

94.3% of full-time faculty members have a PhD or MD.

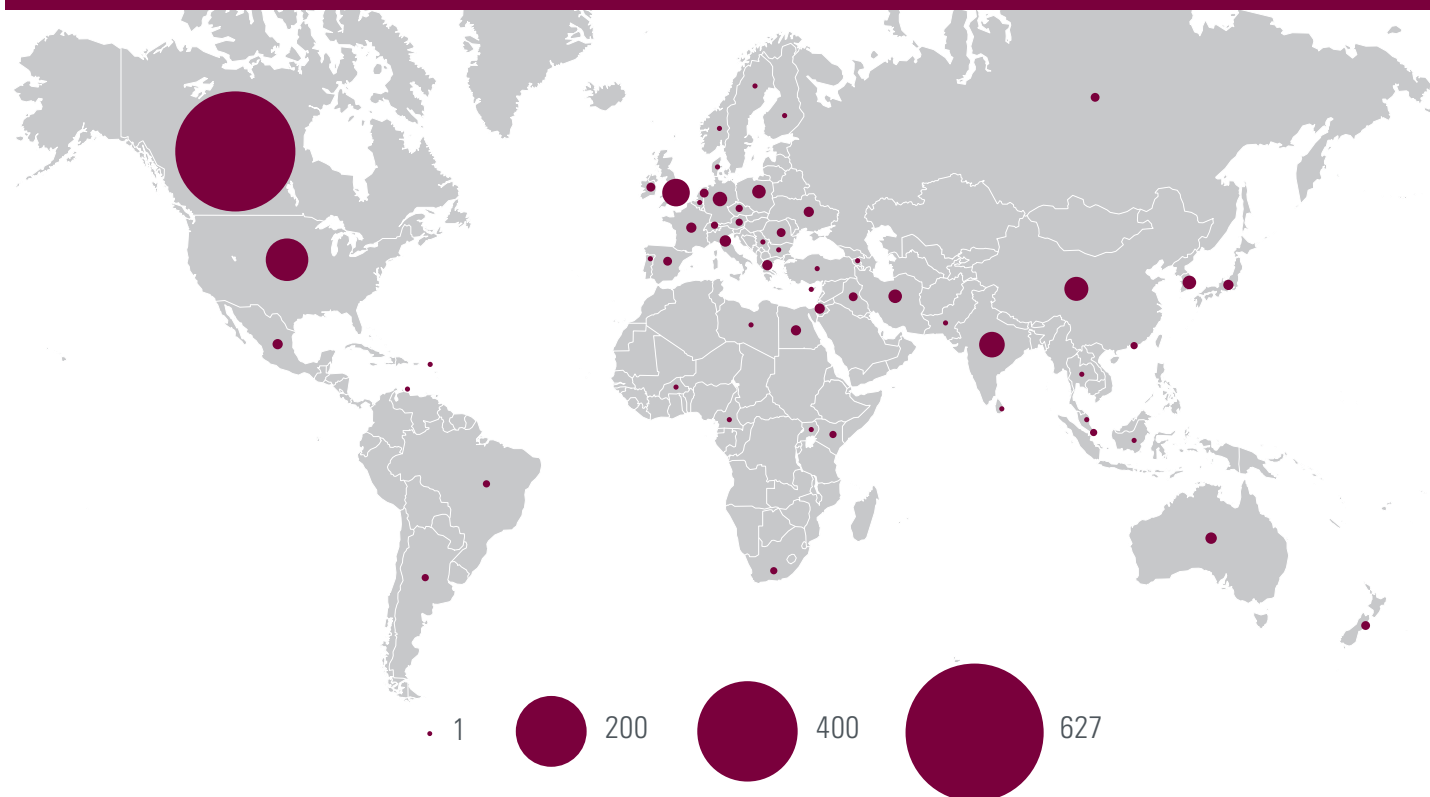
### Highest Degree of Full-Time faculty Members (n=1078)



Note 1: Departments for faculty members are based on their home departments. The report does not capture joint appointments.  
 Note 2: As of October 1, 2023 and as reported to Statistics Canada and Ontario Council of Academic Vice-Presidents (OCAV).  
 Source: Human Resources

40.7% of full-time faculty were Females (Fall 2023), which has been increasing annually over the last 5 years.

### Full-Time Faculty Member by Citizenship, 2023-2024



Note: Number of faculty are ranges of circle sizes. For example, number of faculty between 1 and 199 are circle sizes between the first and second circles in the legend



McMaster's world-class teaching and learning facilities and groundbreaking research are advancing human and societal health and well-being in our local and global communities.

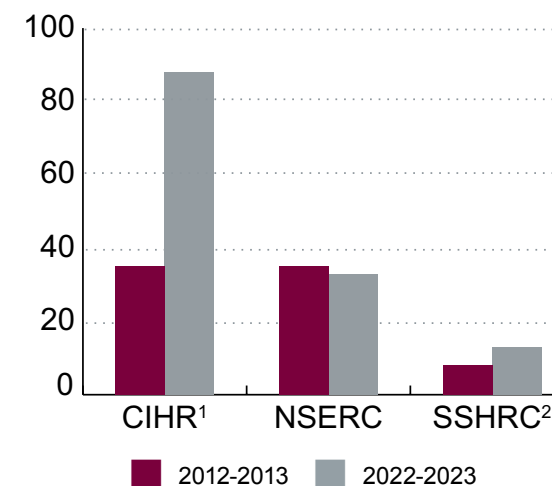
## Research grants

McMaster's total research income for 2022/23 is \$466.0 million, including affiliated hospitals. (Note: 2023/24 amounts were not available at the time of printing.)

Approximately \$134.0 million was received from the Tri-Agencies in 2022/23, including \$88.3 million from Canadian Institutes of Health Research (CIHR), \$33.0 million from Natural Sciences & Engineering Research Council (NSERC) and \$12.7 million from Social Sciences & Humanities Research Council (SSHRC). (Note: 2023/24 amounts were not available at the time of printing.)

For more information on research at McMaster, please visit: [research.mcmaster.ca](https://research.mcmaster.ca)

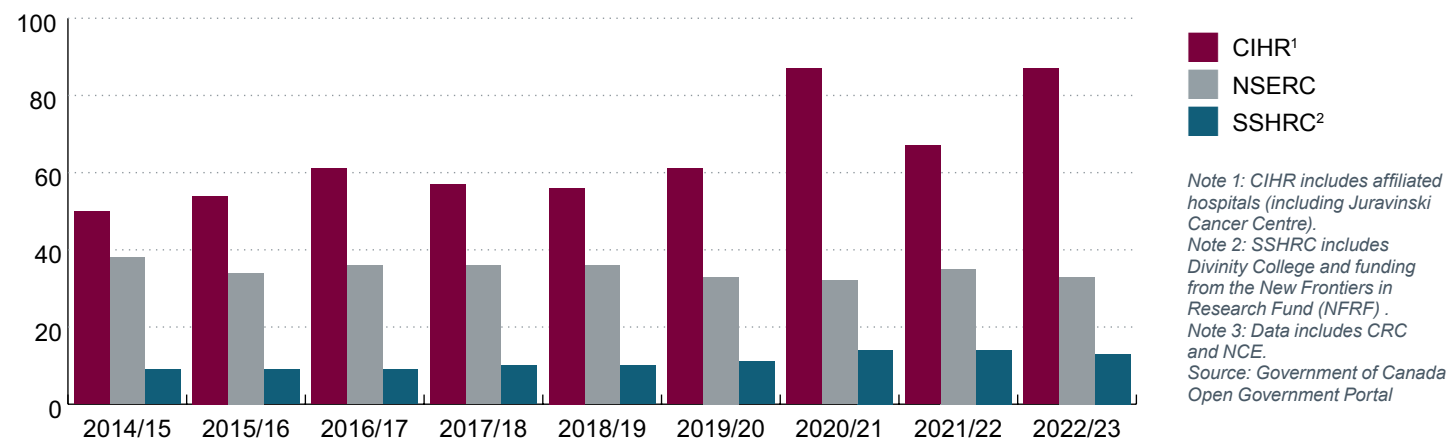
### Tri-Agency Funding (\$), 2012-2013 vs 2022-2023 - \$ millions



Note 1: CIHR includes affiliated hospitals (including Juravinski Cancer Centre).  
 Note 2: SSHRC includes Divinity College and funding from the New Frontiers in Research Fund (NFRF)  
 Note 3: Data includes CRC and NCE.  
 Source: Government of Canada Open Government Portal

- \$8.0 million from the Canada Excellence Research Chairs (CERC) Program. The CERC in Nano-Optical Biosensing and Molecular Diagnostics will build a multidisciplinary research team focused on developing breakthrough biosensing and bioimaging methods with applications in clinical diagnostics, environmental protection and food safety.
- \$2.0 million from the CIHR Team Grants in Lung Health program to study the role of airway mucus occlusions in cough, chronic obstructive pulmonary disease (COPD) and asthma.
- Additional CIHR awards include \$4.0 million for a multinational trial that will examine whether colchicine will reduce complications in patients with peripheral artery disease (PAD); \$2.0 million for a multicentre trial to study a new care pathway for children with pneumonia, which will lead to significantly less antibiotic use; \$1.7 million for a multicentre trial that will compare different concentrations of bicarbonate in dialysis solution to determine if a lower concentration reduces the risk of death and hospitalization and overall improves patient health; \$1.6 million to better understand how lifestyle habits such as ultraprocessed food intake, and excess body fat cause brain fog, and ultimately, dementia.
- \$3.8 million from the National Science Foundation Global Centres – a joint initiative between NSERC, SSHRC, the US National Science Foundation (NSF), Australia's Commonwealth Scientific and Industrial Research Organisation (CSIRO) and UK Research and Innovation (UKRI) to encourage and support international

**Tri-Agency Funding (\$), 2014-2015 to 2022-2023 – \$ millions**



Tri-Agency Funding (\$) <sup>3</sup>									
	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
<b>CIHR<sup>1</sup></b>	50,107,713	55,299,913	61,910,163	57,627,214	56,203,899	59,825,683	86,832,585	67,607,227	88,257,927
<b>NSERC</b>	38,444,093	34,160,786	36,106,699	35,858,817	35,912,000	32,560,718	31,922,179	34,816,728	32,962,603
<b>SSHRC<sup>2</sup></b>	9,200,804	8,585,180	9,308,485	9,930,424	10,402,070	11,265,257	13,741,472	14,254,222	12,742,182
<b>Total</b>	<b>97,752,610</b>	<b>98,045,879</b>	<b>107,325,347</b>	<b>103,416,455</b>	<b>102,517,969</b>	<b>103,651,658</b>	<b>132,496,236</b>	<b>116,678,177</b>	<b>133,962,712</b>

collaborative research on climate change and clean energy. The Global Centre for Understanding Climate Change Impacts on Transboundary Waters will lead research focused on understanding and mitigating water crises in transboundary jurisdictions – areas that encompass or intersect multiple sovereign nations, including those of Indigenous Peoples.

- \$1.7 million from the NSERC Collaborative Research and Training Experience Program (CREATE) for the NSERC CREATE in Medical Protective Equipment and Materials (MedPEM) Training Program, which will provide the Canadian medical personal protective equipment (PPE) sector with the highly qualified personnel it needs to be internationally competitive.
- \$5.7 million for six grants focused on critical minerals research from the NSERC Alliance Missions program. Alliance Missions grants aim to address critical science and technology challenges that can play a pivotal role in Canada's economy. Projects supported by these grants will facilitate collaboration between academic researchers and private-sector, public-sector and/or not-for-profit partners to address challenges facing partner organizations.
- \$4.7 million for three grants from the NSERC Alliance Quantum program. Alliance Quantum grants aim to reinforce, coordinate and scale up Canada's domestic research capabilities in quantum science and technology through partnerships between university researchers and organizations from the private, public or not-for-profit sectors.
- Additional NSERC awards include \$5.0 million from the Alliance Advantage program for a project to develop new designs, methods, and tools to create technologies for the next generation of intelligent electrified vehicle (EV) drive systems; \$2.6 million from the Alliance Advantage program for two

projects to lead research on small modular reactors (SMRs).

- \$2.5 million from SSHRC's Partnership Grant Program for a six-year collaborative project involving 15 academic institutions, eight regional United Way networks and 18 other community partners across six provinces that aims to create 12 campus-community hubs across Canada to connect students and researchers in the social sciences, humanities and arts (SSHA) with community organizations.
- \$976K from the Reconciliation Network in Response to Call to Action 65, a joint initiative between the National Centre for Truth and Reconciliation (NCTR) and SSHRC for Re-Neighbouring as Reconciliation: Indigenous Stories of Resistance, a multi-year project that will explore how residential schools and the forced displacement of Inuit to tuberculosis sanatoriums were both part of the same colonial process of assimilation.
- \$1.5 million from the Tri-agency Institutional Programs Secretariat (TIPS) New Frontiers in Research Fund – International Joint Initiative for Research in Climate Change Adaptation and Mitigation to lead a project that will explore, design, and recommend co-produced climate adaptation strategies. The project aims to reduce socioeconomic vulnerabilities and build resilience for vulnerable climate migrants and host communities across five cities in the Lake Victoria Basin in Africa and the Great Lakes Region in North America: Kampala, Mwanza, Eldoret, Detroit and Hamilton.
- \$6.0 million from the Ontario Ministry of Colleges and Universities (MCU) Ontario Research Fund–Research Excellence (ORF-RE) program for four projects that will: enhance accessibility and therapeutic potency of T cell therapeutics for Ontarians suffering from cancer; support the development and deployment of Small Modular Reactors

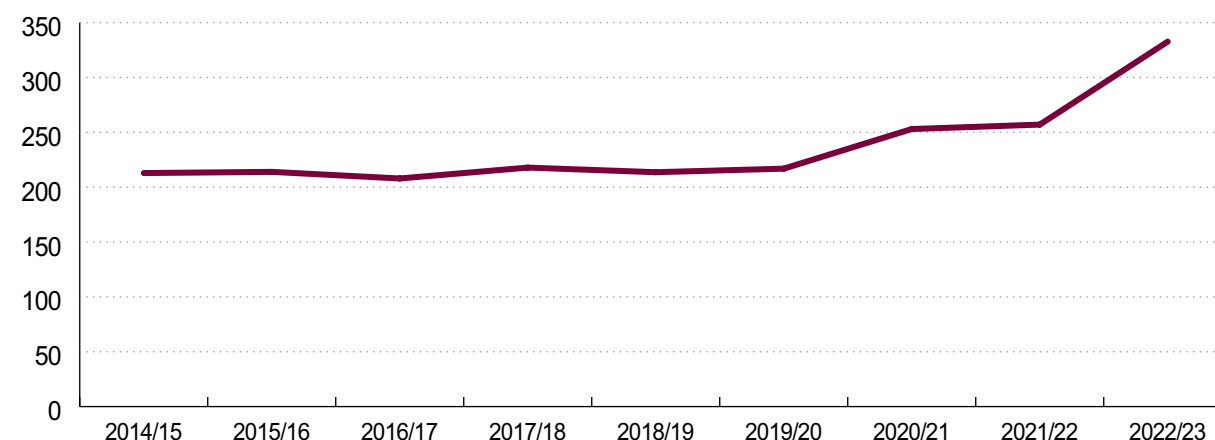
(SMRs), a clean and reliable energy solution to address climate change and regional energy demands; develop and commercialize next generation PPEs; develop a mucoadhesive delivery platform for use in ocular applications.

- \$2.7 million from the MCU Ontario Research Fund–Research Infrastructure (ORF-RI) Large Infrastructure Fund (LIF) for the establishment of a research laboratory for world-class research on transformative new imaging and sensing devices and systems for high-impact applications in health, environment, security and communications, exploiting the emerging millimeter-wave and tera-hertz silicon technologies.
- \$560K from the MCU Early Researcher Awards (ERA) program to support four early-career researchers.
- \$3.0 million from Genome Canada and an additional \$2.0 million from MCU for a project that will use genomic, proteomic, metabolomic and GE3LS (genomics and its ethical, environmental, economic, legal and social aspects) approaches to address technical, economic and social barriers to scaling and commercialization of cell-cultivated meat in Canadian and export markets while minimizing the carbon footprint of production.
- \$2.4 million from Health Canada for Integrating Early Palliative Care into Practice: Testing and evaluating practical tools for providers, patients, and families, which aims to encourage generalist health care providers as well as patients, families,

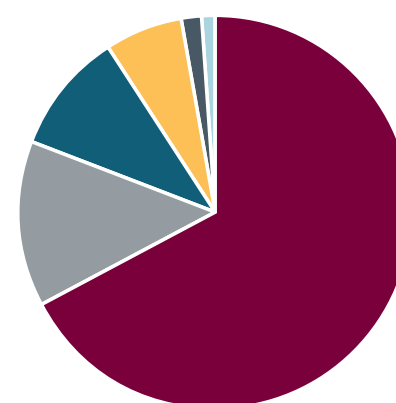
and communities to seek earlier access to palliative care.

- \$2.3 million from Canadian Blood Services to the Canadian Transfusion Trials Group (CTTG), to support the development of a cohesive and diverse transfusion medicine research community across Canada. The pan-Canadian group of physician-investigators, transfusion scientists, students, medical trainees and research staff will address high-impact research questions in transfusion medicine.
- \$1.8 million from the Mitacs Accelerate program in partnership with CCRM and OmniaBio, to develop new methods for the creation of universal white blood cell therapies from healthy donors that can be implanted into cancer patients for treatment, with the ultimate goal of developing low cost methods for producing white blood cell therapies.
- \$4.9 million from Pfizer to study how patients with a common type of blood cancer can safely receive treatment and care at home, with the aim to improve patient care and reduce pressure on Canada's health systems.
- 2023 Brockhouse Canada Prize for Interdisciplinary Research in Science and Engineering for the C20/20 Innovation Hub, recognizing interdisciplinary research excellence and outstanding contributions to ophthalmic discovery.
- 2024 Killam Prize recognizing internationally-renowned research in antimicrobial resistance.

**McMaster Sponsored Research Income – \$ millions (Excluding Affiliated Hospitals), 2014-2015 to 2022-2023**



**McMaster Sponsored Research Income – by Fund – approximately \$333M (Excluding Affiliated Hospitals), 2022-2023**



- Federal: 67.4%
- Corporate: 13.6%
- Not-for-profit: 9.9%
- Provincial/Municipal: 6.4%
- Other: 1.7%
- Foreign: 1.0%

**Acronyms:**  
 CIHR: Canadian Institutes of Health Research  
 ERA: Early Researcher Awards  
 NSERC: Natural Sciences & Engineering Research Council  
 SSHRC: Social Sciences & Humanities Research Council  
 ORF-RE: Ontario Research Fund – Research Excellence  
 ORF-RI: Ontario Research Fund – Research Infrastructure

*Note 1: Breakdown by sector not yet available for 2023/24  
 Source: Canadian Association of University Business Officers (CAUBO).  
 Federal Support includes Tri-Agency awards, as well as funding from the Canadian Foundation for Innovation, Federal Government, Networks of Centres of Excellence, and Canada Research Chairs.  
 Tri-Agency funding is awarded from CIHR, NSERC, and SSHRC.  
 Provincial Funding includes support received from provincial government sources, including but not limited to Ontario Centres of Excellence, and Ontario Research Funds such as, ERA, ORF-RE, ORF-RI, etc.*



McMaster's libraries hold more than 4.4 million titles (all formats) and provide access to more than 2.5 million electronic books.

# Library

McMaster has four libraries on campus: Mills Memorial (Humanities and Social Sciences), Innis (Business), H.G. Thode (Science and Engineering), and the Health Sciences Library. The library also operates the renowned Bertrand Russell Archives. Innis Library, which has been closed during construction, is set to reopen in 2025 on the third floor of the state-of-the-art McLean Centre for Collaborative Discovery. McMaster's libraries hold more than 4.4 million titles (all formats) and provide access to more than 2.5 million electronic books. The libraries also offer a vast collection of online clinical tools to support learning, research and clinical care across the McMaster's distributed campuses and collaborative teaching sites.

For more information on McMaster's libraries, please visit: [library.mcmaster.ca](http://library.mcmaster.ca)

Collections as of July 30th	2019	2020	2021	2022	2023
<b>Collections</b>					
Print Books	1,275,182	1,278,295	1,280,080	1,281,304	1,292,388
E-Books (owned)	671,548	695,054	727,064	1,931,2871	2,156,182
Multimedia (streaming video and audio)	21,197	55,182	64,564	75,017	207,374
Cartographic Materials	139,093	139,186	139,186	139,188	139,198
Music Scores	37,416	40,772	40,806	40,763	43,872
Manuscripts & Archives (linear metre)	5,457	5,484	5,490	5,526	5,002
Data bases	511	687	709	783	764
<b>Journal Subscriptions</b>					
Print	1,205	1,167	1,174	1,142	1,083
Electronic	117,779	123,004	144,955	148,862	162,260

- Diversity, Equity, Inclusivity and Accessibility (DEIA) continue to be a priority at the campus libraries. Each year, additional physical and electronic resources are made available that are focused on supporting DEIA in learning, teaching and research. The libraries also hired their first shared specialist in diversity, equity, inclusion, and accessibility this past year. Working with campus partners, the library presented a vibrant array of author events, book displays and workshops, entitled "Transformative Stories: Year of Gender and Justice", during the 2023-2024 academic year. The Health Sciences Library created new book club kits to lend to faculty and staff with a focus on topics in DEIA. Campus libraries also work to support local and small publishers in the DEIA and Indigenous content space.
- Library spaces are evolving to meet campus needs. The Campus Accessible Tech Space (CATS) at Mills Memorial Library recently reopened to students following a sizeable expansion. A podcast studio and a virtual reality room for McMaster students, faculty, and staff opened in Lyons New Media Centre. Innis, the business library, is being custom designed with the McMaster community in mind as it reopens in a new space in 2025.
- The libraries continue to support McMaster's research enterprise. New open access publishing agreements with select journals from Elsevier, Oxford University Press, Wiley, and PLOS, among others, meant more publishing opportunities for researchers, regardless of their career stage or funding level. The library played a central role in the release of McMaster's first Research Data Management (RDM) Institutional Strategy in 2023, which provides a guiding framework and a growing suite of related services that will support all McMaster researchers in planning for and managing their research data. Meanwhile, the library invested in hiring a full-time, continuing bibliometrics and research impact librarian to work with researchers and staff to develop comprehensive views of research output and impact. The libraries also created a coordinated research impact service this past year.
- The library is also investing time in nurturing partnerships, both on- and off-campus, to foster literacy. It is a proud partner of the Mabel Pugh Taylor Writer in Residence with the Department of English and Cultural Studies and the Hamilton Public Library that invites a well-published Canadian author to mentor creative writers from the university and the Hamilton community. A new initiative this year thanks to a partnership with Hamilton Public Library brought its popular bookmobile to campus to give the McMaster community access to a wider selection of popular reads.

Information Resource Expenditure (\$) as of July 30th					
	2019	2020	2021	2022	2023
<b>Expenditure</b>	<b>13,197,032</b>	<b>14,198,150</b>	<b>15,549,953</b>	<b>14,897,979</b>	<b>16,694,766</b>

Information Resource Expenditure (\$) as of July 30th					
	2019	2020	2021	2022	2023
<b>Staff</b>					
Total Staff FTE	134	136	134	134	136
<b>Services</b>					
Gate Count	2,440,017	2,149,982	N/A <sup>2</sup>	577,374 <sup>3</sup>	1,617,821
Visits to Website	2,404,850	1,820,845	1,580,449	1,663,606	1,816,323
Reference Transactions	21,507	23,171	11,575	12,526	21,255
Library Instruction Sessions/Presentations	296	353	319	448	404
Participants	10,224	14,018	14,383	19,061	16,058

Note 1: Includes all e-books accessible from the catalogue.  
 Note 2: The Libraries were closed for in-person use due to the pandemic.  
 Note 3: The Libraries were closed for significant periods of time in the fall 2021 and winter 2022).

Social Media statistics for 2022-2023 are as follows: 64,434 website views; EMuseum, 35,000 page views; X Followers, 3,377; Facebook Fans, 3,075; Instagram Followers, 4,382; Youtube Channel views, 11,989.



# Museum of Art

The principal role of the McMaster Museum of Art (M(M)A) is to present art, to support the academic mission of McMaster University and to contribute to the art and cultural discourses in Canada.

The Museum contributes research and sector development to the broader Canadian arts milieu through the production of exhibitions, ancillary and public programs, publications, as well as through innovations in museological practice. The Museum partners with faculty across all disciplines to produce research, exhibitions, publications, and educational programs that nurture arts-based practices and ways of knowing. The Museum researches, presents, preserves, cares for, and grows the internationally recognized University art collection.

The Museum contributes directly to the academic mission of the University by providing arts-based education in formal courses (such as The Art of Seeing), through public and education programs (lectures, workshops, panels, and tours), and through hands-on and experiential art and learning opportunities for students of all ages. The M(M)A provides significant community art and cultural development beyond the walls of the museum through community partnerships and learning opportunities. The M(M)A contributes to the broader Canadian arts sector by partnering on projects such as the national Holocaust-era provenance research project, art and curatorial research and exhibitions with colleague institutions, and in contributing to sector discussions around de-colonizing the museum as a cultural institution.

The Museum has produced innovative projects with a range of McMaster University departments including: Psychology; Neuroscience and Behaviour; Physics and Astronomy; English and Cultural Studies; Theatre and Film Studies; and the Indigenous Studies Department. In the community, the Museum produces art projects with cultural institutions and art groups including the Carnegie Gallery, Hamilton Arts Council, Mills Hardware, Protect the Tract Artists Collective and Supercrawl.

The Museum continues to contribute to the development of original research on campus in collaboration with McMaster departments including: Archaeological Sciences Institute and the Department of Medical Physics and Applied Radiation Sciences (on testing protocols for the elemental analysis of coins and works of art); Department of Family Medicine (on development and implementation of visual literacy courses for Health

Care professionals); The Indigenous Studies Department and The McMaster Indigenous Research Institute (MIRI) (on the launch of the MIRI Indigenous Research Primer, September 2023); School of the Arts; Department of Classics (on exhibitions and the classification and identification of antiquities and numismatics); and with campus groups including The Student Wellness Centre and the Advanced Research on Mental Health and Society (ARMS).

In January 2020, the Museum launched its 2020–2025 Strategic Plan. Key among priority goals are disrupting the traditional museological narrative in collection, exhibition, education and public programs. To this end, the Museum's mission statement currently reads: The McMaster Museum of Art is an art and cultural meeting space for both the campus and the community situated within the traditional territories of the Mississauga and Haudenosaunee Nations. The Museum engages, educates and inspires through: growing an awareness of the interconnectivity of the past, present and future; advancing de-colonization; engaging in innovative and imaginative research; dismantling institutional and ideological boundaries; partnering and collaborating intentionally; diversifying the collection; and building capacity. As part of the Museum's commitment to decolonial work, in 2020 the Museum launched its first ever IPOC Artist and Curator Mentorship Program with support from Heritage Canada.

For more information on the Museum of Art, please visit: [museum.mcmaster.ca](https://museum.mcmaster.ca)

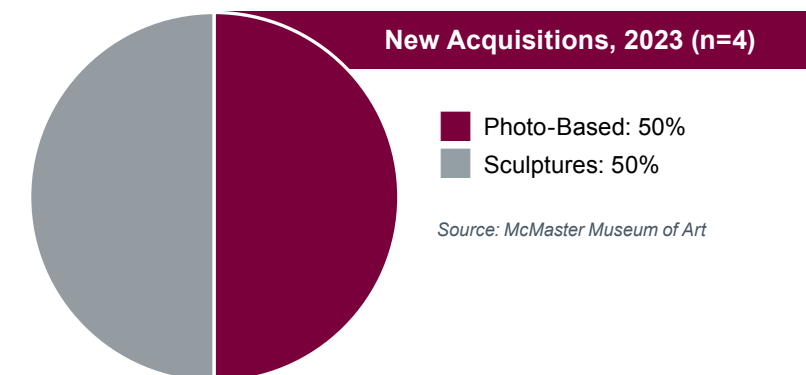
The Museum added 4 pieces of art to its permanent collection in 2023, consisting of 2 sculptures and 2 photographs.

## Collection updates

The Museum added four pieces of art to its permanent collection in 2023, consisting of two sculptures and two photographs. The museum's present focus is the ongoing maintenance of the permanent collection and assessing storage needs for future collection activities.

In 2023, the permanent collection held by the Museum of Art consisted of over seven thousand and five hundred works of art, valued at over one hundred and thirty million. The collection includes works from the following: Canadian Art; Inuit Art and Contemporary Indigenous Art; Impressionist, Post-Impressionist and Modern art; German Art of the 20th century; European Old Master works from the 16th to 18th centuries; and 20th Century European Art.

The museum remains committed to our collecting priority in the continued support of early career, mid-career and established Indigenous artists, artists of Global Africa and the Black diasporas and artists that identify as racialized in Canada through acquisitions and commissions.



## Attendance

There are forty-eight university-affiliated art galleries/museums in Canada. The Museum's attendance numbers – both real and virtual – have consistently ranked amongst the highest in the country. Based on statistics from the University-College Art Gallery Association of Canada's most recent survey, others in the sector count between five thousand and seventeen thousand through the door per year.

The Museum's attendance is notably influenced by operational upgrades, the challenges posed by the COVID-19 pandemic, and the evolving dynamics of audience engagement within the art and cultural sector. As visitors navigate the new landscape of post-pandemic art and cultural experiences, attendance figures are on a steady rebound. For instance, our visitor count rose from twenty thousand in 2021/22 to twenty four thousand in 2022/2023.

Moreover, the significance of the virtual and in-person audiences is growing, reflecting a broader shift toward online programming that has garnered increasing support throughout the sector. The Museum's social media presence has also risen steadily, driven by both these audience trends and proactive efforts in audience development. This trajectory highlights the Museum's resilience and adaptability in a demanding and shifting academic, art and cultural environment.

Social Media statistics for 2022-2023 are as follows: 64,434 website views; EMuseum, 35,000 page views; X Followers, 3,377; Facebook Fans, 3,075; Instagram Followers, 4,382; Youtube Channel views, 11,989.

McMaster University was founded in 1887 and is governed by the McMaster University Act, 1976.



McMaster consistently ranks second in Ontario in THE and Shanghai Rankings.



# Governance

## Current President

- Dr. David Farrar, 8th President (2019 - 2023)

## Current Chancellor

- Santee Smith, 19th chancellor (2019 - 2023)

## Previous Presidents

- 1950\*-1961: George P. Gilmour
- 1961-1972: Henry G. Thode
- 1972-1980: Arthur N. Bourns
- 1980-1990: Alvin A. Lee
- 1990-1995: Geraldine A. Kenney-Wallace
- 1995-2010: Peter J. George
- 2010-2019: Patrick Deane

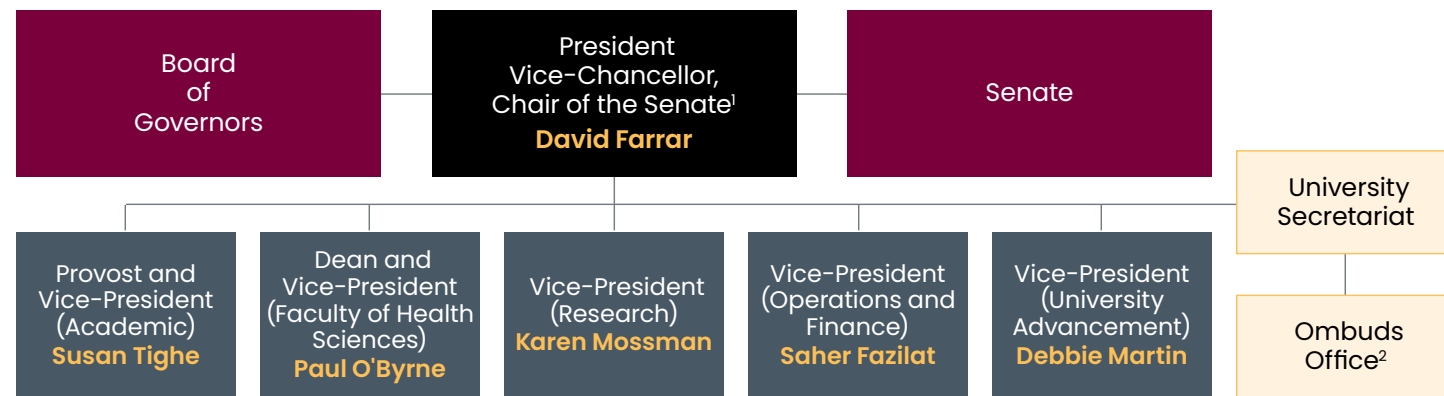
## Previous Chancellors

- 1888-1890: Malcolm MacVicar
- 1890-1892: Chairman Dr. Rand & Dr. Goodspeed while looking for a new Chancellor
- 1892-1895: Theodore Harding Rand
- 1895-1905: Rev. Oates C.S. Wallace
- 1905-1911: Alexander C. McKay
- 1911-1922: Abraham L. McCrimmon
- 1922-1941: Howard P. Whidden

- 1941-1949: George P. Gilmour
- 1949-1950: George P. Gilmour (President and Chancellor)
- 1950-1955: E. Carey Fox
- 1955-1960: Roy L. Kellock
- 1960-1965: Charles P. Fell
- 1965-1971: D. Argue C. Martin
- 1971-1977: Lawrence T. Pennell
- 1977-1986: H. Allan B. Leal
- 1986-1992: John H. Panabaker
- 1992-1998: James H. Taylor
- 1998-2007: Melvin M. Hawkrigg
- 2007-2013: Lynton Ronald (Red) Wilson
- 2013-2019: Suzanne Labarge

\* Please note that from 1888-1949, the head of McMaster was both the President and Chancellor. However, in 1950, McMaster changed its policy and created both a Chancellor and a President (who is also the Vice-Chancellor) position.

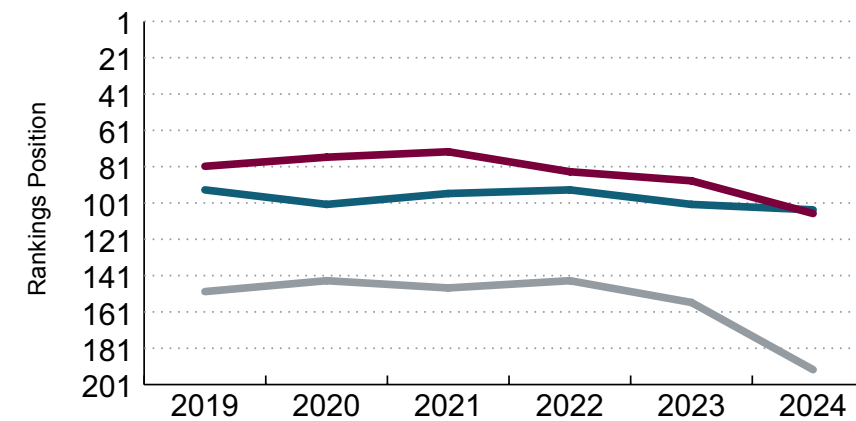
## Organization Chart of McMaster University, 2024



Note 1: The Chancellor is omitted since the President and Vice-Chancellor is designated as the Chief Executive Officer by Bill PR. 7, An Act Respecting McMaster University, passed by the Ontario Legislature on April 13, 1976.  
Note 2: The Ombudsperson reports to the President of the University and the President of the McMaster Students Union.

# Rankings and reputation

## McMaster Rankings

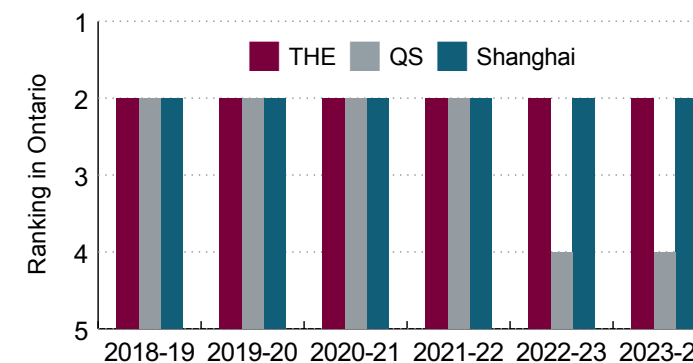


THE  
QS  
Shanghai\*

- Times Higher Education World University Rankings: **103rd in 2024**
- Academic Ranking of World Universities: **101-150 in 2024**
- QS World University Rankings: **189th in 2024**

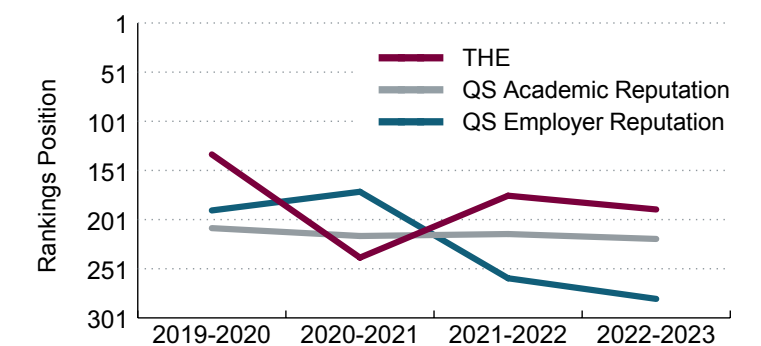
\* McMaster ranked in the 101-150 bin for the Shanghai Ranking, the chart indicates the highest possible ranking in that bin.  
THE: Times Higher Education World University Rankings  
QS: QS World University Rankings  
Shanghai: Shanghai Jiao Tong University's Academic Ranking of World Universities.

## McMaster Rankings in Ontario



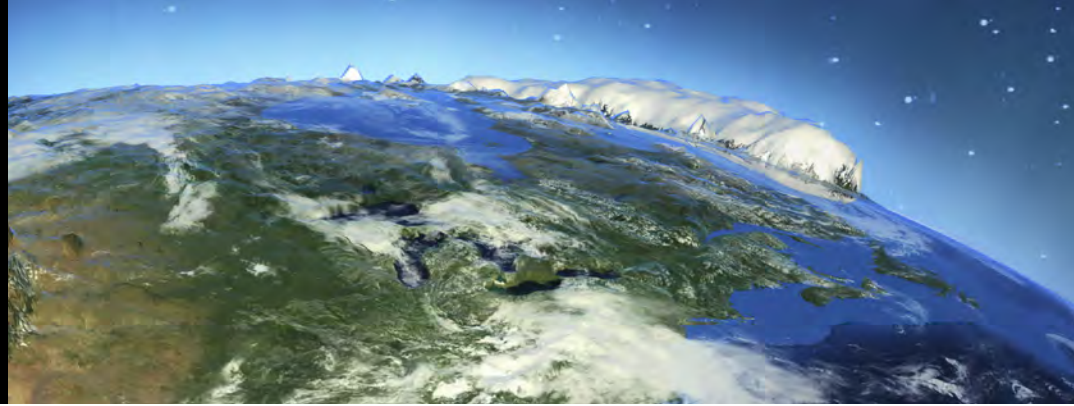
THE: Times Higher Education World University Rankings | QS: QS World University Rankings | Shanghai: Shanghai Jiao Tong University's Academic Ranking of World Universities

## McMaster Reputation Rankings





**30th in the world**  
in this year's Times  
Higher Education Impact  
Rankings, climbing 3  
spots since last year's  
results were announced.



McMaster was named one  
of Hamilton-Niagara's Top  
Employers for 2023.



## THE impact rankings

The United Nations' Sustainable Development Goals (SDGs) challenge academic institutions around the world to come together to end poverty and hunger, reduce inequalities, improve health and education and build a more sustainable world. McMaster has embraced this challenge to work together – across disciplines and Faculties, locally and globally – to create a healthier, brighter world that leaves no one behind. From work on an inhaled COVID-19 vaccine to advocating for accessibility in digital practices, the university is having a direct impact on both local and global communities. McMaster's commitment to embracing change and working together to solve the most complex issues across the globe has earned the university the rank of 30th in the world in this year's Times Higher Education Impact Rankings, climbing 3 spots since last year's results were announced.

These rankings are a global performance metric that assess universities against the United Nations' Sustainable Development Goals. The overall ranking for 2024 included 2,152 universities from 125 countries or regions.



### SDG 3 – Good Health and Wellbeing – 15th globally, 1st in Canada

McMaster University, through several programs and global networks, have formed partnerships with local and global institutions to advance human and societal health. Many initiatives and outreach programs involving McMaster students, faculty and/or staff focus on issues including poverty, disease, education to the community, wellness and the environment. Through a variety of wellness programs and services, sexual and mental health support are also available to McMaster students and staff as part of its strategy for good health and wellbeing.



### SDG 6 – Clean Water and Sanitation – 7th globally, 1st in Canada

McMaster continues to ensure availability and sustainable management of water and sanitation for all. McMaster is the home to the United Nations University – Institute for Water, Environment and Health, and plays a crucial role in resolving water problems and ensuring all have access to this vital resource.



### SDG 9 – Industry, Innovation and Infrastructure – 53rd globally, 4th in Canada

McMaster continued to show its dedication to innovation, the metrics measuring the institutions research on industry and infrastructure. These metrics measure the number of patents and spin-off companies and their research income from industry and commerce.



### SDG 10 – Reduced Inequalities – 35th globally, 2nd in Canada

McMaster University has continued to reduce inequalities through focus in research on social inequalities, by instituting policies on discrimination like the Non-Discriminatory admissions policy, as well as continuing to commit to recruiting staff and students from under-represented groups.



### SDG 17 – Partnership for the Goals – 27th globally, 1st in Canada

McMaster University has actively engaged in policy development, cross-sectoral dialogue and international collaborations and research concerning the SDGs. McMaster's involvements include student volunteer programs, research programs and the development of educational resources.

## Staff

At McMaster, we recognize that our people are our most valuable resource. Our employees are vital contributors to McMaster's renowned culture of creativity, innovation and discovery.

McMaster University offers our staff the opportunity to work alongside leading researchers and our future world leaders, as we help to advance knowledge, find solutions to global challenges and make the world a better place. We provide employees with competitive salaries and benefits that encourage health, well-being and lifelong-learning within a work environment that is safe, respectful and inclusive.

McMaster University provides a collaborative work community, where ongoing networking, information sharing and idea development is strongly encouraged. Numerous committees lead annual events which help to promote a positive work atmosphere and build community. Examples include, ConnectMe events, Inspiring from Within Conference, McMaster Children's Party, Holiday Open House, Ice Cream Social, Take your Kids to Work programming, and numerous department sponsored events. For more information, please visit: [workingatmcmaster.ca](http://workingatmcmaster.ca)

As of April 10, 2024, McMaster University had 5,468 employees  
(excluding McMaster University Faculty, Clinical Faculty and Senior Academic Librarians).

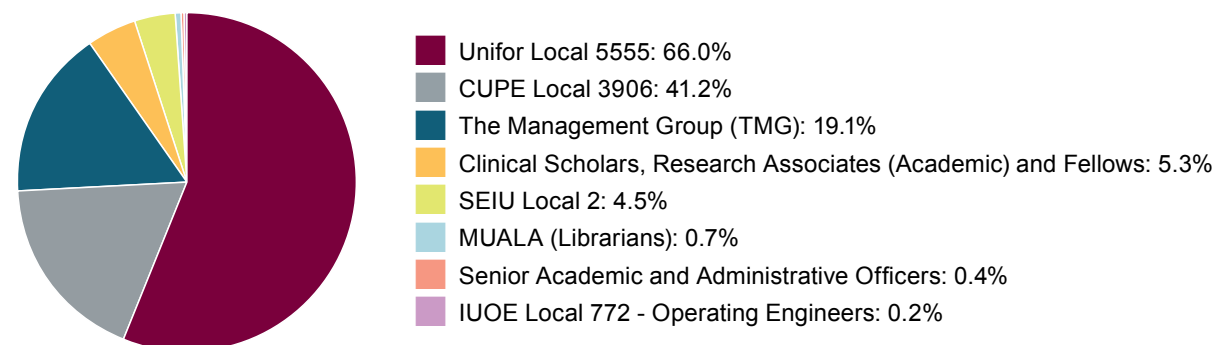
### Hamilton-Niagara's Top Employers for 2023

McMaster University was named one of Hamilton-Niagara's Top Employers for 2023. This was the sixth time that McMaster had submitted an application to this rigorous competition. More than 70 staff members from across all areas of the University – administrative, operational, academic – collaborated on our winning submission. **Hamilton-Niagara's Top Employers** is an annual competition organized by the editors of Canada's Top 100 Employers. This special designation recognizes the Hamilton-Niagara employers that offer exceptional places to work. Employers must complete an extensive application, which includes eight categories: Physical Workplace; Work Atmosphere & Social; Health, Financial & Family Benefits; Vacation & Time Off; Employee Communications; Performance Management; Training & Skills Development; and Community Involvement.

Continuing and Long-Term Contract Employee Count, as of April 10, 2024 <sup>1</sup>	
Employee Groups <sup>2</sup>	Count
<b>Unifor Local 5555:</b>	3,610
Unit 1: Non-Academic Administrative, Professional and Technical	3,240
Unit 3: Parking & Transit	24
Unit 4: Special Constables	29
Unit 5: Operations & Maintenance and Casual Cleaners	317
<b>CUPE Local 3906:</b>	205
Unit 3: Postdoctoral Fellows (Non-HSc)	205
<b>IUOE Local 772:</b>	11
Operating Engineers	11
<b>SEIU Local 2:</b>	244
Hospitality Services and PT Satellite	241
Machinists	3
<b>MUALA (Librarians)</b>	38
<b>The Management Group (TMG)</b>	1,047
<b>Senior Academic and Administrative Officers</b>	24
Senior Academic Officers	5
Senior Administrative Officers	19
<b>Clinical Scholars, Research Associates (Academic) and Fellows</b>	289
<b>Total</b>	<b>5,468</b>

Note 1: Excludes McMaster University Faculty, Clinical Faculty, Sessional Faculty, Teaching Assistants, Senior Academic Librarians and Temporary Staff.  
Source: Human Resources Services via the McMaster BI Dashboard.

### Staff Count by Employee Classification, excluding Temporary, as of April 10, 2024



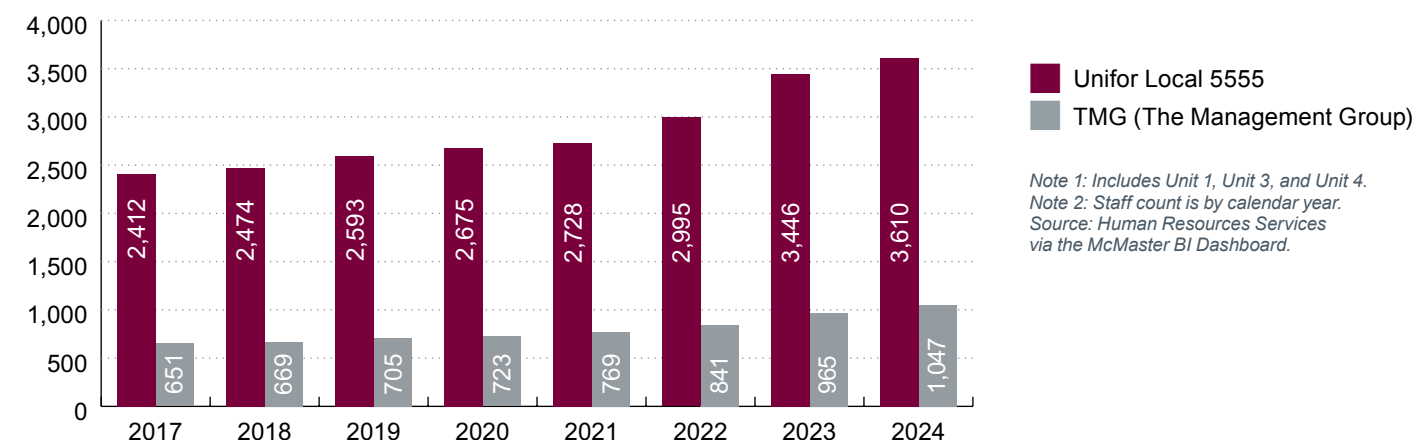
Note 1: Excludes McMaster University Faculty, Clinical Faculty, Temporary/Casual Employees and Senior Academic Librarians.  
Source: Human Resources Services.

The average age of McMaster employees is 43 years. (Excludes McMaster University Faculty, Clinical Faculty and Senior Academic Librarians, CUPE, Temporary Staff, Clinical Scholars, Research Associates and Fellows).

Employee Groups by Years of Service and Age, as of April 10, 2024		
Employee Groups	Average Years of Service	Average Age
<b>Unifor Local 5555:</b>	9	42
Unit 1: Non-Academic Administrative, Professional and Technical	9	42
Unit 3: Parking & Transit	3	29
Unit 4: Security	3	34
Unit 5: Operations & Maintenance and Casual Cleaners	9	47
<b>IUOE Local 772:</b>	6	41
Operating Engineers	6	41
<b>SEIU Local 2:</b>	8	46
Hospitality Services and PT Satellite	8	46
Machinists	7	49
<b>MUALA (Librarians)</b>	10	41
<b>The Management Group (TMG)</b>	10	44
<b>Senior Academic and Administrative Officers</b>	16	57
Senior Academic Officers	19	62
Senior Administrative Officers	15	56
<b>Total</b>	<b>9</b>	<b>43</b>

Note 1: Excludes McMaster University Faculty, Clinical Faculty and Senior Academic Librarians, CUPE, Temporary Staff, Clinical Scholars, Research Associates and Fellows.  
Source: Human Resources Services via the McMaster BI Dashboard.

### Staffing Complement for Unifor<sup>1</sup> and TMG, April 2017-2024<sup>2,3</sup>



Note 1: Includes Unit 1, Unit 3, and Unit 4.  
Note 2: Staff count is by calendar year.  
Source: Human Resources Services via the McMaster BI Dashboard.

### Employees Attaining Long Service Milestones in 2024 Long Service Milestones (n=444)



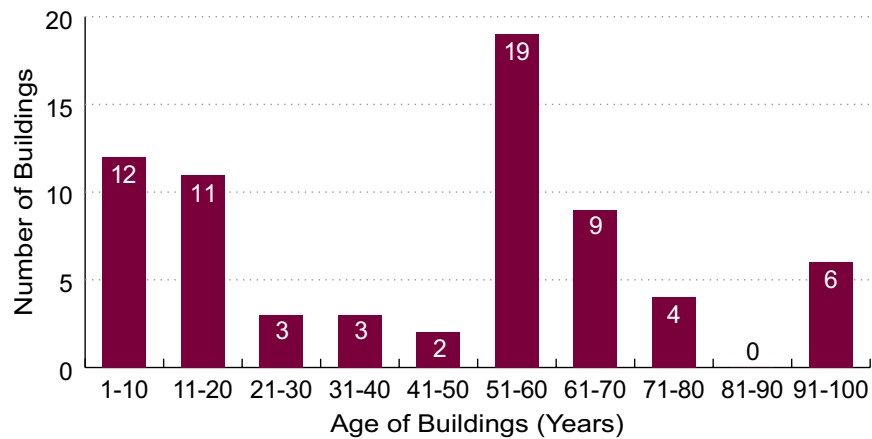
Total gross area of buildings on-campus amounts to 695,263 m<sup>2</sup>. McMaster devotes most space to the Teaching and Research category (58%).



# Campus facilities

McMaster's main campus is located near the west end of Lake Ontario and is within a short distance of Cootes Paradise, Bruce Trail, Niagara Escarpment, Waterfront Trail, Royal Botanical Gardens, and Hamilton Conservation Authority. McMaster's campus encompasses an area that is 152.4 hectares. For more information on McMaster space, please visit: [facilities.mcmaster.ca](http://facilities.mcmaster.ca)

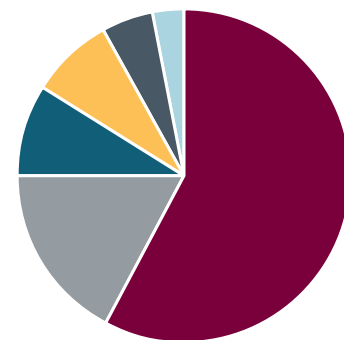
Number of Buildings by Age



Categories included in Teaching and Research: Classroom Facilities, Academic Departmental Offices & Related, Health Science Clinical Facilities, Central Services, Audio-Visual/Television Facilities, Animal Space, Laboratory – Instructional, Laboratory – Research.

Categories included in Student Services: Recreation/Athletic Space, Food Service, Bookstore and other Merchandising Facilities, Health Service Facilities  
 Categories included in Miscellaneous: Plant Maintenance, Assembly and Exhibition Facilities, Common Use and Student Activity, Other University Facilities.  
 Source: Space Database

Assigned Space (Total = 436,909 NASM)



- Teaching and Research: 58%
- Residence: 17%
- Student Services: 9%
- Libraries: 8%
- Administration: 5%
- Miscellaneous: 3%

The approved Campus Accessibility Action Plan (CAAP) now invests \$337,000 annually for accessibility-related improvements to McMaster buildings. The CAAP Phase 1 ran from 2012-2013 through to 2016-2017. Phase 2 of CAAP (2018-2023) is underway.

McMaster University Significant Facilities

Building Name <sup>1</sup>	Primary Usage	Year <sup>3</sup>	Net Area (Sq.M.) <sup>1</sup>	No. of Rooms
University Hall	Administration	1929	3,639	187
Hamilton Hall	Teaching and Research	1929	3,738	160
Refectory	Hospitality	1929	1,517	92
Edwards Hall Residence	Residence	1929	1,930	226
Wallingford Hall Residence	Residence	1929	1,835	177
Alumni House	Administration	1929	487	46
Alumni Memorial Hall	Hospitality	1949	1,070	49
Nuclear Research Building	Teaching and Research	1950	4,967	262
Mills Memorial Library	Library	1950	19,368	435
C.E. Burke Science Building	Teaching and Research	1953	15,440	438
E.T. Clarke Centre	Central Plant	1954	4,618	99
Nuclear Reactor	Nuclear Research	1957	1,649	56
John Hodgins Engineering Building	Teaching and Research	1958	22,677	694
Divinity College	Teaching and Research	1959	2,445	122
Moulton Hall Residence	Residence	1959	4,807	261
Whidden Hall Residence	Residence	1959	5,563	297
Gilmour Hall	Administration	1959	7,469	297
General Sciences Building	Teaching and Research	1962	4,778	224
Chester New Hall	Teaching and Research	1964	6,824	298
Ivor Wynne Centre	Athletics & Rec	1964	18,835	407
A.N. Bournes Building	Teaching and Research	1968	28,953	776
Matthews Hall Residence	Residence	1964	4,983	310
McKay Hall Residence	Residence	1964	5,618	328
Commons Building	Hospitality	1965	4,662	149
Togo Salmon Hall	Teaching and Research	1965	11,655	423
Biology Greenhouse	Teaching and Research	1967	702	34
Campus Services Building	Administration	1968	4,519	94
Tandem Accelerator Building	Teaching and Research	1966	2,691	96
Applied Dynamics Laboratory	Teaching and Research	1967	1,898	75
Psychology Building	Teaching and Research	1970	7,878	392
Woodstock Hall Residence	Residence	1968	4,982	309
Brandon Hall Residence	Residence	1968	9,200	607
Health Sciences Centre <sup>4</sup>	Healthcare / Teaching and Research	1970	105,338	1244
Kenneth Taylor Hall	Teaching and Research	1971	10,028	450
Life Sciences Building	Teaching and Research	1970	10,124	320
Bates Residence	Residence	1971	13,512	2139
H.G. Thode Library	Library	1976	7,545	97
Communications Research Laboratory	Teaching and Research	1983	2,481	131
Hedden Hall Residence	Residence	1989	8,327	504
M.G. DeGroot School of Business	Teaching and Research	1990	6,131	358
Institute for Applied Health Sciences <sup>4</sup>	Teaching and Research	2000	8,903	241
Information Technology Building	Teaching and Research	1955	10,262	288
Mary E. Keyes Residence	Residence	2002	11,261	1086
McMaster University Student Centre	Student Services / Conference	2002	11,244	364
M.G. DeGroot Centre for Learning and Discovery	Teaching and Research	2004	24,970	585
Les Prince Hall Residence	Residence	2006	8,239	634
David Braley Athletic Centre	Athletics & Rec	2007	23,174	204

Ron V. Joyce Stadium	Athletics & Rec	2008	3,719	90
Engineering Technology Building (Ron Joyce Centre)	Teaching and Research	2009	7,920	323
(MIP McMaster Automotive Research Centre) <sup>4</sup>	Teaching and Research	2010	7,920	264
(MIP Atrium Building) <sup>4</sup>	Mixed-Use Workspace	2009	10,550	24
L.R. Wilson Hall	Teaching and Research	2016	15,025	487
88 Forsyth Ave. N (Bertrand Russell Archives and Research Centre) <sup>5</sup>	Archives / Research	2015	374	33
(David Braley Health Sciences Centre) <sup>4</sup>	Healthcare	2015	20,902	549
(One James North) <sup>5</sup>	Administration / Continuing Education	2015	4,430	204
47 Whitton Rd <sup>5</sup>		2015	303	29
182 Sterling Street <sup>5</sup>		2015	300	35
Peter George Centre for Living and Learning (Halton McMaster Family Health Centre) <sup>5</sup>	Teaching / Residence Healthcare	2019 2013	25,739 791	1141 57
Canadian Martyrs CES Testing/ Exam Centre (Leased) <sup>5</sup>		2016	624	
Cairns Research Complex (Leased) <sup>5</sup>		2012	841	
96 Forsyth Avenue North <sup>5</sup>		2017	310	39
106 Forsyth Avenue North <sup>5</sup>		2018	261	39
132 Mayfair Cres <sup>5</sup>		2019	385	47
8 Mayfair Cres <sup>5</sup>		2019	401	37
36 Mayfair Cres <sup>5</sup>		2023	406	34
T13 (Prelim. Lab)	Teaching	1967	2,024	45
T26 (Multi-Use Temp. Building)	Hospitality Services	1989	184	8
(Stonechurch Family Health Centre) <sup>5</sup>	Healthcare	2017	2,711	59
T32 (Temp. Portables, Parking Services)	Administration	2013	500	14
T33 (Temp. Portables)	McMaster Children's Centre	2013	631	25
T34 (Temp. Lecture Theatre)	Media Production Services	2019	425	10
180 Bloor St. (Toronto)		2023	754	
Integrated Health Building (Waterloo)		2023	4,275	
<b>TOTAL NET AREA<sup>3</sup> (SQ.M)</b>			<b>600,988</b>	
<b>TOTAL GROSS AREA<sup>2</sup> (SQ.M)</b>			<b>716,652</b>	

Note 1: Building Names noted in parentheses indicate that a building is located off-site (i.e. not part of the 1280 Main St. West campus)  
 Note 2: Gross Area is the total area of a building, measured in square meters, including floor areas of every level to the outer face of the building envelope  
 Note 3: Net Area is the total useable floor area within a building and includes both assignable areas (i.e. classrooms, labs, offices, etc.) and non-assignable areas (i.e. utility space, circulation, etc.)

Note 4: The Net Area and No. of Rooms of this building include only space occupied by the University as the building is shared with non-university tenants  
 Note 5: The Year of this building indicates the year the building was acquired or leased rather than the year it was built; these are excluded from the Number of Buildings by Age graph

- In partnership with Knightstone Capital, the new Graduate Residence at 10 Bay St. supports student recruitment and retention and will also further enhance the student experience at McMaster. A total of 630 new graduate student beds and 265 parking spaces will be housed in a 30-storey building located in downtown Hamilton. This project's integrated parking structure has been designed to meet the needs of the building and provide public parking in the downtown core. The building has received full occupancy in spring of 2024 with deficiency cleanup and total completion scheduled for end of summer 2024.
- The McLean Centre for Collaborative Discovery (DSB Expansion) is a \$128.56 million project when complete, will create a new 10-storey building on McMaster campus, measuring approximately 176,620 sf that will support and enhance learning experiences for graduate and undergraduate students and create a space for collaborative learning for the Faculty of Business. The fourth floor will be assigned to several components of the One Stop Shop original project, including the Registrar's Office, Student Services, Aid and Awards, Systems and Records, Scheduling and Exams and Communications. The fifth floor will be assigned to the Faculty of Health Sciences and will house collaborative programs with DSB and FHS, including the Health Leadership Academy, Masters in eHealth, and the Biomedical Discovery and Commercialization program. Completion is anticipated summer of 2025.
- The Green House and Phase One LSB renovation is a \$24.435 million project that involves the addition of a new Greenhouse to the west side of LSB, adjacent to University Ave. and demolition of the existing Greenhouse. This project is Phase 1 of the LSB renewal project and includes renewal of LSB level 1 and interior renovations throughout the building. This project will also include geothermal. Construction was completed in early 2024 and the building received occupancy summer of 2024 and will host its first year of students this coming semester in September 2024.

McMaster University has over 244,000 alumni around the world, as of August 2024.



# Alumni

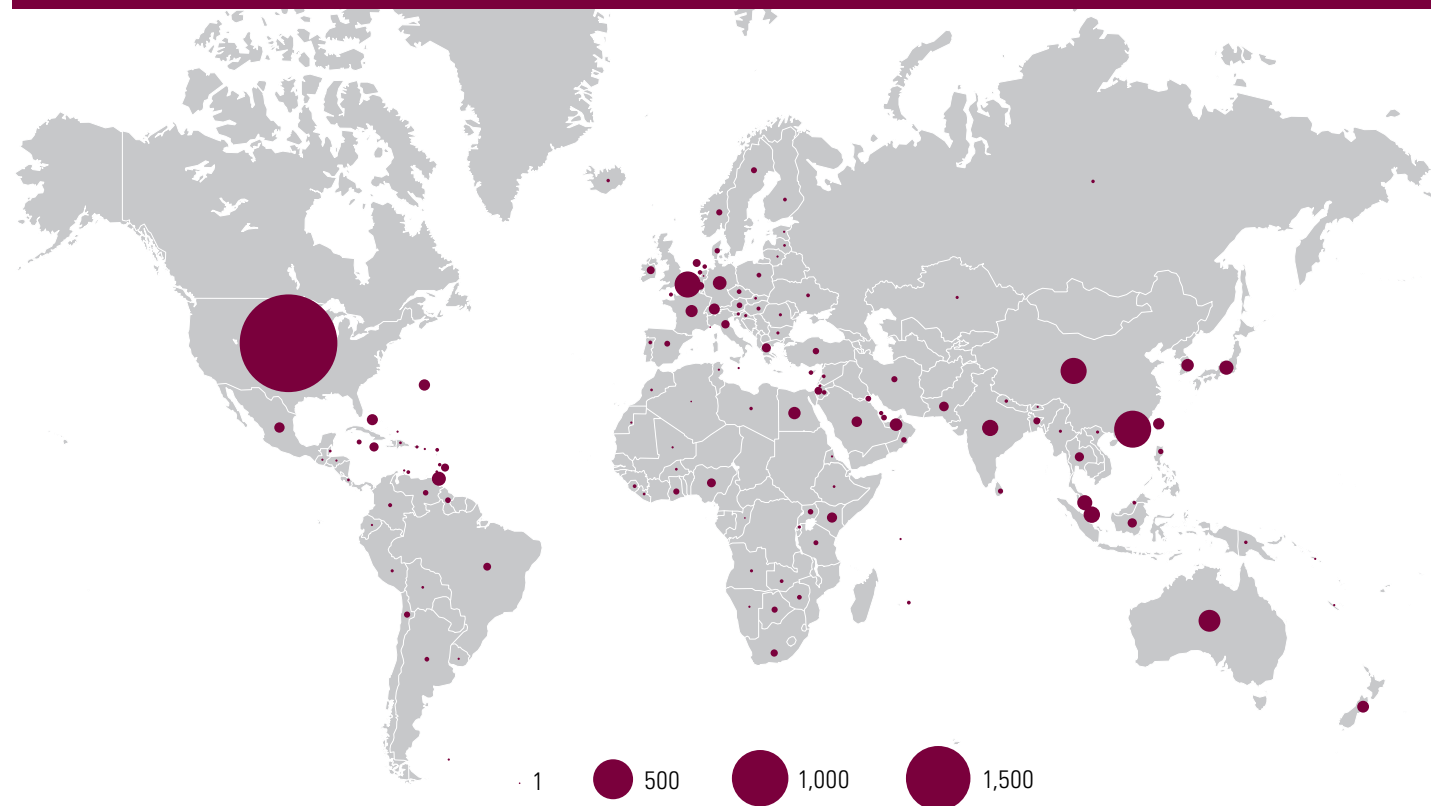
McMaster's alumni numbers continue to grow at a steady rate, and the overall demographic makeup is also changing, with graduates within the last 15 years comprising the largest group. They are tech-savvy and transient – both of which require new and innovative approaches to alumni programming and engagement. More than 6,000 graduates join our alumni community each year.

For more information McMaster alumni, please visit: [alumni.mcmaster.ca](https://alumni.mcmaster.ca)

Total Number of Alumni <sup>1</sup> , as of August, 2024			
Faculty/Area	Active Alumni <sup>2</sup>	Total Living Alumni	Total Alumni
Arts & Science	1,625	1,912	2,167
Business	19,111	23,432	27,204
Continuing Education	7,345	7,887	9,518
Divinity	720	862	1,494
Engineering	23,604	28,298	31,010
Health Sciences	24,766	28,158	31,412
Humanities	18,373	23,134	32,059
Science	36,056	42,726	51,400
Social Sciences	33,309	41,049	55,540
Other <sup>3</sup>	205	274	2,532
<b>Total</b>	<b>165,114</b>	<b>197,732</b>	<b>244,336</b>

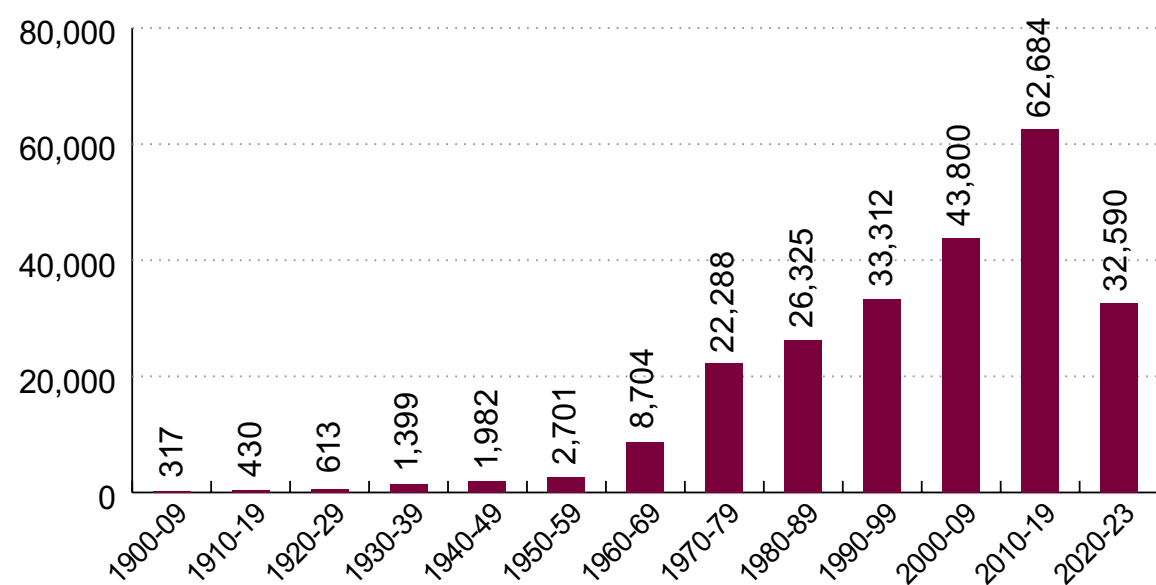
Note 1: Living Alumni includes lost and removed by request  
 Note 2: Active Alumni means known contact information.  
 Note 3: Faculty or program of graduation is unknown.  
 Source: University Advancement

Active International Alumni Residence by Country, as of August 2024



The Alumni mission is to support McMaster by involving alumni, recognizing alumni achievements, providing services and benefits to alumni, communicating with alumni, and involving current students.

Number of Graduates by Decade



**50%**  
of alumni have graduated in the past 20 years.

Active International Alumni Residence by Country, as of August 2024

Country	Alumni	Country	Alumni	Country	Alumni	Country	Alumni
Afghanistan	1	England	473	Ivory Coast	1	Singapore	311
Angola	5	Estonia	1	Malaysia	140	Slovak Republic	3
Antigua	5	Ethiopia	4	Mauritius	6	Slovenia	5
Argentina	9	Falkland Islands	3	Mexico	64	Solomon Islands	1
Aruba	1	Finland	8	Morocco	67	South Africa	30
Australia	312	France	80	Nepal	3	South Korea	103
Austria	15	Germany	121	Netherlands Antilles	6	Spain	20
Azerbaijan	1	Guam	1	New Zealand	82	Sri Lanka	16
Bahamas	66	Ghana	19	Nigeria	50	St. Lucia	4
Bahrain	8	Grand-Duche Du Luxembourg	11	Northern Ireland	16	Swaziland	1
Bangladesh	44	Greece	48	Norway	19	Sweden	21
Barbados	38	Guatemala	1	Oman	18	Switzerland	68
Belgium	35	Guyana	17	Pakistan	70	Taipei	1
Belize	1	Holland	7	Palestine	1	Taiwan	68
Bermuda	70	Honduras	1	Panama	1	Tanzania	13
Bhutan	1	Hong Kong	837	Papua New Guinea	3	Thailand	47
Bolivia	2	Hungary	7	People's Republic of China	1,468	The Netherlands	43
Botswana	23	Iceland	4	Peru	3	Trinidad & Tobago	101
Brazil	31	India	431	Philippines	18	Tunisia	1
British Indian Ocean Territories	2	Indonesia	41	Poland	11	Turkey	29
Brunei	5	Iran	35	Portugal	5	Turks and Caicos Islands	2
Bulgaria	3	Isle-Man	1	Puerto Rico	1	Uganda	14
Burkina Faso	2	Israel	32	Qatar	31	Ukraine	5
Burma	3	Italy	37	Republic of Croatia	3	United Arab Emirates	150
Cayman Islands	15	Jamaica	42	Republic of Ireland	38	United Kingdom	74
Channel Islands	6	Japan	122	Republic of Korea	20	United States of America	6,803
Chile	21	Jordan	12	Romania	5	Uruguay	1
Colombia	15	Kazakhstan	3	Russia	14	Vatican City	1
Costa Rica	3	Kenya	59	Rwanda	3	Venezuela	12
Cyprus	8	Kuwait	15	Saint Kitts & Nevis	2	Vietnam	15
Czech Republic	9	Latvia	3	Saudi Arabia	118	Wales	12
Denmark	13	Lebanon	5	Scotland	61	Western Sahara	1
Dominican Republic	1	Liberia	2	Serbia/Montenegro	7	Zambia	6
Ecuador	1	Libya	5	Seychelles	1	Zimbabwe	9
Egypt	97	Macau	14	Sierra Leone	4	<b>Total</b>	<b>13,725</b>

Source: University Advancement

## Notable Alumni

### Nobel Laureate in Economic Sciences

Myron Scholes

### Nobel Prize in Physics

Donna Strickland

### Rhodes Scholars

Karen Bakker	John Baldwin
Ralph Bellamy	Sheiry Dhillon
Ralph Freeman	Dr. Maureen Hogan
Eric Hoskins	H. Allan Leal
Morden Long	Bert MacKinnon
James H. Taylor	George Rawlyk
Christopher Philip Rose	

### Distinguished Alumni Award Recipients

Salehuddin Ahmed	Richard Bader
Brian Bloom	Leonard Blum
Harold Brathwaite	Martyn Burke
Jan Christilaw	Gordon Clark
Margaret Clark	Douglas Coleman
Patricia Demers	Russell Donnelly
Marianne Ferber	Jaffrey Firestone
Jack Gauldie	Norman Glendenning
William Grant	Martin Green
Anthony Griffiths	Calvin Harley
Marjorie Harris	John Hartman
Paul Hoffman	Eric Hoskins
Maysa Jalbout	Charles Johnston
Chil-Yong Kang	Murray Lang
J. Barry Lord	Kevin Lynch
Anne Martin-Matthews	Les McLean
John Mighton	Roger Mitchell
Heath Munroe-Blum	Samantha Nutt
Howard Petch	Edward Pickering
Gary Purdy	Norman Ryder
William Shaw	Rajendra Singh
John Thomas	Clifford Will
Cecil Yip	Junsen Zhang

### Order of Canada

Lincoln Alexander	Andrew Bandrauk
L. Ross C. Barclay	Gregory Baum
Mohit Bhandari	Harry Black
Darleen Bogart	Roberta Bondar
Peter Calamai	Neena Chappel
Jan Christilaw	Deborah Cook
Gary Dault	Patricia Demers
Thomas Dignan	Alba DiCenso
Laura Dodson	Howard Engle
Arthur Fogel	R. Roy Forster
Jack Gauldie	Meric Gertler
Allan Gillmore	Frank Hawthorne
Clyde Hertzman	Eric Hoskins
Virendra Jha	Harold Johns
Kenneth Kernaghan	Bartha Knoppers
Roslyn Kunin	Mary Law
Eugene Levy	Kevin Lynch
Margaret Lyons	Harriet MacMillan
Patricia Mandy	Anne Martin-Matthews
John Mighton	Heather Munroe-Blum
Samantha Nutt	Jack Pelech
Michael Phillips	Dorothy Pringle
Ivan Reitman	Martin Short
Peter Smith	Richard Splane
Arthur Slutsky	Mary Anne White
Lynn Williams	Red Wilson

Source: University Advancement

Donors have a lasting impact on McMaster researchers, students and our community.

## Donations and gifts

Supporting the pursuit of knowledge by expanding and stewarding private and public support – through a comprehensive range of development programs for donors, that achieve an annual goal of \$85 million in revenue.

Development activity at McMaster supports the strategic priorities set by the University by building meaningful relationships with donors and delivering financial results to the institution.

For more information on donations and gifts, please visit: [alumni.mcmaster.ca](https://alumni.mcmaster.ca)

Total Private Revenue, May 1, 2023 – April 30, 2024

**Goal \$85,000,000**

**New Gifts and Pledges: \$35,802,369**

**Future Gifts: \$20,558,791**

**Other Revenue: \$1,492,970**

**Private Research Grants: \$47,091,558**

**2023–24 Total: \$101,945,688**

The University finished the 2022/23 year with a \$149.6 million surplus (2021/22: \$52.9 million).

Expenses also increased due to inflationary pressures and a full return to on-campus activities.

# Finance

The University finished the 2023/24 year with a \$137.4 million surplus (2022/23: \$149.6 million). The increase in surplus over the prior year was driven by a net investment gain of 8.8%, one-time operating grants, and increased recognition of revenue from research grants and contracts. Tuition revenue from undergraduate international student enrolment declined, caused by continuing national visa issues and graduation of the large pandemic cohort. Expenses increased due to inflationary pressures as cost containment measures were adopted in response to levelling operating revenues.

As part of the consolidated results, the Operating Fund achieved a surplus of \$20.6 million (2022/23: \$34.9 million). The surplus was related to growth in revenue due to various specific purpose grants and revenue from other activities. Expenses were greater due compensation costs from negotiated pay increases and planned recruitment in key areas, as well as inflationary pressures.

For more information on finance, please visit: [financial-affairs.mcmaster.ca](https://financial-affairs.mcmaster.ca)

- McMaster's reputation continues to make the University a destination of choice for international students. Diversity across learners declined slightly to 16.3% (2022/23: 17.3%) international student participation in total enrolment of over 35,000.
- Alternative revenue generation projects underway included public-private partnerships for additional student residences, and support for McMaster Innovation Park's vision and strategy to drive innovation and economic development. The graduate student residence at 10 Bay Street welcomed its first residents in September 2023.
- Research income increased with activities progressing on grants and contracts received in prior years. Research commercialization activities continued as a definitive agreement was signed for the sale of Fusion Pharmaceuticals to AstraZeneca.
- Capital spending on major capital projects included a Peak Shaver and Electric Boiler project to reduce campus carbon dioxide emissions by over 12,000 tonnes annually, the greenhouse and Life Sciences Building renovation, and construction of the McLean Centre for Collaborative Discovery. The Portal building was purchased from McMaster Innovation Park, home to research commercialization companies including Fusion, Triumvira, Enedym, and Eecomobility.
- Excess revenues over expenditures continue to be a result of McMaster's prudent approach to budgeting and financial planning, maintaining a strong credit rating of AA from both Standard and Poors and DBRS. All provincial Financial Accountability Framework metrics were well within the low-risk thresholds for 2023/24. Operating reserves are predominantly held by academic envelopes for strategic initiatives.
- McMaster continues to lead nationally on responsible investment practices with early adoption of climate-related financial reporting. The 2030 goal of reducing weighted average carbon intensity in the Investment Pool by 75% was achieved in 2023/24, six years earlier than originally targeted.

Year ended April 30, 2024 with comparative figures for 2023 (\$ millions)			
<b>Statement of Operations - Audited**</b>	<b>2024</b>	<b>2023</b>	<b>% change</b>
Revenues	1,516.4	1,405.7	7.9%
Expenses	1,379.0	1,256.1	9.8%
<b>Excess of revenues over expenses</b>	<b>137.4</b>	<b>149.6</b>	<b>-8.2%</b>
<b>Statement of Financial Position - Audited**</b>	<b>2024</b>	<b>2023</b>	<b>% change</b>
Assets	4,025.8	3,846.3	4.7%
Liabilities	1,720.1	1,929.3	-10.8%
<b>Net Assets</b>	<b>2,305.7</b>	<b>1,917.0</b>	<b>20.3%</b>
<b>Operating Fund - Unaudited</b>	<b>2024</b>	<b>2023</b>	<b>% change</b>
Sources of revenue	878.6	842.1	4.3%
Net expenditures and transfers	858.0	807.2	6.3%
<b>Net surplus</b>	<b>20.6</b>	<b>34.9</b>	<b>-41.0%</b>
<b>Reconciliation of Operating Fund Results to Audited Statement of Operations above* <i>Not published in 2024</i></b>	<b>2024</b>	<b>2023</b>	<b>% change</b>
Operating Fund net surplus		34.9	-100.0%
<b>Accrual Adjustments:</b>			
Capital expenditures net of amortization		101.6	-100.0%
Investment income (loss) on internal endowments		4.4	-100.0%
Pension and non-pension adjustments		41.8	-100.0%
Other accounting adjustments		(33.1)	100.0%
<b>Excess of revenues over expenses per audited financial statements</b>		<b>149.6</b>	<b>-100.0%</b>

\*\* Audited Statement of Operations and Statement of Financial Position are prepared on a full accrual basis in accordance with Canadian accounting standards for not-for-profit organizations and includes activities of all funds.

Audited Financial Statements are available at: [financial-affairs.mcmaster.ca/resources](https://financial-affairs.mcmaster.ca/resources)

# Definitions and glossary

<b>AUTM</b>	Association of University Technology Managers
<b>CAUBO</b>	Canadian Association of University Business Officers
<b>CGPSS</b>	Canadian Graduate and Professional Student Survey
<b>CIHR</b>	Canadian Institute of Health Research
<b>CIS</b>	Canadian Interuniversity Sport
<b>CSRDE</b>	Consortium for Student Retention Data Exchange
<b>CUDO</b>	Common University Data Ontario
<b>Degrees Awarded</b>	Refers to total degrees conferred at annual June and November convocations.
<b>Fiscal Full-time Equivalent (FFTE)</b>	Based on the undergraduate student unit load as a proportion of the Normal unit load for that specific academic year within a program. The Normal load is determined by the “Required Units” specified in the University Calendar.
<b>Full-time Equivalent (FTE)</b>	Full-time graduate headcount enrolment plus a full-time equivalent of part-time graduate enrolment (0.3 times part-time headcount).
<b>Full-time Undergraduate Students</b>	Students who, for academic purposes, are registered in at least 9 units in a term, including extra courses.
<b>G6</b>	The Ontario universities that are part of the U15.
<b>Graduate Students</b>	Students enrolled in a program of study leading to a graduate degree, certificate or diploma. Also included are those students enrolled in graduate courses but not seeking a graduate degree, certificate or diploma.
<b>Headcount</b>	Represents the number of students enrolled at the University.
<b>International Students</b>	Students studying at the University on a study permit.
<b>MCU</b>	Ministry of Colleges and Universities
<b>NASM</b>	Net Assignable Square Metres
<b>NSERC</b>	Natural Sciences and Engineering Research Council of Canada
<b>NSM</b>	Net Square Metres
<b>NSSE</b>	National Survey of Student Engagement
<b>OSAP</b>	Ontario Student Assistance Program
<b>OUA</b>	Ontario University Athletics
<b>OUAC</b>	Ontario Universities’ Application Centre
<b>OUGS</b>	Ontario University Graduate Survey
<b>Part-time Undergraduate Students</b>	Students who, for academic purposes, are registered in fewer than 9 units in a term, including extra courses.
<b>SSHRC</b>	Social Sciences and Humanities Research Council of Canada
<b>Tri-Agencies</b>	Body of external experts on research ethics established by CIHR, NSERC and SSHRC.
<b>U15</b>	Association of 15 Canadian public research universities.
<b>Undergraduate Students</b>	Students enrolled in a program of study leading to a bachelor’s degree or to the degree Doctor of Medicine. Also included are those students enrolled in undergraduate courses but not seeking an undergraduate degree.
<b>Units</b>	Refer to the number of credits associated with a course. Three-unit courses are usually one term in length. Six-unit courses are usually two terms in length.
<b>USFC</b>	University Student Fees Committee

For faculty appointment types, please refer to McMaster University Revised Policy and Regulations with Respect to Academic Appointment, Tenure and Promotion (2012), found at: [mcmaster.ca/policy](http://mcmaster.ca/policy)

## Land Acknowledgement

McMaster University recognizes and acknowledges that it is located on the traditional territories of the Mississauga and Haudenosaunee nations, and within the lands protected by the “Dish with One Spoon” wampum agreement.



Any revisions to the McMaster Institutional Priorities and Strategic Goals will be reflected in its web version. Please check [president.mcmaster.ca/annual-reports](http://president.mcmaster.ca/annual-reports) for the most up-to-date version.





McMaster University

# Fact book:

2023 | 2024

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