AGENDA

OPEN SESSION

1. Minutes of the Previous Meeting – November 22, 2023 (Open Session) (10:30 a.m.)
   1. University Planning Committee - 22 Nov 2023 - Open Session Minutes

2. Chair's Comments and Update (10:30 a.m.)

3. Business Arising (10:45 a.m.)

4. Report from the Office of the Provost (10:45 a.m.)
   S. Tighe
   Information

5. Other Business
Provost and Vice-President (Academic)

About the Provost

Senior Vice-President • Chief Academic Officer •
Chief Budget Officer • Reports to President and Vice-Chancellor

Responsibilities

• Academic budget, space allocation; strategic planning
• Faculty recruitment, retention and promotion
• Enrolment management
• Attracting and retaining excellent students
• Graduate and undergraduate program development and assessment
• Student life
Agenda

1. About McMaster
2. Areas of Research Focus
3. McMaster By The Numbers
4. Our Faculties
5. Office of the Provost
6. Where we are going
About McMaster

Just Announced
McMaster ranks 78th in the world for Sustainability

Health and Well-Being
McMaster is 1st in Canada and 12th in the world

Industry Impact
McMaster is ranked 1st in the world

Top University
McMaster among 85 top public institutions worldwide
McMaster Alumni

227,028 Graduates

3 Nobel Prize Winners

• Bertram Brockhouse
• Myron Scholes
• Donna Strickland
Areas of Research Focus

**Infectious Diseases**

1. Global Nexus School for Pandemic Prevention & Response
   - Training the next generation of researchers
   - World-class commercialization abilities and wet labs
   - Strengthens Canada as international hub for pandemic preparedness

**Sustainability**

2. Advanced Manufacturing
   - Expertise and cutting-edge facilities to solve manufacturers’ challenges
   - Talent pipeline for students to transition to partner companies

**Inhaled COVID-19 Vaccine**

McMaster-developed inhaled aerosol vaccine entering phase II clinical trials with promising results.
Areas of Research Focus

Planetary health

3. McMaster’s Nuclear Reactor
   • Supplies 60% of world’s I-125 isotopes, used to treat 70,000 cancer patients annually
   • Substantial research in advanced materials, clean energy

4. McMaster Automotive Resource Centre (MARC)
   • One of leading programs in North America in transportation electrification and smart mobility
   • Working with industry to generate research, discoveries

Small Modular Reactors (SMRs)
McMaster exploring SMRs, which are clean, safe, ideal for remote communities and industrial sites. Components pre-manufactured.
Industry & Innovation

• McMaster Industry Liaison Office (MILO) facilitates research collaborations with industry and helps faculty and students convert their innovative ideas into solutions that benefit society and drive economic growth.

• Agreement and business development support to more than 300 external partners that provide $42M+ in research funding.

• Top 24 McMaster-research based startup companies have created 600 jobs and raised $515M in investment.

• McMaster Seed Fund has invested $2.7M in eight startup companies to date.

• Vice President Research Leads

New Course

A course on Fundamentals of Intellectual Property is now available to students, staff and faculty through MILO.
Wilson College

- The Wilson College of Leadership and Civic Engagement will train future leaders to foster, sustain a civic culture for Canada that engages all citizens.

- **Living-learning community**: College will feature a student residence.

- **Programming**: Canada’s only BA and minor in Leadership and Civic Studies.

- **Research**: Researchers and visiting fellows from the public, private sectors

- **Practice**: External activities to expand the impact of the College

- **Leading the public conversation**: Fellows, professors and students to shape discourse on key issues in Canadian public life.

Red Wilson

The College was made possible through a generous gift from McMaster chancellor emeritus L.R. “Red” Wilson
Strategic Reviews

- External reviews provide transparency and accountability. They identify opportunities to innovate and align execution to strategic priorities.

### Completed Reviews

- MacPherson Institute
- Equity and Inclusion Office
- School of Graduate Studies
- Faculty of Engineering
- Budget Model
- Student Accessibility Services

### Upcoming Reviews

- University Library
- Continuing Education
- International Recruitment
- Faculty of Social Sciences

Cross-Campus Consultations

The budget model review included a community consultation attended by more than 100 faculty and staff.
## Our Students

McMaster has 37,537 students

<table>
<thead>
<tr>
<th>Category</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate Students</td>
<td>32K</td>
</tr>
<tr>
<td>Master</td>
<td>5.4K</td>
</tr>
<tr>
<td>International Students</td>
<td>6.6K</td>
</tr>
</tbody>
</table>

### Undergraduate Students
- Full-Time: 30,792
- Part-Time: 1,382

### Graduate Students
- Masters: 3,413
- PhD: 1,789

### International Students
- Undergraduate: 4,977
- Graduate: 1,576
Student Residences

Lincoln Alexander Hall
Construction has begun on McMaster’s largest, most-innovative student residence

10 Bay Residence
McMaster’s first graduate student residence now open, welcoming students
McMaster Faculty

1,036

Full-Time Faculty Members

- 95% hold doctoral degrees
Faculty of Business

Khaled Hassanein
Dean, Faculty of Business

New Strategic Plan: 2023-2028

• Our vision: Open minds, transform lives, build sustainable communities, and contribute to positive change in business and society.

McLean Centre for Collaborative Discovery

• Collaborative space for students, faculty, and industry to engage in experiential learning activities [Winter 2025]

Success Stories

• DeGroote MBA team won 2023 John Molson Case Competition.
• Undergraduate team named school of the year in 2023 Jeux de Commerce Central Competition.
Faculty of Engineering

Heather Sheardown
Dean, Engineering

Innovative programs launched in 2023
• More than 2,500 students completed over 4,000 co-op work terms across the globe in 2022/23.

Top 10 Engineering School in Canada
• 2024 Macleans University Rankings: Engineering Programs
• $46.1 million research revenue in 2022/23

43%
Women in the Fall 2023 undergraduate class
Faculty of Health Sciences

Dina Brooks
Exec. Vice-Dean and AVP, Academic, Health Sciences

Innovative programs launched in 2023
• Bachelor of Health Science in Integrated Rehab & Humanities and Master of Biomedical Innovation.

YouTube Health collaboration
• We are an inaugural participating channel in YouTube Health Canada’s program to provide access to reliable health information from trusted medical experts.

Vaccine Research
McMaster hosted international experts and researchers for the Global Nexus Future of Vaccinology Symposium this fall.
Wilson College launches its inaugural graduate seminar, “Leaders as Thinkers: What does good leadership look like?” in Winter 2024.

Imagining 2080: A Forum on Canada’s Futures
• Hosted by the Future of Canada Project, 150 delegates from the academic, private and non-profit sectors for a three-day conference exploring future-forward thinking, research, innovation and change.

Wilson College of Leadership and Civic Engagement
• Wilson College launches its inaugural graduate seminar, “Leaders as Thinkers: What does good leadership look like?” in Winter 2024.
Faculty of Science

Office of Undergraduate Research Opens

- Meaningful and equitable research opportunities to even greater numbers of undergraduate students across all Departments and Schools.

Industry Professor Mentoring Students

- Start-up founder Darren Burke has joined the Department of Kinesiology as the Faculty of Science’s first industry professor, delivering an entrepreneurship course to 46 students.
Faculty of Social Sciences

New co-op program options

- Three new program options have been launched for undergraduates in Economics, Political Science and Work & Labour Studies.

Indigenous Studies Department

- Graduate programs accepting applications for the 2023/24 academic year.

Jeremiah Hurley
Dean, Social Sciences
Deputy Provost

Matheus Grasselli
Deputy Provost

Task Force on Generative AI

• Exploration of AI’s potential to enhance student engagement, to deepen learning opportunities, and to empower students to contribute to solving the difficult problems we face in society.

• Developed provisional guidelines that have since been adopted by other institutions in the higher education sector.

Melissa Pool
AVP, Academic Planning and Finance

IRA Update

• Institutional Research and Analysis (IRA) is using natural language processing to transform qualitative information, such as surveys, into quantifiable themes.

• This helps facilitate understanding of student course evaluations and key course components for rankings among other uses.
School of Graduate Studies

Steve Hranilovic
Vice-Provost and Dean of Graduate Studies

Task Force on Graduate Student Funding

• Examining issues of affordability and funding challenges for graduate students.
• Championed grad student and postdoc support at House of Commons Committee on Science and Research.

Community of support for grad students & postdocs

• Holistic lens on all areas of the graduate/postdoctoral journey, from application to completion – enhanced administrative services and transition support, additional training/services for program staff and faculty.
• Individualized writing help and career readiness support, specific to graduate student needs.
University Technology Services (UTS)

Gayleen Gray
AVP & Chief Technology Officer

MacHub Launch: Better Student Experience

- Personalized platform for students to contact academic advisors, access university websites, and answers to questions, like how to enroll in courses.

Enhancing Research Support

- The Digital Research Commons Pilot will create a more connected, capable, and researcher-focused approach to digital research support.

Women in Tech

UTS, led by an all-female leadership team, has launched a new Women in Tech series that features inspiring women IT leaders empowering Canadian higher education and research.
Student Affairs (1)

Historic $1.5M Investment in Black Student Success

- RBC Foundation’s gift is the largest ever dedicated to Black student success at McMaster
- Expands capacity for the Black Student Success Centre to support students and ensure they experience a sense of belonging

Opening Soon: Student Hub in DBAC (Partnership with the MSU)

- As part of the David Braley Athletic Centre expansion, the Hub is projected to open by the end of 2023
- Includes 40,000 square feet of space for student life activities
Record-Breaking Student Engagement Numbers

- Student Success Centre experiences unprecedented attendance at student engagement activities
- In 2022-2023, over 46K event registrants and 8.7K one-on-one student appointments

Reinventing Personalized Support and Outreach

- Indigenous Student Services implements a personalized coaching and mentoring model to include one-on-one outreach to 492 Indigenous students

Increased Access to Primary Student Mental Health Care

- Student Wellness Centre introduced same-day access to a counsellor for high-risk students seeking support
- In 2022-2023, over 51K students accessed the clinic in the Student Wellness Centre
Refresh of EDI Strategic Plan

• Process of renewing McMaster’s Equity, Diversity and Inclusion strategic plan that will be a model for peer research intensive universities.

‘It takes all of us’

• Online training module for students launched to foster a culture of consent and sexual violence prevention.
Teaching & Learning

Kim Dej
Vice-Provost,
Teaching and Learning

Interdisciplinary Studies


Community Engagement

- Partnership with Simon Fraser University, the Saskatchewan Indian Institute of Technologies and the University of Montreal to co-host the Carnegie Classification for Community Engagement in Canada.
Podcast studio and VR room

- The virtual reality room has two headsets equipped with a range of educational apps and a screen for casting live experiences.

Opening of ‘hidden’ special collections

- Project makes available descriptions of thousands of recent and historical donations and purchases, with focus on rare and unique printed materials.
Office of International Affairs

Bonny Ibhawoh
Vice-Provost
(International Affairs)

57,066
International Research Collaborations
Number of publications by McMaster researchers and peers in 188 countries between 2018/22.

31
International Initiatives Micro Fund (IIMF)
Number of recipients of seed funding for first-time international research contacts or initiatives.
Exhibitions

• Four exhibitions have ties to McMaster graduates, faculty, and local artist community, along with annual School Of The Arts graduating exhibition SUMMA 2023: Where We Intersect.

Practicing Decoloniality, Visualizing Collaboration

• Continued commitment to decoloniality in research, presentation, interpretation, mentorship, and collections growth.
• Contributed to national and international arts community through collaborative projects, the display of collection works by sister institutions, and nine new acquisitions.
Thank You