Carleton University

Carleton University acknowledges and respects the Algonquin people, traditional custodian of the land on which the Carleton University campus is situated.

Carleton University Senate
Meeting of January 27, 2023 at 2:00 pm
Room 3020 Nicol Building + Zoom videoconference

OPEN SESSION

Minutes

Present in Person: B.A. Bacon (Chair), M. Barbeau, S. Blanchard, A. Bordeleau, D. Brown, S. Burges, W. Chung, E. Cyr, M. DeRosa, D. Deugo, L. Dyke, R. Goubran, T. Haats, K. Hellemans, D. Howe, L. Kostiuk, C. Laurendeau, J. Malloy, M. Murphy, H. Nemiroff, A. North, B. O'Neill, M. Pearson, P. Rankin, T. Roberts, D. Russell, G. Sestini, D. Siddiqi, E. Sloan (Clerk), P. Smith, D. Sprague, K. Taylor, J. Tomberlin, C. Viau,

Present via Zoom: K. Al Hammuri, J. Armstrong, M. Baez, V. Bhatia, F. Brouard, J. Dawson, K. Graham, M. Ilyas, A. Lannon, D. Livingston, M. Lundy, B. MacLeod, L. Marshall, P. Mkandawire, L. Moffitt, K. Moss, J. Murray, B. O'Connor, H. Ozcan, A. Park, J. Ramnarine, M. Rooney, S. Sadaf, J. Taber, J. Wallace, P. Wolff

Regrets: D. Caratao, R. Gorelick, M. Haines, L. Hayes, J. Kovalio, A. Lettieri, M. Sanghani

Absent: H. Becker, B. Campbell, F. Sepanta, C. Smelser, R. Teather

Recording Secretary: K. McKinley

1. **Welcome and Approval of Agenda**

   The Chair called the meeting to order at 2:02 pm and reminded Senators that January 27 is Holocaust Remembrance Day. Carleton will mark the occasion by illuminating the Canal Building in yellow. He also extended a warm welcome to new Senators Anne Bordeleau, Hilary Becker, Sean Burges and Giuseppe Sestini.

It was **MOVED** (J. Malloy, M. Pearson) that Senate approve the agenda for the meeting of Senate on January 27, 2023, as presented.
The motion **PASSED**.

2. **Minutes:** November 25, 2022 (open session)

It was **MOVED** (C. Viau, K. Taylor) that Senate approve the minutes of the open session of the Senate meeting on November 25, 2022 as presented.
The motion **PASSED**.

3. **Matters Arising**
There were none.

4. **Chair's Remarks**
The Chair began by reflecting on the successful return to campus since the Fall of 2022, after two challenging years living with the Covid-19 pandemic. While we have returned to a more normal state of affairs this year, Carleton will continue to monitor the situation closely and will remain in touch with Ottawa Public Health authorities regarding any changes in recommendations moving forward.

The Chair next shared the following Carleton success stories:

- *ReSearch Infosource* has confirmed that Carleton is among Canada's fastest growing research-intensive universities. Carleton's external research income is at $97.4M, an increase of 12.7% since last year, and an increase of 79% over four years. The Chair congratulated all researchers and research teams on this success.
- Following an extensive community-led process, the Board of Governors has approved three new names for campus buildings to reflect Carleton's commitment to Indigenous Reconciliation and our stance against anti-black racism. The new names are the Algonquin *Nideyinàn* for the University Centre; the Inuit *Pigiarvik* for Robertson Hall, and the Wolof/Senegalese *Teraanga Commons*, for the Residence Commons. Official launch events will be announced in the coming months.
- Carleton officially launched its Digital Strategy and Roadmap earlier this month. This initiative is the result of a 2-year collaborative process that included insights and feedback from more than 1,000 faculty, students and staff. The Chair encouraged Senators to review the strategy if they have not already done so.

Finally, the Chair concluded his remarks by noting that a search for Carleton's new Provost and Vice-President Academic will be launched soon. As part of this process, Senate will be holding an election on January 31st for the academic staff and student positions on the Provost Advisory Committee. The list of elected members will be brought to Senate in February for information.

5. **Question Period**

Two questions were submitted in advance.

a) Question from Pamela Wolff:

Is Carleton investigating the implications of ChatGPT on an institutional level, and is there collaboration among P.S. [post-secondary] institutions to consider what impact this sort of technology will have on post-secondary education moving forward?

In response, Provost Jerry Tomberlin and AVP Teaching & Learning David Hornsby acknowledged the challenges this new technology brings for Instructors, particularly with regards to academic integrity. An ad hoc group including Senators, Associate Deans, and others with expertise in this area will convene soon to review this issue. The group will begin with a cross-sector analysis of the approaches taken by other institutions, followed by a series of engagements with the community. The goal will be to produce a set of recommendations and policy suggestions that will provide pedagogical guidance to instructors on this issue, considering both the challenges and the opportunities of this new tool.

b) Question from Hande Uz Ozcan:

According to Carleton University, there are two different Research Fund Payments; RA Type A and RA Type B. Type B is the salary paid, and it counts as work experience because CU Human Resources can provide hours worked. However, Type A is a stipend, which is a fixed payment; it is like a scholarship. Although Type B counts as work experience in applying for Permanent Residency [PR] for international students, Type A does not count as work experience because the university HR does not provide hours since it is a stipend.

Furthermore, international students who want to apply for permanent residency after graduating experience difficulties being eligible for PR if they work under the Type A Research Assistantship. Although they worked for Carleton University as a

RA for years, their work won't count as work experience because it falls under the Type A RAship.

Some students reached out to us and mentioned that they are experiencing difficulties in being eligible to apply for PR because Type A RAship does not count as work experience. We believe helping Carleton students and researchers that are very well educated and trained in their fields to stay in Canada is beneficial to all stakeholders. We wonder how the university can support more international students so they can provide proof that they worked at Carleton as RA to IRCC [Immigration Refugees and Citizenship Canada]?

We know that Carleton University gives huge importance to EDI, and we wonder how this situation impacts EDI Action Plan?

Provost Jerry Tomberlin noted that Type A research funds are essentially scholarships to support graduate students' research. The professor provides mentoring and guidance, but there are no set hours or expected deliverables. For Type B research funds, students are employed to work on a project under their professor, and are accountable for hours and deliverables. CRA regulations stipulate that these two types of funding must be reported in different ways; hours worked cannot be reported for Type A funding.

In a follow-up comment, it was noted that the differences between the two types of funding are not always well understood by students and supervisors, and that occasionally the distinctions between the two may be blurred in actual practice. The Provost noted the issue raised in the question and suggested that moving forward students and researchers be more fully informed about the implications of different types of funding before applying.

6. **Administration**

The Clerk presented a motion to ratify faculty members Sarah Everts (FPA) and Amanda Clarke (FPA) and undergraduate student Mahamed (Moe) Qalinle (FED) as new Senators.

It was **MOVED** (M. Murphy, A. North) that Senate ratify the new Senate appointments, as presented.
The motion **PASSED**.

The Clerk also reminded Senators that the Senate membership renewal process for positions beginning July 1, 2023 will begin in early February. She asked Senators

to inform Senate Office by February 3 if they are planning a sabbatical or other leave for 2023-24 as they will need to relinquish their Senate seat. Any Senator whose term is ending June 30, 2023 can reapply to extend their time on Senate by completing the nomination form which can be found on the Senate website.

In response to a question, it was noted that Contract Instructor nominations and elections are typically held in the late summer and early fall, and not in February. Contract Instructors will only know if they are eligible to serve on Senate (i.e. if they have a contract for 2023-24) after the contracts have been released, which normally occurs in the summer.

7. Reports

a. Senate Committee on Curriculum, Admissions and Studies Policy (SCCASP)

Committee Chair Howard Nemiroff presented 5 items for approval and 4 items for information.

Items for approval:

- R-UG-COOP-Generic Co-op Admission & Continuation Requirements (allows students to participate in program while registered in 1.5 credits per term)
  It was **MOVED** (H. Nemiroff, S. Blanchard) that Senate approves the revisions to Regulation TBD-1748 R-UG-COOP-Generic Co-op Admission and Continuation Requirements, effective for the 2023/24 Undergraduate Calendar as presented.
  The motion **PASSED**.

- COOP Regs – Omnibus Motion (updates and adjustments)
  It was **MOVED** (H. Nemiroff, D. Brown) that Senate approves the revisions to Regulations effective for the 2023/24 Undergraduate Calendar as presented. TB-1749-ANTH, TBD-1582-CGSC, TBD-1755-ENGL, TBD-1757 ENST, TBD-1759-FREN, TBD-1577-HIST, TBD-1581-PSYC, TBD-1764-SOCI, TBD-1569-BAS, TBD-1586-BID, TBD-1587-BIT, TBD-1583-COMS, TBD-1572 ECON, TBD-1574-EURR, TBD-2028-GINS, TBD-1761-LAWS, TBD-1817 MPAD, TBD-1580-PSCI, TBD-1589-PAPM, TBD-1585 R-UG-COOP-B.Eng Adm and Cont Reqs, TBD-1540 R-UG-COOP-BCom
  The motion **PASSED**.

- R-UG-3.2.6 Minimum CGPAs for Continuation (removal of table)
  It was **MOVED** (H. Nemiroff, D. Deugo) that Senate approves the revisions to Regulation TBD 1873 R-UG-3.2.6 Minimum CGPAs for Continuation, effective for the 2023/24 Undergraduate Calendar, as presented.
  The motion **PASSED**.

- R-UG-3.2.5 Assessment in Program Elements (addition of information from 3.2.6 table)
  It was **MOVED** (H. Nemiroff, J. Malloy) that Senate approves the revisions to TBD-1872-R-UG-3.2.5 Assessment in Program Elements, effective for the 2023/24 Undergraduate Calendar, as presented.
  The motion **PASSED**.

- TBD-2094 R-ADM-CMHW (clarifying entrance eligibility requirements)
  It was **MOVED** (H. Nemiroff, P. Rankin) that Senate approves the revisions to Regulation TBD-2094 R-ADM-Cert. in Mental Health and Well-Being, effective for the 2023/24 Undergraduate Calendar, as presented.
  The motion **PASSED**.

Items for Information:

- Schedule-202410 R-UG-Academic Year Winter 2024 change to thesis submission deadline
- UG_G_2324_MinorMods_for_SCCASP_Dec-06
- UG_G_2324_MInorMods_for_SCCASP_Dec-20
- Micro-credentials for Dec 06 2022 – FPA and Science

b. **Senate Quality Assurance and Planning Committee (SQAPC)**
Committee Chair Dwight Deugo presented 3 new program approvals, 2 cyclical reviews, and 15 major modifications for approval, condensed into 3 omnibus motions.

OMNIBUS MOTION – New Programs
It was **MOVED** (D. Deugo, B. Macleod) that Senate approve the New Programs as presented.
The motion **PASSED**.

The Committee Chair noted that two of the three programs in the group are full cost-recovery programs. In response to a question, the Committee Chair clarified that Deans and individual units decide if it would be appropriate to design the program as a cost-recovery one. He noted that it is difficult to change an existing program that is funded via the ministry to make it a cost-recovery program.

Individual motions within the Omnibus:
- MOTION: That Senate approve the *Master of Arts in Human Rights and Social Justice* as presented with effect from Fall 2023
- MOTION: That Senate approve the *Master of Arts in Teaching English as an Additional Language* as presented with effect from Fall 2023.
- MOTION: That Senate approve the *Master of Finance* as presented with effect from Fall 2023.

OMNIBUS MOTION – Cyclical Reviews
It was **MOVED** (D. Deugo, M. DeRosa) that Senate approve the Final Assessment Reports and Executive Summaries arising from the Cyclical Reviews of the programs.
The motion **PASSED**.

Individual motions within the Omnibus:
- MOTION: That Senate approve the Final Assessment Report and Executive Summary arising from the Cyclical Review of the Undergraduate programs in Physics.
- MOTION: That Senate approve the Final Assessment Report and Executive Summary arising from the Cyclical Review of the Undergraduate programs in Biomedical and Electrical Engineering, Communications Engineering, Computer Systems Engineering, and Software Engineering.

OMNIBUS MOTION – Major Modifications
It was **MOVED** (D. Deugo, D. Siddiqi) that Senate approve the major modification as presented.
The motion **PASSED**.

Individual Motions within the Omnibus:
- MOTION: That Senate approve the introduction of the collaborative specialization in Data Science to the MA in Sociology as presented with effect from Fall 2023.

- MOTION: That Senate approve the major modification to the MA program in Sociology with a concentration in Quantitative Methodology, as presented with effect from Fall 2023.
- MOTION: That Senate approve the introduction of the Post-Baccalaureate in Religion and Public Life, as presented with effect from Fall 2023.
- MOTION: That Senate approve the introduction of the BA and BAHons in Indigenous Studies and the major modifications to the BA Combined Honours program in Indigenous Studies, as presented with effect from Fall 2023.
- MOTION: That Senate approve the introduction of RELI 4860 as presented with effect from Fall 2023
- MOTION: That Senate approve the deletion of GINS 3200 as presented with effect from Fall 2023.
- MOTION: That Senate approve the major modification to the BSc Honours program in Computational Biochemistry, the deletion of BIOC4906 and the major modification to BIOC 4907 as presented with effect from Fall 2023.
- MOTION: That Senate approve the major modification to the BSc Honours program in Neuroscience and Mental Health and the introduction of NEUR 4904 as presented with effect from Fall 2023.
- MOTION: That Senate approve the major modification to the BA Combined Hons. In Communication and Media Studies as presented with effect from Fall 2023.
- MOTION: That Senate approve the introduction of LAWS 4907 as presented with effect from Fall 2023.
- MOTION: That Senate approve the major modifications to the MA and PHD programs in Political Science as presented with effect from Fall 2023.
- MOTION: That Senate approve the introduction of the Stream in Investments and the Stream in Corporate Finance as presented with effect from Fall 2023.
- MOTION: That Senate approve the major modification to the Master of Entrepreneurship Technology Innovation Management and the introduction of the Master of Digital Transformation and Entrepreneurship as presented with effect from Fall 2023.
- MOTION: That Senate approve the major modification to the MSC Health: Science Technology and Policy program and the introduction of HLTH 5506 as presented with effect from Fall 2023.
- MOTION: That Senate approve the major modification to the Minor in Latin American and Caribbean Studies as presented with effect from Fall 2023.

c. **Senate Academic Governance Committee (SAGC)**

Committee Chair Elinor Sloan presented a motion for Senate to ratify three new members for various Senate committees:

- Taina Roberts, as undergraduate student representative on the *Senate Executive Committee*
- Tracey Lauriault as faculty member (FPA) on the *Senate Library Committee*
- Daniel Siddiqi as faculty member (FASS) on the *Senate Academic Governance Committee*

It was **MOVED** (M. Barbeau, D. Deugo) that Senate ratify the nominees for Senate committees, for service beginning immediately upon approval.
The motion **PASSED**.

The Committee Chair next presented the results of SAGC's discussion on whether to increase Contract Instructor membership on Senate. Senate had been asked to consider this question by a Contract Instructor on Senate. The question was referred to SAGC for discussion and a recommendation.

SAGC members acknowledged that Contract Instructors are valued and engaged members of Senate, but did not see a compelling reason to increase their representation on Senate. The committee noted that under the Carleton University Act, 50% of Senate must be comprised of full-time faculty members. Adding more Contract Instructors to Senate would upset this balance. Additionally, although many Contract Instructors have longstanding relationships with their departments, the nature of their position at Carleton is temporary and budget dependent, and their future place can never be guaranteed beyond the duration of their contract. For these reasons, SAGC members unanimously agreed that the committee does not recommend adding more Contract Instructor positions on Senate at this time.

d. **Senate Review Committee**

The Senate Review Committee met on January 13th to review and discuss the 2022 Fall Enrolment Report. After their review, the committee sent the Registrar a list of questions to be addressed in the Enrolment Report

Presentation to Senate. These questions were circulated to Senators, along with a copy of the Enrolment Report.

Vice-President Students & Enrolment and University Registrar Suzanne Blanchard presented the Enrolment Report to Senators, including the extra details requested by the Senate Review Committee.

Highlights from the Presentation:
Undergraduate student enrolment has decreased slightly since 2021, notably for new first-year students. This will likely impact undergraduate enrolment numbers in subsequent years as the flow-through for the upper years will be lower. The decrease in enrolment numbers for Fall 2022 was experienced by international students, due to processing issues with student visas.

In comparison with other Ontario universities, the Registrar noted that a few universities, notably McMaster, Queens, University of Toronto and the University of Waterloo, have experienced positive growth in enrolment. This growth is a result of some changes these institutions have made to their admissions criteria for certain programs.

Undergraduate enrolment per Faculty compared to 2019 was down in FASS and FPA, stable in FED and increased in Science (primarily Computer Science) and Business. Softer admissions across the board due to the pandemic combined with the international student issues were contributing factors.

New graduate enrolment overall is flat with an increase in domestic (particularly part-time students) and a decrease in international. Overall Master's and PhD enrolment is up, in part due to changes in the PhD fee structure. One of the main areas of growth in graduate programs is the MBA Online.

A number of steps are planned to ensure continued robust enrolments. A return to in-person recruitment and engagement will provide an opportunity to showcase the on-campus experience at Carleton, and should help to increase our numbers. On the international front, there is reason to be cautiously optimistic as the visa processing issues are resolved.

Additional strategies to increase enrolment have been discussed at SIPC, both short-term and longer term, and the RO will continue to work in collaboration with departments and Faculties to engage with this issue.

The pandemic influence is seen through the increase in STEM and Sprott enrolment, both domestically and internationally, and in the decrease in international enrolment overall, due to visa processing issues.

Discussion:
A Senator asked for more information on how other Ontario universities were able to increase their enrolments. In reply, it was noted that some programs were opened up to admit more students, and that in some cases admission eligibility criteria were changed.

Another Senator asked if the increase in tuition for international students might have been a factor in lower admission rates for these students. The VPSE responded that international student confirmations had increased by 5%, so the primary reason for the ultimate decrease in enrolments was the visa processing issue, and not tuition increases. The Chair added that Carleton is working with Universities Canada to ask the government for rapid action on the visa issue. In response to a related question, the Registrar confirmed that the International Student Services Office (ISSO) has been reaching out to international students to provide constant support and assistance with the visa process.

The Registrar also confirmed that international enrolment from China appears to be slowing, as the Chinese government is stricter on the number of students that can leave the country to study abroad.

In response to another question, the Registrar confirmed that cost-recovery graduate programs were included in the calculations for the report, but that detailed enrolment data on those programs vs. regular graduate programs was not available at this time.

The Chair thanked the VPSE and University Registrar for the fulsome report, and Senators for their interest and engagement.

8. **New Graduate Curriculum Approvals Process Consultation**
   The Provost introduced this item and provided a summary of its progress so far. The Faculty of Graduate and Postdoctoral Affairs (FGPA) has begun a process to reform the governance of graduate curriculum.

FGPA has engaged collaboratively with all Faculties to discuss a new proposed approach to graduate curriculum approvals. As a result of these consultations, FGPA has produced a proposal to give disciplinary Faculties (FASS, FED, FPA, Science, Sprott) a primary role in graduate curriculum approvals.

A briefing note summarizing the principles of this new process was circulated to Senators in advance to inform the consultation.

The Dean of FGPA outlined the major changes that would occur under the proposal. Under the current process, graduate curriculum review is centralized under FGPA, moving from the department to the Graduate Programs and Planning Committee, and to the Graduate Faculty Board. Under the new process, approvals would pass from the department to a disciplinary Faculty Curriculum Committee, then to the disciplinary Faculty Board, before proceeding to Senate via its committees for approval. This new approach has several advantages:

- It would facilitate more meaningful peer-to-peer engagement in developing and planning curriculum.
- It would enhance the autonomy of Faculties in planning and developing their curriculum
- It can promote more interaction and linkages between graduate and undergraduate programs

Discussion:
A Senator asked if allocation of Teaching Assistants (TAs) for graduate programs will remain under the FGPA. The Provost noted that TA budgets have been transferred to Faculties this year. In response to a follow-up question, the Provost clarified that the overall TA budget is negotiated with the Dean of FGPA, the Provost and the VPFA. The allocation to the Faculties is within the purview of FGPA and the Deans are then responsible for strategic distribution at the department level.

In response to a question regarding graduate award funding, the Dean of FGPA noted that because these awards include external scholarships and awards that need to be adjudicated at an institutional level, this file would remain under the control of FGPA.

A Senator asked for clarification on the process for Schools that have their own Faculty Boards, such as the School of Computer Science. The Provost noted that the curriculum approvals would go to the disciplinary Faculty Board (in this case Science) for approval.

A Senator inquired about the timeline for the implementation of the new process. The Provost replied that the goal is to complete the process by the end of 2023, if possible. Next steps will include further consultation with the Deans before bringing the proposal back to Senate in March or April. The disciplinary Faculty Boards also will need to establish processes for graduate approvals which will likely include revisions to their governing documents.

The Chair thanked the Provost and FGPA Dean Smith for the presentation and Senators for the discussion.

9. **Campus Master Plan Consultation**

Vice-President Finance and Administration Lorraine Dyke provided a brief introduction to this item and Nathan Flach and Selam Eyob, representatives from Brook McIlroy (BMI), a consulting firm engaged for the project, were in attendance to assist with the presentation.

The Campus Master Plan establishes a strategic direction for the future development of the campus, including infrastructure, buildings, landscape, traffic flow and movement systems. The plan is refreshed every five years.

The current renewal process was launched in the Spring of 2022, and was followed by a series of extensive consultations with faculty, staff and students, both in person and online. Feedback from these consultations has been summarized into 8 themes and 9 principles to guide future development, plus a series of recommendations for major initiatives. Based on these themes, principles and recommendations, a draft of the current Campus Master Plan has been developed and shared publicly for additional feedback. Themes of sustainability, natural systems, universal design, enhanced accessibility, transportation, landscape design, and urban design all contributed to the development of the plan. The final plan, based on feedback and further revisions will be approved in the spring of 2023.

Nathan Flach, lead architect from Brook McIlroy (BMI), presented a high-level summary of the major recommendations of the current proposed plan under the following 7 areas:

1) Green Ribbon and Geological Time Trail
   - Development of a 4 km green loop and a 4.6 km geological time trail to form an integral open-space network in the core and periphery of campus

- Integration of natural landscape with Indigenous placemaking

2) Transportation Framework
   - Flexible campus streets for both pedestrian and vehicle traffic
   - Newly reinforced campus gateways
   - New bridge connections to surrounding community

3) Campus Avenue and Library Road
   - Campus Avenue: Flexible campus street sharing pedestrian and limited vehicle use such as para-transport
   - Library Road: pedestrian priority street, with limited priority pick-up and drop-off options

4) Tunnel Improvement and Expansion
   - New nodes and open sky-lit access areas to improve wayfinding
   - New lighting and surface treatments to improve aesthetics and acoustics
   - Introduction of natural light at key locations to improve health and well-being and to assist in way-finding

5) Natural Systems
   - Enhancing and developing new areas with connections to water and local ecology
   - Addition of new place-making features such as native plantings

6) Overall Plan
   - Potential new building placement and expansion on campus
   - Encouraging future buildings to face outwards

7) Campus Precinct Plan
   - 3 precincts identified: West, East and North
   - West:
     - Primarily academic and residence focused
     - Plan outlines more informal hangouts and collaborative spaces
     - Mackenzie Atrium Project – new large indoor atrium space enclosed with glass roof and supported by mass timber structure. Functions as main lobby and central social space.
     - Nideyinàn Expansion Project (former University Centre) – open build with open quad in front as notable landmark; new study/social spaces plus rooftop access.

   - East:

- Highly visible growth area
- Integration of stadium seating into new academic ancillary or recreational facility
- Expansion to Fieldhouse, facing University Drive
- Mixed-use transit hub along University Drive

- North:
  - potential for mixed use, leveraging community partnerships to integrate with the city
  - Potential for specialized housing, office space, plus expanded academic/research spaces.

The implementation & phasing strategy of the Campus Master Plan considers both the short term (10 – 15 years) and longer planning horizon (50+ years) for responsible growth of the university campus. Changes proposed in the current plan will take place through several phases extending over many years.

Some short-term opportunities identified include the Green Ribbon, Campus Avenue and Library Road projects, the Transit Hub, Mackenzie Atrium and Nideyinàn Projects. Long-term opportunities include developments in the northern precinct as outlined in the plan. Other projects can be prioritized based on needs and capital funding availability.

Currently, the plan is in the final stages of the consultation phase. Next steps include presentations and consultations with the President's Advisory Group, the Building and Program Committee, and the Board of Governors, with a final version coming to the Board for approval in April of this year.

Discussion:
A Senator asked about on-campus parking, as no parking lots were indicated in the plan. VPFA Lorraine Dyke noted that the long-term needs for parking are not yet known, and will depend on future transit options, work-from-home trends, future hybrid or online course offerings, and other factors. It was noted additionally that the loss of one parking lot every 5 – 7 years usually can be accommodated with spots elsewhere on campus. The plan also has built-in flexibility so that parking can be incorporated into some new buildings if necessary. Accessible parking spaces, notably, will increase according to the plan.

A Senator inquired about athletics facilities on campus and the possibilities of partnering with the city to develop these spaces. The Chair noted that both the Carleton pool and the Brewer Park pool are old and in need of an upgrade.

Carleton has approached the City of Ottawa regarding the development of an aquatics complex that could replace both pools and attract national competitions. The interest is there, and the discussions are ongoing.

BMI representative Nathan Flach was asked to comment on his assessment of Carleton's short-term needs. He responded that a common request made via the consultations was for more flex space, like the Nicol Building Atrium, for the western campus. Others included supporting health and wellness and daily life on campus, and improving wayfinding. In a follow-up question, a Senator asked for clarification on the short-term horizon for new academic buildings. The Chair noted that should we move forward with the Wellness Hub, a complex with academic and research space would be included in that project. Additionally, there has been some design work on a possible new Engineering building.

A Senator inquired about the energy demands for some of the large glass structures in the plan. BMI representative Nathan Flach noted that they are working with a consultant on energy sustainability and that the intent is for every new project to come as close to net zero emissions as possible.

In response to another question, it was noted that two older existing buildings - Loeb and Paterson - will undergo renovations over the next few years, with a focus on the building envelope. A proposal for the Loeb project should be ready by April of this year, and work on Paterson will begin the following year.

A Senator asked about alleviating traffic pressures on existing streets, for both car/bus and pedestrians moving through campus. In response, it was noted that there are opportunities to work with the NCC and the City of Ottawa to find ways to move traffic on and off campus more efficiently, including a possible pedestrian bridge to the Experimental Farm, accessing the campus from the south via pedestrian/bicycle bridge, and also opening access points to NCC areas, such as Colonel By Drive.

A Senator asked for more information on the transit hub, and if there are any short-term solutions for the bus congestion on campus. Nathan Flach responded that a transit hub on University Drive provides, in the long term, an opportunity to create a better system centered on the eastern campus. In the short-term, BMI will continue to work with their traffic consultant to find solutions. A Senator commented that, for safety and efficiency, pedestrian and vehicle traffic should be separated in the plan so that there is little interaction.

The Chair thanked BMI for the update and Senators for their questions and discussion. The Chair reminded Senators that feedback on the Campus Master Plan can be submitted via the online form until February 3rd.

10. Reports for Information

The following reports were circulated in advance for information.
- Senate Executive Committee minutes – November 15, 2022 (meeting) and December 6, 2022 (e-poll)
- COU Academic Colleague Report
- Senate UG Student Awards Committee – New Awards Report

There was no discussion of these items.

The meeting was **ADJOURNED** at 4:03 pm.