



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 April 5, 2024 at 2:00 pm
PK608**

MINUTES

Present in Person: B. Albright-Peakall, M. Barbeau, S. Blanchard, A. Bordeleau, A. Bowker, W. Chung, M. DeRosa, L. Dyke, R. Goubran, K. Graham, T. Haats, N. Hagigi, M. Haines, K. Hellemans, D. Howe, M. Huckvale, L. Kostiuk (Don Russell acting for Kostiuk), A. Lannon, F. Lepore, A. MacDonald, B. MacLeod, L. Madokoro, J. Malloy, L. Marshall, D. Mendeloff, P. Mkandawire, L. Moffitt, R. Nelson, H. Nemiroff, A. North, B. O'Connor, B. O'Neill, P. Rankin, R. Renfroe, S. Seneviratne, D. Siddiqi, E. Sloan (Clerk), P. Smith, D. Sprague, J. Tomberlin (Chair), G. Wainer, J. Wallace, P. Williams

Present via Zoom: E. Abou Zeid, H. Becker, F. Brouard, J.P. Corriveau, S. Everts, S. Hawkins, D. Hornsby, A. Park, M. Rooney, O. Shafiq, C. Smelser, C. Viau, P. Wolff

Regrets: J. Armstrong, H. Babb, M. Baez, B. Campbell, J. Mason, J. Murray, J. Taber

Absent: S. Burges, D. Caratao, A. Clarke, E. Cyr, Y. Gandhi, R. Gorelick, K. Moss, M. Pearson, S. Rajput, M. F. Riazuddin, M. Taghavishavazi, K. Taylor

Recording Secretary: K. McKinley

1. Welcome and Approval of Agenda

The meeting was called to order at 2:01 p.m. The Chair began by noting the passing of two members of the Carleton community: Vincent Mosco, who was a professor in the School of Journalism and Communications and Anand Acharya, former professor in the Department of Economics. The Chair offered condolences to their families and to those who knew and loved them.

The Chair acknowledged the following departing ex officio student members of Senate, whose term ends April 30th: Francesca Lepore, President of CASG, Mohamed "Faris"

Riazudden, CUSA President, Elie Abou Zeid, President of the GSA, and Sahil Rajput, VP Academic of GSA. The Chair thanked them for their service on Senate.

It was **MOVED** (M. Haines, J. Malloy) that Senate approve the agenda for the meeting of Senate on April 5, 2024, as presented.

The motion **PASSED**.

2. Minutes: March 1, 2024 (open session)

It was **MOVED** (L. Dyke, J. Malloy) that Senate approve the minutes of the open session of the Senate meeting on March 1, 2024 as presented.

The motion **PASSED**.

In response to a question from the floor, the Chair noted that votes are not typically counted for each motion, unless the result is not clear, or a request for a counted vote is made.

3. Matters Arising

There were none.

4. Chair's Remarks

The Chair began his remarks with the following highlights:

- Carleton's Therapy Dogs and their handlers were celebrated in March with a Convocation event. Each dog and their handler received a certificate of completion to acknowledge their contributions to Carleton's mental health and wellness services. There are now 17 dogs in the program, offering visits across campus every weekday.
- On March 20th a special event was held to celebrate the national championship victories of the Raven's women's basketball team and Nordic skiing teams. Invited guests from the media and external community were in attendance to help congratulate and celebrate these outstanding athletes. The Chair noted that the Carleton men's and women's basketball teams together have won 20 national championships in 20 years.
- March 22 marked the first day of Ramadan, a holy occasion observed by many within the Carleton community. The Chair wished all who observe this holiday a time of joy, peace and rejuvenation throughout the month.

The Chair provided the following academic highlights:

- The Chair extended congratulations to James Casteel, Robert Coplan, Catherine Cullingham, Francine Darroch, Nafiseh Kahani and Isaac Otchere, all of whom won 2023-24 Faculty Graduate Mentoring Awards.
- The Chair also congratulated the 2024 Achievement Award recipients for their research and teaching excellence. These awards recognize faculty who render exceptional service to students as supervisors and research mentors.
- Steven Cooke from the Department of Biology has earned a place on Clarivate's annual Highly Cited Researchers list for the fourth consecutive year.
- Elie Azar, from the Department of Civil and Environmental Engineering, has been named as the new Canada Research Chair in Sustainable Buildings and Communities at Carleton.
- Paul Kariouk from the Azrieli School of Architecture and Urbanism has won a prestigious Merit Award from the New York Chapter of the American Institute of Architects, for his modern cantilevered lakeside getaway home in Quebec.

In closing, the Chair noted the following recent Carleton events:

- Data Day 10.0 was held on March 26th and was hosted by the Faculty of Science and the Carleton University Institute for Data Science (CUIDS). The theme was The Next Decade for Data Science. The Chair thanked all who made this event possible.
- On March 28, the Office of the Associate Vice-President Indigenous Teaching, learning and Research held a feast for Indigenous faculty and students, hosted by Janelle Niles.

5. Question Period

One question was submitted in advance by Senator Jody Mason.

I'm aware of the importance of creating a safe climate for research and teaching on campus, particularly in the context of rapidly changing geopolitical circumstances. At the same time, the new appointment in the OVPRI, the officer for Research Security Risk, raises some questions that are relevant to Senate's academic concerns. The new appointment will influence the conditions in which research and teaching are carried out at Carleton.

I have two questions related to this point:

- 1. What is the relationship between the Research Security Risk officer and CSIS; how many times do they communicate over a month-long period?*
- 2. How many investigations have been conducted on campus as a result of this new Research Security initiative, and has it led to measures against Carleton faculty?*

Response by the VP Research & International, Rafik Goubran:

There is no relationship between the Research Security Risk Officer at Carleton and CSIS. The Director of Research Security Risk supports researchers in navigating, understanding and complying with the new mandatory federal and provincial research security policies and guidelines. Research applications to agencies like NSERC, MITACS and others now require security attestations and specific forms to be completed. All Canadian universities have hired Directors of Research Security, which are funded by the federal government. CSIS does not have any authority, involvement or influence over that process and the Director has no relationship with CSIS. It is important to note that CSIS has an academic outreach program through which it engages with all Canadian universities via Universities Canada and through information sessions, like the one held at Carleton in February of 2024. There would be periodic communications with CSIS to support such information sessions.

The new research security guidelines are related to external research funding applications, and as a result, the Office of the VP Research & International has not conducted any investigations on campus as a result of these new security measures.

6. Administration

a. Senate Membership Ratifications

The Clerk presented a motion to ratify 5 new faculty members and 7 new undergraduate student Senators for service on Senate beginning July 1, 2024.

It was **MOVED** (N. Hagigi, D. Sprague) that Senate ratify the new Senate appointments, as presented, for service beginning July 1, 2024.

The motion **PASSED**.

b. Update on Committee Nominations

The Clerk reported that on March 1st, the Senate Office released a Call for Nominations for upcoming committee vacancies for service beginning July 1, 2024. The Call closed on March 31st and the Senate Office has received 5 faculty member nominations, 8 undergraduate student nominations and 8 graduate student nominations.

Although the official nomination period has closed, vacancies remain for faculty members on several committees, including the Senate Executive Committee, the Graduate Student Appeal Committee and the Senate Quality Assurance and Planning Committee. Undergraduate vacancies are still available on the Honorary Degrees Committee and the Senate Executive Committee. Interested Senators were encouraged to apply via the Senate website.

The Senate Academic Governance Committee will be reviewing committee nominations at its meeting on April 22, and will bring forward its recommendations to Senate on May 3rd.

c. Call for Participation – Senate Survey

The 7th annual Senate Survey will be live for responses on April 1st, 2024. The survey assists the Senate Office and the Clerk in enhancing the effectiveness of Senate, and is an opportunity for Senators to reflect on their experience and provide feedback. The survey will close on May 1st.

7. Reports

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

Committee Chair Dan Siddiqi presented five items for Senate approval and three items for information.

Business Program Regulations: incorporating graduation pathways for the BAcc.

It was **MOVED** (D. Siddiqi, R. Renfro) that Senate approves the revisions to regulation TBD-1598 R-UG-Business effective for the 2025/26 Undergraduate Calendar as presented.

The motion **PASSED**.

Bachelor of Accounting – New Program Proposal

It was **MOVED** (D. Siddiqi, R. Renfro) that Senate approves the revisions to admission regulation TBD-2249 R-ADM-Program-BAcc effective for the 2025/26 Undergraduate Calendar as presented.

The motion **PASSED**.

Bachelor of Accounting – New Coop Regulations

It was **MOVED** (D. Siddiqi, R. Renfro) that Senate approves the revisions to regulation TBD-1540 R-UG-COOP-BCom BAcc Adm and Cont Requirements effective for the 2025/26 Undergraduate Calendar as presented.

The motion **PASSED**.

Post-Baccalaureate Diploma Cognitive Science – clarification of course selection and residency requirements

It was **MOVED** (D. Siddiqi, A. Bowker) that Senate approves the revisions to regulation TBD-1602 R-ADM-Program-PBD Cognitive Science effective for the 2024/25 Undergraduate Calendar as presented.

The motion **PASSED**.

General Regulations 3 Application for Admission – changes to English language Proficiency section

It was **MOVED** (D. Siddiqi, P. Smith) that Senate approves the revisions to regulation R-GR-ADM R-GR-General Regulations 3 Application for Admission effective for the 2024/25 Graduate Calendar as presented.

The motion **PASSED**.

Items for Information:

- Undergraduate Minor Modifications for March 2024
- Micro-credentials, March 2024
- Graduate Minor Modifications for March 2024

b. Senate Quality Assurance and Planning Committee (SQAPC)

Committee Chair David Hornsby presented one cyclical review and 4 major modifications for Senate approval.

Cyclical Review: Undergraduate and Graduate Programs in Cognitive Science

It was **MOVED** (D. Hornsby, N. Hagigi) that Senate approve the Final Assessment Reports and Executive Summaries arising from the Cyclical Reviews of the programs.

The motion **PASSED**.

Major Modifications:

These were combined into an omnibus motion.

It was **MOVED** (D. Hornsby, M. Huckvale) that Senate approve the major modifications as presented.

The motion **PASSED**.

Individual Motions from the Omnibus:

- MOTION: That Senate approve the name change to the BSc Programs in Interdisciplinary Science and Practice to Integrated Science, as presented with effect from Fall 2025.
- MOTION: That Senate approve the deletion of the Collaborative Specialization in Biostatistics as presented with effect from Fall 2024.
- MOTION: That Senate approve the deletion of the concentrations in International Marketing and Trade; International Strategy and Human Resources Management; and Global Financial Management and Systems from the BIB program as presented with effect from Fall 2024.
- MOTION: That Senate approve the introduction of the Bachelor of Accounting and of BUSI 4020 as presented with effect from Fall 2025.

c. Senate Academic Governance Committee (SAGC)

Committee Chair and Clerk of Senate Elinor Sloan presented a motion to approve proposed changes to the Academic Governance of the University (AGU). Key proposed edits in the document include changes resulting from the FGPA restructuring process, some amendments to Senate membership, and a modification to the term of service on Senate for Contract Instructors, to align with the CI election period which normally occurs in September. A track-change document was circulated in advance, and a summary of key edits was provided in the memo.

It was **MOVED** (E. Sloan, S. Seneviratne) that Senate approve the revised Academic Governance of the University, as presented, and recommend the revised AGU to the Board of Governors for final approval.

Discussion:

In response to a question, the Clerk noted that, in following the recommendations by the Senate Ad Hoc Committee on Graduate Academic Governance, the FGPA Dean will not be replaced by another member on Senate at this time.

A Senator asked whether a change to Senate quorum could be added to the proposed changes to the AGU. The current quorum of 25% is low and could result in meetings being held without representation from faculty members. It was suggested that this issue be discussed in the context of the Senate Rules of Order, which will be brought to Senate within the next few months for discussion.

The motion **PASSED**.

Senators Laura Madokoro and Patrice Smith requested that their abstentions be recorded in the minutes.

d. Senate Executive Committee – Clerk term extension

The Clerk of Senate recused herself from the meeting for this item.

The Chair noted that the Clerk’s 3-year term of service is expiring on June 20, 2024. The Senate Executive Committee is recommending that her term be extended by one year to provide continuity over the next academic year, which will see the installation of a new President and the continued implementation of governance changes as a result of FGPA restructuring.

It was **MOVED** (P. Rankin, R. Goubran) that Senate approve the extension of the term of Clerk of Senate Elinor Sloan for one (1) year, beginning July 1, 2024.

The motion **PASSED**.

The Clerk of Senate returned to the chamber and received a round of applause from Senators.

8. Budget Preview (Provost)

The Provost and VP Academic Pauline Rankin presented a preview of the 2024 Operating Budget for Senate, in anticipation of the full budget presentation at the May 3 Senate meeting.

The Provost reviewed the budget cycle which begins in October with a meeting of the Strategic Integrated Planning Committee, and continues through various committee meetings in the fall and winter until it is presented to the Board of Governors in April for approval, before being communicated to the community.

An environmental scan reveals several pressures on the budget, including international student visa caps and delays, the continuing freeze on domestic tuition, rising capital project costs, the repeal of Bill 124, changes in domestic enrolment patterns, information

technology needs and deferred building and infrastructure maintenance. Opportunities include return to in-person recruitment, reputational enhancement, program innovation and renewal, internally restricted reserves, and some term-limited increases to the operating grant, as a response to the Blue Ribbon Panel report.

The assumptions for revenue are that domestic tuition fees for Ontario residents are fixed and will not increase, but that domestic tuition for out-of-province students will increase, and there could be adjustments for tuition anomaly programs. International student tuition remains an important source of revenue, and the provincial government has outlined modest increases in the operating grant, for a three-year period only.

Expenses will include salaries and benefits related to the end of Bill 124, infrastructure costs, the maintenance of student scholarships, and an increase in general and administrative expenses of 3%.

Undergraduate domestic enrolment intake is projected to rise by 1%, but international enrolment is expected to drop by 25% due to federal government caps on student visas. Graduate intake is anticipated to remain flat domestically and decrease internationally. Retention rates, however, remain strong.

The overall impact of these budget assumptions will be a base expenditure budget cut of 3% for 2024-25. Carleton will run an operating budget deficit in 2024-25. The university has sufficient reserves to cover this shortfall, but Carleton will be moving into a period of multi-year deficits.

Important revenue growth opportunities beyond 2024-25 include new programs in Nursing, the online BA, Data Science, Cybersecurity, Mechatronics and Accounting. Other opportunities for growth include increases in domestic enrolment, targeted Professional Masters programs, the M. Eng Practice program, increases to the provincial operating grant, and a return to prior levels of international enrolment, following the 2-year cap period.

The Provost concluded by noting that the full budget presentation will come to Senate on May 3rd, and there will be a University Budget Town Hall on May 10.

Discussion:

The Chair reported that in discussions with COU colleagues it was acknowledged that this is the most challenging financial situation Ontario universities have faced in well over 20 years. This time, the entire sector in Ontario is in the same situation.

A Senator asked how long reserves would last if the situation does not change. The Provost responded that if the question is should we panic, the answer is no. Although it is a serious situation for the entire sector, at Carleton many things are in place to contribute to revenue growth.

In response to a related question, it was noted that Carleton has been running a structural deficit over the past 2 years. Prior to that, Carleton has not run a deficit budget since the 1990s. The Chair added that every university in the province is running a structural deficit by spending reserves.

A Senator asked if and how the corridor model might hamper attempts at revenue growth. The Provost responded that there is optimism that the nursing program will provide new corridor space; discussions with the Minister have been positive. The overall increase in WGUs will be helpful as well if it can extend for another 3 years. In response to another question, it was noted that Carleton is currently just above the midpoint in the funding corridor.

The Chair noted that additional funding seats are being awarded to universities with nursing programs, as this is an area of interest to the provincial government with strong support from the Ministry of Health and the Ministry of Colleges and Universities.

9. Dominican University College Update

The Chair provided an update on the relationship between Carleton University and Dominican University College. Dominican University College entered an affiliate agreement with Carleton in 2012, when Carleton was asked by the province to assume responsibility for approving DUC graduates, and to include DUC's non-ecclesiastical programs and academic degrees within Carleton's Quality Assurance framework. Government funding for DUC students also flows through Carleton as part of this agreement.

DUC has been experiencing enrolment challenges in its academic programs recently, and will be ceasing academic operations in Ontario. Carleton will continue to pass through

provincial grants until the end of this financial year, then will ensure that any remaining students will be able to finish their programs and graduate. The final approval of these graduates should come to Senate at the end of the next academic year.

There were no questions from Senators.

10. Research Update (R. Goubran)

Vice-President Research & International Rafik Goubran provided an update on research activities and successes at Carleton over the 2022-23 academic year.

The presentation began with an overview of the importance of research as a central component of Carleton's core mission. Research impacts Carleton's reputation and ranking, generates resources, supports student research and attracts top faculty, students and staff.

Carleton's research strengths include multi-disciplinary research clusters in wellness and sustainability and core research strengths and international recognition in many areas such as Physics, International Affairs, Public Policy, African Studies, Information & Communication Technology and Psychology, to name a few.

VP Goubran next profiled some of Carleton's top researchers:

- Lenore Fahrig – awarded the 2022 NSERC Gerhard Herzberg Canada Gold Medal for Science and Engineering, Canada's top science and engineering honour. She is also on the Highly Cited Researchers list, holds a Guggenheim Fellowship, and was elected to the US National Academy of Sciences.
- Steven Cooke – named as Fellow of the Royal Society of Canada, and named to the Highly Cited Researchers list for 4 consecutive years. He is also the former Canada Research Chair in Fish Ecology and Conservation Physiology.
- Jessica Davis – recipient of the SSHRC Talent Impact Award for her work in counter-terrorism, intelligence and Canadian national security.
- Fraser Taylor – named Officer of the Order of Canada
- Kifah Gharzeddin – named to the College of New Scholars, Artists, and Scientists of the Royal Society of Canada
- Odae Al Aboud - named to the College of New Scholars, Artists, and Scientists of the Royal Society of Canada
- Leila Mostaco-Guidolin – Canada Research Chair in Imaging Biomaterials and Characterization

- Jennifer Drake – Canada Research Chair in Stormwater and Low Impact Development
- Cati Coe – Canada Research Chair in Migration and Care.

Research success and impact is also evident through:

- Steady growth in publications by Carleton researchers over the past 5 years.
- Growth in citations of Carleton researchers over the past 5 years.
- 8 SSHRC Partnership Grants awarded to Carleton researchers over the past 8 years (Each grant worth \$2.5M)
- 6 NSERC CREATE Grants awarded to Carleton researchers over the past 8 years (Each grant worth \$1.65M)

Annual external research revenue, which is a proxy for research activity, has increased at Carleton by 108% over a 6-year period, from 2016/17 to 2022/23. External research funding is used to pay graduate students, to fund research labs, to collect data and cover the cost of publications and knowledge dissemination. It comes from various sources, including Tri-Agencies, government, industry and foundations.

Tri-Agency funding is a significant mark of achievement and excellence in research. It provides direct funding to the university to support IT, financial services, library and other resources. Tri-Agency funding also determines the number of Canada Research Chairs and affects the number of scholarships for students.

Over the past 3 years, Carleton's Tri-Agency funding has increased from \$31.8M to \$35.2M. As a result of this increase, Carleton has received 4 additional Canada Research Chairs.

External funding sources also include business and industry funding, which has also increased at Carleton, due in part to the Holistic Integrated Partnership Initiative, established by Carleton's Advancement and Research offices. This initiative has resulted in several successful partnerships including Ericsson, CAE, Ross Video and others, and an increase in revenue from \$1.7M in 2018/19 to \$7.1M in 2022/23. Revenue from MITACs has also increased from \$0.96M in 2018/19 to \$4.35M in 2022/23.

Carleton is in the final year of a 4-year multi-million-dollar partnership with Ericsson. Discussions are in progress to renew this partnership for another 4 years or more. The Ericsson partnership has resulted in 552 co-op work terms at Ericsson, engagement of 23

faculty members, support of 36 graduate students and 7 Ericsson Fellows. \$1.8M in leveraged funding has been received from government sources.

Carleton also is in the 5th year of a multi-million-dollar partnership with Efficiency Canada, which is focused on energy efficiency policy and implementation. The program is supported by several foundations including McConnell, Ivey, Trottier and by Global Affairs and NRCan.

Other partners mentioned in the presentation include the Royal Ottawa Hospital, Ottawa Hospital, and the Bruyere Hospital.

The presentation concluded with a review of two new government mandates. The Commercialization Mandate Policy Framework, issued by the Ontario Government, requires each university to create a policy to improve commercialization outcomes. A detailed commercialization plan including metrics must be generated every year. In addition, the Federal and Provincial Governments also now require universities to assess external research funding applications for national security risks. Carleton has been awarded \$271K per year, for 5 years to administer this new program.

VP Goubran concluded his presentation by thanking Carleton's researchers for making Carleton an intensive research institution with a stellar reputation.

A Senator noted that Carleton researcher Monica Patterson has also received a partnership grant from SSHRC for a project entitled Thinking Through the Museum.

A Senator asked how national security risk for academic research is defined, and how researchers would know if their proposals are being reviewed for risk. VP Goubran responded that any researcher seeking research funding from the federal or provincial government would need to assess the application for security risk. If the application is for a sensitive research area (such as weapons technology or biotechnology for example) the researcher would need to complete the appropriate forms and attestations. Researchers also are required to indicate if they are associated in any way with one of the organizations or institutions deemed to be a threat to national security. If there is an affiliation, a mitigation plan must be provided.

A Senator asked VP Goubran to comment on health-related research trends. He noted in response that Canadian Institutes of Health Research (CIHR), a federal agency that funds medical and health research in Canada, is the largest source of funding. Traditionally

focused on drug testing, the CIHR is now moving into other non-conventional areas of research which provide opportunities for academic research in health science, neuroscience and biomedical engineering as well as health policy. This is an area of potential growth for Carleton across all Faculties.

In response to another question, VP Goubran confirmed that students are an integral part of research at Carleton and are involved in the majority of research projects. The most successful researchers engage students in their projects. NSERC and SSHRC often look for mentorship indications in evaluating research applications.

A Senator rose to express their appreciation for Vice-President Goubran's leadership and contributions to Carleton research successes over many years. Senators responded with a round of applause.

The Chair thanked VP Goubran for the presentation and Senators for their engagement.

11. Reports for Information

- a. Senate Executive Committee Minutes (February 20, 2024)**
- b. TPAC and UPC Membership for 2024**

There was no discussion of these items.

12. Other Business

There was none.

13. Adjournment

The meeting was adjourned (G. Wainer, D. Howe) at 3:34 p.m.