



**UNIVERSITY OF TORONTO**  
**FACULTY OF APPLIED SCIENCE & ENGINEERING**

## Meeting of Faculty Council

October 24, 2024 | 12:10-2:00 pm

Michael E. Charles Council Chamber (GB202) and Zoom

### AGENDA

Item	Presenter
<b>1. Speaker's Welcome and Approval of Agenda</b> To approve as a regular motion	M Bussmann
<b>2. Introduction of New Faculty</b> Benjamin Sanchez (ChemE), Trevor Carey (CivMin), Fiona Coll (ISTEP), Nicholas Rhinehart (UTIAS), Liyang Dai-Hattrick (MSE), Justin Beland (MIE)	Chairs & Directors
<b>3. Adoption of Minutes of Previous Meeting (April 15, 2024)</b> To approve as a regular motion	M Bussmann
<b>4. Memorial Tributes</b> Keigo Iizuka (ECE), Kenneth Selby (CivMin)	D Kundur
<b>5. Report of the Dean</b>	M Hatzopoulou C Yip
<b>6. Information Reports</b> To receive for information	
<b>a. Annual Report of the Academic Appeals Board (Undergraduate)(Report 3970)</b>	D Kirk
<b>b. Teaching Methods &amp; Resources Committee 2023-2024 Activity Report and 2024-2025 Goals (Report 3768)</b>	D Steinman
<b>c. Standing Committee and Academic Appeals Board Appointments, 2024-2025 (Report 3769)</b>	M Bussmann
<b>d. Annual Report of the Engineering Alumni Network Awards Committee (Report 3971)</b>	L Catalfo

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| <b>7. Other Business</b>   | M Bussmann                        |
| <b>8. Discussion Item: Engineering Science Major in Transportation Systems Engineering</b> | M Hatzopoulou<br>N Enright Jerger |
| <b>9. Date of Next Meeting</b>   | M Bussmann                        |
| <b>10. Adjournment</b>   | M Bussmann                        |

10/10/2024 1:14 PM



**UNIVERSITY OF TORONTO**  
**FACULTY OF APPLIED SCIENCE & ENGINEERING**

**Council of the Faculty of Applied Science & Engineering**  
**Minutes of the Meeting of April 15, 2024**

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**MEMBERS PRESENT:** Ning Yan (Council Speaker), Chris Yip (Dean), Dionne Aleman, Cristina Amon, Brohath Amrithraj, Philipp Asare, Julie Audet, Gisele Azimi, Jason Bazylak, Chris Beck, Timothy Bender, Evan Bentz, Shlomo Bibas, Helen Bright, Markus Bussmann, Ariel Chan, Arthur Chan, Heba Chehade, Ron Chiong, Alan Chong, Tom Coyle, Christopher Damaren, Michelle Deeton, Stark Draper, Matthew Du, Natalie Enright Jerger, Ade Fakolade, Jennifer Farmer, Ege Feyzioglu, Diane Giang, Sebastian Goodfellow, Allen Grant, Marianne Hatzopoulou, Angela Henshilwood, Ken Hilton, Jane Howe, Albert Huang, Hamed Ibrahim, Rob Irish, Greg Jamieson, Charles Jia, Parker Johnston, Omar Khan, Donald Kirk, Katy Kwong, Antonio Liscidini, Allison MacKay, Heather MacLean, Sam Mantenuto, Kasra Modares, Erika Narimatsu, Don Newton, Karl Peterson, Milos Popovic, Daniel Posen, Adham Ragab, Markus Rittinger, Jonathan Rocheleau, Lisa Romkey, Cindy Rottmann, Michael Sefton, Philipp Seiler, Theodore Soong, David Steinman, Marisa Sterling, Ajay Talbot, Hamid Timorabadi, John Walker, Jim Xu

**GUESTS:** Katie Allison, Irina Belaya, Sharon Brown, Mojgan Cossaro, Leanne Dawkins, Sonia De Buglio, Carolyn Farrell, Pierina Filippone, Shilpa Gantotti, Devin Gobson, Leslie Grife, Sania Hameed, Christina Heidorn, Katherine Jia, Inho Kim, Maggie Laidlaw, Sherry Lin, Jess MacInnis, Teresa Miniaci, Natalie Ossatchkina, Asma Pathan, Rocky Petinakis, Dan Pettigrew, Zeeshan Rayees, Tom Saint-Ivany, Alex Tichine, Alistair Vaz, Geoff Wichert, Nefeteria Wickham

**SECRETARIAT:** Silvia Delgado, Rodney Gensell, Alex Schroen, Caroline Ziegler (Secretary)

### **1. Speaker's Welcome**

Interim Council Speaker Ning Yan called the fourth and final Faculty Council meeting of 2023-2024 to order at 12:10 pm, welcoming Council members present in the Michael E. Charles Council Chamber and online. She introduced the Dean and secretariat, acknowledged the land on which the University of Toronto operates, and reviewed protocols for the hybrid meeting.

### **2. Approval of Agenda**

The agenda and reports were distributed on April 4. The slides for the FASE Facility Master Plan discussion and the memorial tribute for Professor Emerita Jane Phillips were distributed on April 12. There was no discussion and on a regular motion duly moved, seconded and carried, the agenda was approved.

### **3. Adoption of the Minutes of Previous Meetings**

No errors or omissions were noted in the minutes of the February 27, 2024 Council meeting and on a regular motion duly moved, seconded and carried, the minutes were approved.

#### **4. Memorial Tribute: Professor Emerita Jane Phillips**

Ramin Farnood, chair of the Department of Chemical Engineering & Applied Chemistry, read the following memorial tribute in honour of Professor Emerita Jane Phillips.

Be it resolved –

THAT the Council of the Faculty of Applied Science & Engineering record with deep regret the death on March 28, 2024 of Professor Emerita Jane Phillips.

Jane Phillips' U of T Engineering story began as an undergraduate student in the Department of Chemical Engineering & Applied Chemistry. After receiving her Bachelor of Applied Science in 1953, she went on to complete a master's degree in physical chemistry at Bryn Mawr College. Not long after completing her PhD at Johns Hopkins University and working as a postdoctoral fellow at NRC and Queen's University Belfast, Jane returned to U of T Engineering in 1964 as a faculty member in her home department.

Being a woman in engineering during that time was a rarity, and Jane paved a critical path for many who came after her. Her impact is nothing short of inspirational in advancing the role of women engineers, with many firsts to celebrate throughout her journey.

She was the first and only woman professor in our department at the time. By the mid-1980s, she co-founded the Canadian Catalysis Foundation and joined the PEO Council as a Lieutenant Governor's appointee and worked as a member of the complaints and discipline committees. She went on to be elected as the first woman academic PEO president in 1992. Notably, she was a Fellow of both the Chemical Institute of Canada and American Association for the Advancement of Science.

Within U of T, Jane served twice as the Associate Chair within the Department of Chemical Engineering & Applied Chemistry, and was the Associate Dean of the School of Graduate Studies. She was appointed Professor Emerita in 1997 and remained active in teaching and administration, regularly participating in the academic procession. She led the development of ethics within engineering and was involved in early equity, diversity and inclusion efforts as well as Women in Engineering Committees.

She was a selfless supporter and volunteer both within our U of T Engineering community and within the broader engineering profession. In commemoration of her achievements, she received the 2023 Engineering Alumni Medal, the highest honour awarded by U of T's Engineering Alumni Association. Her memory is also preserved in the Faculty's Hall of Distinction in the Sandford Fleming Building.

Her colleagues remember her as a positive person with incredible heart, showing concern and care for all students. The Department of Chemical Engineering & Applied Chemistry will remember Jane as a bright fixture in the Wallberg Building. She will be deeply missed.

Be it further resolved –

THAT this tribute to Professor Phillips be inscribed in the minutes of this Council meeting, and that copies be sent to her family as an expression of the respect and gratitude of the members of this Council.

The Speaker assumed concurrence with these resolutions and Council observed one minute of silence in honour of Professor Emerita Phillips.

## **5. Report of the Dean**

Dean Chris Yip welcomed all to the Faculty Council meeting and updated Council on various issues.

### **(a) FASE Provostial Review and Self-Study**

The FASE provostial review took place in December 2023. The review report is available on the Faculty's website. The vice-dean, strategic's office is compiling information to draft the Dean's administrative response and members are invited to submit feedback via their chair or director. The Dean thanked the vice-dean and her team for leading this initiative.

### **(b) Convocation**

The Office of Convocation will welcome our graduating students in person at the spring convocation. Engineering will have three ceremonies on June 18: the morning ceremony will include graduates from electrical and computer engineering and from materials science and engineering; the afternoon ceremony will include graduates from mechanical and industrial engineering, aerospace engineering, biomedical engineering, and the BME Clinical Engineering Master of Health Science; and the evening ceremony will include graduates from chemical engineering, civil and mineral engineering, engineering science, and the Master of Engineering in Cities Engineering and Management.

### **(c) Engineering Society Leadership Transition**

The 2024-2025 Engineering Society leadership team is comprised of Inho Kim, president; Kat Jia, vice-president, academic; Zayneb Hussain, vice-president, finance; Jennifer Wu, vice-president, communications; and Sean Huang, vice-president, student life. The Dean welcomed the incoming team and thanked them for committing their time and skills to the benefit of our engineering students.

The Dean acknowledged the 2023-2024 Engineering Society leadership team of Archit Bhargava and Parker Johnston, consecutive presidents; Ken Hilton, vice-president, academic; Bo Zhao, vice-president, finance; Renee Slen, vice-president, communications; and Joy Lai, vice-president, student life. He thanked the team for their tremendous contributions this past year, including the SKULE™ 150th anniversary celebration.

#### **(d) QS World University Rankings 2024**

Although we may face admissions challenges next year, the Dean was encouraged by the interest he saw in China from potential students in attending U of T Engineering. This is bolstered by our strong reputation as evidenced by our placement in the recently released QS World University Rankings 2024. We remain Canada's top-ranking engineering school and are now in the global top 20. The university placed 17th globally in the broad subject category of Engineering & Technology, an increase from last year's position of 27th and the second consecutive year where the Faculty has improved its ranking. Globally, the university made gains in 21 subjects this year, including an 11-spot rise to 10th place in mineral and mining engineering.

The Dean thanked all for their hard work this past year, especially for the contributions that led to an increase in our scores and reputation.

There was no discussion.

#### **6. Major Curriculum Changes for the 2024-2025 Academic Year**

The following item was endorsed by the Executive Committee of Council on March 29 by electronic vote and is recommended for Council's approval by regular motion, requiring a simple majority of members present and voting to carry.

Evan Bentz, chair of the Undergraduate Curriculum Committee (UCC), presented Report 3764, which describes curriculum changes affecting chemical engineering in the 2024-2025 academic year.

At the conclusion of the presentation, the following regular motion was moved and seconded –

THAT the proposed curriculum changes for the 2024-2025 academic year, as described in Report 3764, be approved.

There was no discussion and the motion was carried.

#### **7. Information Reports**

The following items were approved by the Executive Committee of Council at its March 26 meeting and are recommended to Council to receive for information.

##### **(a) Engineering Graduate Education Committee Update**

Lisa Romkey, chair of the Engineering Graduate Education Committee, presented Report 3766, which lists new courses approved in AER, CIV and MIE.

There was no discussion and the report was received for information.

### **(b) Undergraduate Assessment Committee Update, 2023-2024**

Arthur Chan, chair of the Undergraduate Assessment Committee, presented Report 3765, an update on the committee's activities during the academic year concerning grading practices, policy discussions, and petitions.

There was no discussion and the report was received for information.

### **8. Other Business**

The Speaker thanked outgoing alumni members of Council and outgoing standing committee chairs.

Dean Yip thanked Ning Yan, who is concluding her one-year term as interim Speaker of Council, and presented her with flowers as a token of Council's appreciation.

There was no other business.

### **9. Recognition of Service and Teaching Assistant Award Presentation**

The Speaker congratulated Murray Grabinski of Civil & Mineral Engineering and Michael Stumm of Electrical & Industrial Engineering, who will be retiring this July. The professors were unable to attend the Council meeting.

Dean Yip acknowledged Tom Coyle, who concludes his second term as vice-dean, undergraduate in June, and congratulated Kate Allison, an MASc candidate in the Department of Mechanical & Industrial Engineering, and Katia Ossetchkina, an MASc candidate in the Department of Civil & Mineral Engineering, for each receiving the Faculty's 2024 Teaching Assistant Award.

Ramin Farnood acknowledged Michael Sefton, professor in Chemical Engineering & Applied Chemistry, who will be celebrating his 50th work anniversary in July.

The professors and Teaching Assistant Award recipients received gifts from Dean Yip on behalf of Council. The retiring professors will receive their gifts at a later date.

### **10. Discussion Item: FASE Facility Master Plan Update**

Heather MacLean, vice-dean, strategic and Alistair Vaz, senior planner, University Planning, Design & Construction, updated Council on the FASE Facility Master Plan. Professor MacLean thanked the master planning team, which includes Mr. Vaz; Tom Saint-Ivany, FASE director, facilities & infrastructure planning; and special projects officer, Rochel Burkhardt.

The Facility Master Plan updates the previous master plan developed in 2016 and will respond to significant changes regarding departments, roles, and the transitions made to online and hybrid work arrangements as a result of the pandemic. It will be informed by the self-study created for the December 2023 Faculty external review, address recommendations of the

review team, and provide a foundation for the development of the Faculty's academic plan. The goals of the planning process are to build a comprehensive catalogue and assessment of current space use and future needs; outline renovation and improvement projects to respond to these needs; and identify larger capital investments through additions and new buildings, either through sole sponsorship or through partnership across the University's campuses and various land holdings.

Presenting slides, Mr. Vaz provided an overview of the master planning process, space planning framework, stakeholder consultations and next steps.

The master planning team has completed the *gather and define* stage of the process, cataloguing the space in each of the Faculty's buildings, including Dufferin Lands (Downsview) and Gull Lake Survey Camp.

It is now in the *engage and analyze* phase and making good progress with stakeholder consultations. In person undergraduate student consultations were conducted a week ago and will be followed by a student survey. Some of the feedback gathered so far acknowledged the quality of our spaces, the need to improve air quality, and the availability of informal space. Consultations are planned for the next few months with the Dean's Office and academic units. The team will also hold a number of workshops on topics such as AV and IT infrastructure, universal design and equity, undergraduate labs and fabrication spaces, research labs, open spaces, and climate resilience and sustainability. The consultations and workshops will help the team understand what the Faculty's strategic objectives are, how they have evolved from the last plan, and what the guiding principles should be to measure against.

After the engage and analyze phase, the team will work with the Faculty on the *focus and plan* stage where it will develop space planning strategies and outline opportunities and recommendations. The outcome of this stage will be a draft Facility Master Plan document.

Finally, in the *refine and report* stage, the planning team will refine the draft document and its short- and long- term goals and targets. The final deliverable will be a Final Report/Master Plan document. The team is unlikely to meet the initial deadline of the summer of 2024 due to the alignment with the academic planning process. Council will be updated as the team works through the remaining process steps.

During discussions, some departments offered to assist in promoting the undergraduate student survey through their undergraduate offices.

It was confirmed that graduate students, teaching assistants and alumni will be included in consultations, and that access to equipment, fabrication and lab space and club and hybrid meeting space will be considered.

Workshops regarding design, health and safety will be held. The planning team was urged to include members of the community who have disabilities in the universal design and equity workshop so they can share their lived experiences. It was also recommended that the review's



guiding principles include universal design and input from Indigenous peoples, and that we should aim to exceed, not just meet, standards.

Members discussed the need to respect the university's heritage when considering renovations to existing buildings. It was pointed out that some historically named buildings are in disrepair. The planning team has not yet begun a specific review of heritage buildings but will develop workshops to review these aspects from the perspective of the Faculty and per university benchmarks such as universal design.

When reviewing Gull Lake, the team will consider the investments made by FASE over the last decade and how the space may evolve in the future. Other groups within the university may be interested in using this space, which could help Engineering offset costs.

Members discussed the need to consult broadly when planning shared service and event spaces, including with academic units. An example of poor planning was given of the elevators being too small in Myhal to accommodate caterers' palettes. Sometimes these spaces are constrained by university rules. The space in Myhal will be audited more closely in a much more detailed parallel study, which could be replicated for other buildings.

The largest allocation of space is for offices held by academic units and the Dean's Office (which is a catch-all for shared services such as the Registrar's Office and information technology). The perception and reality of empty and duplicated space for students and administration will be examined, especially in light of shared or hybrid spaces.

The planning team will work with Facilities & Services to align with the findings of the university's recent maintenance report; for example, it will consider the end-of-life replacement of systems.

In closing, Mr. Vaz encouraged Council members to send him any follow up questions or remarks.

### **11. Date of Next Meeting**

The schedule of governance meetings for 2024-2025 is being developed and will be shared with Council when available.

### **12. Adjournment**

The Speaker wished students good luck with their exams, and all a great summer.

The meeting was adjourned at 1:57pm.

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**UNIVERSITY OF TORONTO**  
**FACULTY OF APPLIED SCIENCE & ENGINEERING**

**Memorial Tribute to**

**KEIGO IIZUKA**

**Professor Emeritus**

**The Edward S. Rogers Sr. Department of Electrical & Computer Engineering**

**October 24, 2024**

Be it resolved –

THAT the Council of the Faculty of Applied Science & Engineering record with deep regret the death on June 4, 2024 of Professor Keigo Iizuka.

Professor Keigo Iizuka was born in Kobe, Japan, on August 29, 1931, into modest means. He learned early on the importance of perseverance and diligence and dedicated himself to his studies.

Keigo completed his undergraduate studies at Kyoto University, where he held a prestigious scholarship before pursuing a PhD in Applied Physics at Harvard University on a Fulbright scholarship, graduating in 1961. Following his doctoral studies, he served as a Research Fellow and later as a Lecturer at Harvard. He joined the University of Toronto's then-named Department of Electrical Engineering in 1968, where he would make a significant name for himself.

Over his many years with ECE, Keigo explored a broad spectrum of areas, from antennas and microwave holography to optical measurement, sensor technology, fibre optics, and 3D displays. He authored a number of impactful publications including three significant books on photonics and engineering optics. Among his most notable achievements was the invention of the "Omni-focus Video Camera," which solved the fundamental challenge of achieving equal focus for elements in both the background and foreground of an image. This innovation integrated an array of colour video cameras with different focal distances and a unique distance mapping technique that allowed for perfect clarity across the entire field of view, a remarkable feat in the field of optics.

Keigo received the Fujio Frontier Award and the ATR Excellence Research Award for his research, and he was named a Fellow of the Optical Society of America. Keigo's dedication to teaching left an indelible mark on generations of students. Professor Li Qian, once his student and later his colleague, recalled her experience in his Optical Communication course as "exhilarating and eye-opening." She shared that while the course started with engaging videos and demonstrations, it soon transitioned into rigorous mathematical challenges, teaching students the balance between fascination and discipline that defined optics. "He lightened our hearts even as he lightened our

coursework," Li noted, reflecting on Keigo's ability to combine humour, creativity, and deep technical insight.

Beyond his impact in the classroom, Keigo was recognized for his resourcefulness and continued passion for research even after his retirement. Despite limited funding, he remained active, often developing ingenious experiments with simple materials, such as using a compact disc as a spectrometer. Professor Al Leon-Garcia described him as "always cheerful... and busy," recalling how the fourth floor of the Sandford Fleming Building was often a hub of activity around his experiments.

Professor Micah Stickel, a former student, remembered Keigo's "effortless enthusiasm" and the joy he brought to his teaching. He noted that his "Fundamentals of Optics" course was enriched with hand-drawn cartoons that helped students understand complex ideas. Professor George Eleftheriades described his *Engineering Optics* textbook as "full of insight and practical wisdom – a treasure to have."

Beyond academia, Keigo was a multi-talented individual with passions that extended to his family, dance, and creative writing. Professor Khoman Phang fondly recalled seeing him on Friday nights at the Ballroom Dance Club, a reminder of how much more there was to him than his academic achievements. Keigo even co-authored a children's book, "Kuro," with his daughters, a testament to his creativity and dedication to his family.

Professor Keigo Iizuka's legacy will undoubtedly live on through his research and teaching. However, Keigo taught us that the most significant impact you can have is how you treat others. His gentle mentorship of students, his kind friendship and collaboration with colleagues, and his inspiring way of seeing the world have positively impacted all who knew him. It is not lost on us, then, that Keigo's research involved bringing multiple things to focus!

Keigo is survived by his daughters Nozomi, Izumi, Megumi, and Ayumi, who lovingly cared for him throughout his life and in his final years.

Be it further resolved –

THAT this tribute to Professor Keigo Iizuka be inscribed in the minutes of this Council meeting, and that copies be sent to his family as an expression of the respect and gratitude of the members of this Council.

*Prepared by Professor and Chair Deepa Kundur and other members of  
the Electrical & Computer Engineering Department.*



**UNIVERSITY OF TORONTO**  
**FACULTY OF APPLIED SCIENCE & ENGINEERING**

**Memorial Tribute to**

**KENNETH A. SELBY**

**Professor Emeritus**  
**Department of Civil & Mineral Engineering**

**October 24, 2024**

Be it resolved –

THAT the Council of the Faculty of Applied Science & Engineering record with deep regret the death on August 15, 2024 of Professor Emeritus Kenneth Selby

Professor Selby was an accomplished scholar, holding a Bachelor of Civil Engineering and an MBA from the University of Toronto, and a PhD in Civil Engineering from the University of Illinois.

Professor Selby joined the faculty of the University of Toronto as an Assistant Professor in 1964, was promoted to Associate Professor in 1967 and full professor in 1988. Since 1997, he has been Professor Emeritus. He supervised numerous undergraduate, masters and doctoral students over this time and taught construction-related courses. Well-known for his enthusiasm, creativity and positive disposition, he was voted “Professor of the Year” in Civil Engineering several times by his students. In 1992 he received a University-wide award for excellence in teaching in the professional faculties (sciences) from the Association of Part-time Undergraduate Students and the Students’ Administrative Council. From 1994 to 1996, Professor Selby represented Civil Engineering and Geological Engineering on the UTFA council. He dedicated his career to education and had a passion for teaching and mentoring young minds. In the 1980s, when student employment was hard to find, he formed Ken Selby and Associates providing students with opportunities in the construction industry.

In 1973 Professor Selby, along with Professor Emeritus John Timusk, launched U of T’s first concrete canoe in Toronto Harbour, marking the beginning of the popular student club. The use of a popular breakfast cereal in the initial concrete mix allowed for the watercraft to float – the cereal was later replaced with a manufactured product.

Ken had a lifelong passion for and excelled in many sports, including swimming, football, hockey, downhill skiing, and tennis, among others. He coached numerous youth sports, particularly hockey, and supported his children and grandchildren in their activities. In the '60s, he built his family a tennis court at the cottage and later in his life you could often find him on the tennis courts at the Toronto Cricket Club, participating in many leagues, well into his 80s.

He enjoyed following news, politics, and world affairs, and was a particular champion of women and girls in all their pursuits. His last summer was spent in Muskoka, surrounded by loved ones, marking 90 consecutive summers spent in his happy place, where he has created a wonderful family legacy. Ken's kindness, intellect, enduring love for his family, and support of his friends will be remembered and celebrated by all who knew him.

Professor Selby is survived by his wife of 66 years, Anne; three children and seven grandchildren. He was predeceased in 2007 by his daughter Pam.

Be it further resolved –

THAT this tribute to Professor Emeritus Kenneth Selby be inscribed in the minutes of this Council meeting, and that copies be sent to his family as an expression of the respect and gratitude of the members of this Council.

*Prepared by Professor Marianne Hatzopoulou and other members of  
the Civil & Mineral Engineering Department.*



**UNIVERSITY OF TORONTO**  
**FACULTY OF APPLIED SCIENCE & ENGINEERING**

**Report No. 3970**

**MEMORANDUM**

**To:** Faculty Council of October 24, 2024

**From:** Professor Donald Kirk  
Chair, Academic Appeals Board (Undergraduate)

**Date:** September 24, 2024

**Re:** **Annual Report of the Academic Appeals Board (Undergraduate) for the Period of September 1, 2023, to September 1, 2024**

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**REPORT CLASSIFICATION**

The Academic Appeals Board (Undergraduate) reports directly to Faculty Council. This is a routine matter for Faculty Council's information.

**ACADEMIC APPEALS BOARD RESPONSIBILITIES**

To hear appeals of U of T Engineering undergraduate students against decisions of the Standing Committees of Council relating to petitions for exemptions from the application of academic regulations or standards and to make rulings on such appeals.

The AAB(U) shall report annually to the Council at the regular fall meeting indicating the number of appeals brought in the previous year and the disposition of those appeals. No information identifying appellants may be included in the annual report.

**SUMMARY OF APPEALS & DISPOSITIONS**

During the 2023-2024 academic year, the AAB(U) considered 39 appeals on decisions made by the Undergraduate Assessment Committee (UAC), which is up from the 26 considered during the previous cycle.

In addition to the 39 appeals considered by the AAB(U), 15 appeals (up from 13 in the previous cycle) were resolved at the UAC level (each appeal is first sent back to the UAC for a second review before proceeding to the AAB(U) if the UAC's original decision stands).

The table below shows the number of appeals heard over the past nine academic years:

Academic Year	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Number of appeals	24	13	10	20	18	10	23	26	39

*Table 1 – Number of Appeals Per Academic Year*

The appeals considered during the 2023-2024 academic year can be further categorized as the following:

- 15 for considerations on final examinations. An increase compared to the 12 considered in the previous cycle.
- 24 for special consideration regarding Faculty policies. An increase from the last cycle that heard 12 special consideration cases.
- No appeals for consideration on term-work. A decrease compared to the last cycle that considered 2 term-work cases.

In 13 of the 39 appeals, many of which introduced new documentation or elicited additional information during the hearing, the AAB(U) found cause to intervene. The specific remedies granted were:

- Retroactive withdrawal (“WDR”) from a course or session (5).
- Assessed mark for a missed final exam (3).
- Deferred exam for a missed final exam (2).
- Allowed to take a summer session course during a mandatory withdrawal period (1).
- Re-grade of a course project (1).
- Weight redistribution of a missed midterm exam to the final exam (1).

The AAB(U) found insufficient grounds to intervene in the remaining 26 appeals and rendered decisions of “no action” in these instances.

In the last academic year, four appeals to an AAB(U) decision were considered by the University’s Governing Council Academic Appeal Committee (AAC).

#### **UPDATES, TRENDS & OBSERVATIONS WITHIN ACADEMIC APPEALS**

##### *Overall Upward Trend in Number of Appeals*

Over the past few years, the AAB(U) has observed an increasing trend in the volume of appeals submitted for Board deliberation. Most notably, the recently concluded 2023-

2024 cycle marked a new peak in the appeals reviewed by both the UAC and AAB(U), as indicated in Table 1. To accommodate for this rise in cases, the AAB(U) has increased its frequency of hearings. As the AAB(U) handles appeals after the UAC has completed a second review of the case, the Board now holds monthly rounds of hearings following the UAC's full committee meetings to review appeals.

### *Membership Turnover Timelines*

Due to the increased frequency of hearings needed, the Board has faced difficulty in scheduling timeslots that achieve a quorum, primarily due to conflicting availability during busier periods of the term and the summer session. We greatly appreciate the participation of Professors Francis Dawson (ECE), Harry Ruda (MSE) and Roger Carrick (EngSci). Additionally, we appreciate the active engagement of the 2023-2024 student representatives, including Julianne Attai (Year 4 EngSci), Matthew Du (Year 3 MechE), Amy Huang (Year 4 EngSci), Kat Jia (Year 4 MechE) and Mike Le (Year 4 CivE).

The membership turnover date for the AAB(U) is September 1 each year. Faculty members and student representatives were identified earlier in the summer, allowing the Board to host the onboarding session for new members earlier, facilitating a smooth transition period between membership cycles. We are excited to welcome the new 2024-2025 members to the Board.

### *Special Consideration Appeals and the Requirement of Documentation for Final Exam Petitions*

This past cycle, the AAB(U) noticed an increase in the number of special consideration appeals received compared to the previous cycle and no major change in the number of appeals relating to final exam petitions. The Board notes that the stable final exam appeals could be in part due to the faculty's implementation of required documentation for all petitions. Notably, there was an increase in medical documentation submitted for missed final exams.

### *Continued Increase in Case Communication & Complexity*

Similarly to previous updates, there is an increase in case complexity. The AAB(U) notes that these are likely due to the efforts of the UAC to resolve student appeals within their committee. As a result, the cases forwarded to the AAB(U) have become subjectively more complex, impacting the time needed for hearings and the amount of preparation undertaken by the Secretary and the Registrar's Office.

To accommodate for the complexity, the Board requests more supporting documentation from the appellant, including their course syllabus and grading details, to provide further context to the attending AAB(U) members and help the appellant be better prepared for questions that may arise during their hearing. Additionally, the Board requests the term-work report from the Registrar's Office for cases pertaining to a specific course or a



missed final exam. These requests are communicated by the Recording Secretary. The additional documents are provided to the attending members as part of the case's documents folder.

### *Virtual Hearings*

The AAB(U) continues to conduct virtual hearings that each last for a one-hour period. Hearings are held via Microsoft Teams meetings (using both audio and video). Decisions are being communicated to students via PDFs delivered by email.

### *Sensitivity to Cultural and Gender Issues*

As per the AAB(U)'s consultation with Marisa Sterling, Assistant Dean & Director, Diversity, Inclusion and Professionalism in 2023, the Board has put into practice enhancements to support appellants who experience discrimination, harassment, or sexual violence. The Board includes onboarding material to emphasize the importance of sensitivity toward the type of questions asked to the appellant and the importance of ensuring these questions do not make the appellant uncomfortable. Furthermore, during the hearing, the Board discusses the university resources to include in the AAB(U)'s decision letter. If necessary, advice and recommendations on these university resources are sought from the appropriate staff to best direct the appellant.

### **RECOMMENDATION FOR FACULTY COUNCIL**

For information.



**UNIVERSITY OF TORONTO**  
**FACULTY OF APPLIED SCIENCE & ENGINEERING**

**Report No. 3768**

**MEMORANDUM**

**To:** Executive Committee of Faculty Council (October 4, 2024)  
Faculty Council (October 24, 2024)

**From:** Professor David Steinman  
Chair, Teaching Methods & Resources Committee (TMRC)

**Date:** September 25, 2024

**Re:** **Teaching Methods & Resources Committee 2023-2024 Activity Report and 2024-2025 Goals**

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**REPORT CLASSIFICATION**

This is a routine or minor policy matter that will be considered by the Executive Committee for approving and forwarding to Faculty Council to receive for information.

**BACKGROUND**

In accordance with Procedures of Committees for Council of the Faculty of Applied Science and Engineering, this report is a brief summary of the activities undertaken by the Teaching Methods & Resources Committee (TMRC) during the 2023-24 academic year. The report also references goals for 2024-25, based on the outcomes of these activities.

**ACTIVITIES**

From July 2023 to May 2024, TMRC has met as a full committee 10 times, for a total of approximately 14 hours of meeting time, along with multiple working group meetings that involved 10+ hours of work per group. For each academic semester, TMRC held standing meetings to discuss and advance the efforts of the working groups, and also held an extended adjudication meeting for Teaching Awards in the Winter term. A more detailed account of key TMRC activities in 2023-24 is described in the sections below

**RECOMMENDATION FOR COUNCIL**

For information.

### ***Working Group 1: Documenting Teaching Effectiveness in Annual Activity Reports (AAR)***

In addition to the Committee's core responsibility to administer and adjudicate the Faculty's Teaching Award, in recent years, TMRC has been asked by the Faculty to develop and publish robust guidelines and/or best practices for the evaluation of teaching effectiveness in tenure, promotion and PTR, namely:

- [FASE Guidelines for the Assessment of Effectiveness of Teaching in Tenure, Continuing Status and Promotion Decisions](#) (2022)
- [FASE Best Practices for Assessing Teaching Effectiveness in PTR Decisions](#) (2023)

Therefore, in 2023-24, it was felt that a natural next step would be to offer some approaches for how to better describe and elaborate on teaching activities via the free-form AAR teaching section. In working towards this objective, a number of text and video resources were developed, alongside a report that focused on (i) reviewing the literature to summarize best practices for the development and evaluation of teaching effectiveness, and (ii) summarizing existing PTR documents and data sources available at FASE U of T. Based on recent discussions with the Dean, and ideally following a presentation to Chairs & Directors, TMRC will aim to provide these as constructive resources for faculty members to help them describe their activities and how they align with faculty guidelines and best practices for assessing teaching effectiveness.

### ***Working Group 2: Streamlining Teaching Awards and their Adjudication***

Over the years, it has been noted that the FASE Teaching Awards—Early Career Teaching Award (ECTA), Faculty Teaching Award (FTA), Sustained Excellence in Teaching Award (SETA), Teaching Assistant Award (TAA) – are onerous for both the candidates to put together and also for the Committee to review. It was also noted that the process for adjudicating the awards varied from year to year, given changes in committee composition and insufficient documentation. Therefore, in 2023-24, the Committee focused on (i) revisiting the criteria for the teaching awards to ensure that there was alignment across the various awards, and (ii) leveraging updates to criteria to develop and trial a more structured adjudication process.

Regarding criteria, the primary changes were: (i) that the eligibility periods for the awards be such that a candidate can only be eligible for one award at any given time; (ii) that the criteria for excellence should align with and/or reflect TMRC's published guidelines for teaching effectiveness; (iii) refining details pertaining to the primary and supplemental documents required for the nomination package; and (iv) to try to return to the initial intent of the SETA ("*sustained* excellence in teaching award") and potentially separate out applications that might focus on the administrative educational (transformational at a faculty-wide administrative level, such as the establishment of a new program), and instead encourage applicants to focus on instructional leadership (showcasing lasting impact via curriculum development, mentorship, pedagogical expertise, assessment of student learning) – recognizing that exceptional SETA candidates may not have had the opportunity, desire or goal of pursuing high level administrative changes.

These changes will be reflected in updated Award guideline documentation that will be circulated in the 2025 Call for Nominations. (Following a recent consultation with the Dean, it is not clear how or whether such “transformational leadership” should be separately recognized, so for now TMRC will flag, if necessary, this year, any scenario where our adjudication of submitted awards indicates any tension between “sustained excellence” and “transformational leadership”).

Regarding the adjudication process, we developed and implemented a rubric and pre-meeting review process via MS Forms that all Committee members were asked to complete for each application. The results of the Form were then anonymized, summarized, and shared to begin the discussion for each Award. The intention of this approach was to promote more objectivity and transparency about scoring and comments, mitigate bias, and better focus discussions. Overall, the Committee found this process helpful, and a goal for 2024-25 will be (i) to capture these decisions in the Committee Manual, and (ii) iterate and improve on some aspects of the adjudication process (taking into consideration constructive suggestions that had been made during the debrief of this process). Example of areas we will be working to clarify include revised approaches to quantitative scoring, factors to take into consideration for identifying cases where it may be appropriate to select no recipients or two recipients for a given award, and how to improve communications around award guidelines to better support applicants.

### ***Working Group 3: Student Evaluation of Teaching***

This working group arose out of TMRC’s longstanding concern about the (over-)reliance on and (over-)interpretation of raw numbers in assessing teaching effectiveness. The intention was to develop recommendations related to the use of course evaluations data in a way that is specific to FASE, since much of the published “evidence” is not discipline-specific. Some topics that this Working Group considered included (i) response rates and survey fatigue; (ii) how bias can show up in student evaluations; and (iii) quantification and communication about the precision of course evaluation scores. For the latter, specific questions included how course evaluations might differ in comparing first year and upper year courses, and the significance of 0.1 decimal points in distinguishing comparable candidates. The goals were to support Working Group 2 in providing guidance for structuring adjudication discussions when candidates are otherwise quite close, as well as to provide recommendations for Working Group 1, in terms of how guidelines for interpreting course evaluation data might be helpful when assessing teaching effectiveness.

To achieve these goals, in 2023-24, a preliminary analysis of publicly available course evaluation data on Quercus was performed. Ultimately, this exercise was not fully concluded due to (i) internal disagreement within the Committee regarding some details of the statistical analysis; and (ii) concerns about this exercise being beyond the scope of TMRC’s terms of reference. To gain clarity on any potential next steps, in 2024-25, the Chair and Vice-Chair met with the Vice-Dean, Undergraduate to help clarify questions and concerns around scope, and to ensure that these preliminary deliberations are provided as suggestions only. Any future work in this realm will be coordinated through the Vice-Dean, Undergraduate office, with support from CTSI for any further analyses.

### ***Additional areas of discussion***

- After being approached about naming a teaching award after an individual, TMRC members voted against setting a precedent of naming any of the FASE teaching awards. A report outlining the rationale for this was submitted by the Chair to the Dean's Office.
- There was some discussion about revisiting the name of TMRC to something that perhaps better reflects the work of the Committee over the last decade (resources to support and evaluate teaching *and* learning at FASE). However, this discussion did not lead to formal action. Should the topic be revisited, the Committee would need to undertake wider consultations with the FASE community to gain insight on the role and scope of the Committee, and what gaps, if any, might exist.
- The TMRC remains committed to mitigating bias and promoting EDI as it relates to the assessment of teaching excellence. This is an ongoing discussion within the Committee. It would be beneficial to receive input from the Faculty regarding TMRC's role in researching and/or promoting EDI best practices for use internally (e.g. as it applies to adjudicating teaching awards), given that TMRC is one of several Faculty Standing Committees for which there may be some level of consistency required in terms of process and practice.



**UNIVERSITY OF TORONTO**  
**FACULTY OF APPLIED SCIENCE & ENGINEERING**

**Report No. 3769**

**MEMORANDUM**

**To:** Faculty Council of October 24, 2024

**From:** Professor Jun Nogami  
Faculty Council Speaker

**Date:** October 7, 2024

**Re: Standing Committee and Academic Appeals Board (Undergraduate)  
Appointments, 2024-2025**

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**REPORT CLASSIFICATION**

This is a routine matter for Faculty Council's information.

**BACKGROUND**

Pursuant to the Bylaws of the Council of the Faculty of Applied Science & Engineering (B4.2), "a list of candidates for service on the Academic Appeals Board (Undergraduate) and Standing Committees shall be provided annually to the Secretary of Council by their respective appointing bodies by July 1 of each academic year. Student members shall be provided before the first regular Council meeting of each academic year".

The attached is a list of standing committee and board members appointed to date for the 2024-2025 academic year.

**RECOMMENDATION FOR FACULTY COUNCIL**

For information.

## **Standing Committees and Boards of Faculty Council 2024-2025 Appointments**

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## Academic Appeals Board (Undergraduate), 2024-2025

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Chair: Don Kirk | Vice-Chair: Harry Ruda

APPOINTMENT TYPE	NAME	CONSTITUENCY	EMAIL	TERM	EXPIRES / REVIEWED
<b>Teaching Staff (7)</b>	Carrick, Roger	Engineering Science	roger.carrick@utoronto.ca	3 years	Aug 31, 2026
	Consens, Mariano	Mechanical & Industrial Engineering	mariano.consens@utoronto.ca	3 years	Aug 31, 2025
	Dawson, Francis	Electrical & Computer Engineering	dawson@ece.utoronto.ca	3 years	Aug 31, 2027
	Harrison, John*	Civil & Mineral Engineering	john.harrison@utoronto.ca	3 years	Aug 31, 2026
	Kirk, Don	Chemical Engineering & Applied Chemistry	don.kirk@utoronto.ca	3 years	Aug 31, 2026
	Ruda, Harry	Materials Science & Engineering	harry.ruda@utoronto.ca	3 years	Aug 31, 2025
	Sheridan, Patricia**	Transdisciplinary Engineering Education & Practice	patricia.sheridan@utoronto.ca	3 years	Aug 31, 2025
<b>Undergraduate Students (minimum 7)</b>	Chen, Jason	Undergraduate Student (Y2 – T1)	jljason.chen@mail.utoronto.ca	1 year	Aug 31, 2025
	Choksi, Tithi	Undergraduate Student (Y2 – Mech)	tithi.choksi@mail.utoronto.ca	1 year	Aug 31, 2025
	Du, Matthew	Undergraduate Student (PEY – Mech)	matthew.du@mail.utoronto.ca	1 year	Aug 31, 2025
	Garcia, Alexis Kuri	Undergraduate Student (Y2 – MSE)	helene.kurigarcia@mail.utoronto.ca	1 year	Aug 31, 2025
	Makheja, Gautam	Undergraduate Student (PEY – EngSci)	gautam.makheja@mail.utoronto.ca	1 year	Aug 31, 2025
	Mezei, Katy	Undergraduate Student (Y2 – Chem)	katy.mezei@mail.utoronto.ca	1 year	Aug 31, 2025
	Misra, Tarun	Undergraduate Student (Y4 – ECE)	tarun.misra@mail.utoronto.ca	1 year	Aug 31, 2025
	Wong, Kaitlyn	Undergraduate Student (Y3 – Mech)	kait.wong@mail.utoronto.ca	1 year	Aug 31, 2025
	Wu, Sunny	Undergraduate Student (Y2 – ECE)	sun.wu@mail.utoronto.ca	1 year	Aug 31, 2025
	Xu, Jennifer	Undergraduate Student (Y3 – Chem)	jenn.xu@mail.utoronto.ca	1 year	Aug 31, 2025
	Xu, Jim	Undergraduate Student (Y2 – ECE)	jimq.xu@mail.utoronto.ca	1 year	Aug 31, 2025
<b>Ex-officio (Non-voting)</b>	Bright, Helen	Faculty Registrar	helen.bright@utoronto.ca	Ongoing	--
<b>Recording Secretary (Non-voting)</b>	Luna Yong, Andrea	Advisor, Registrarial Communications	andrea.lunayong@utoronto.ca	Ongoing	Periodically

\*CivMin: John Harrison replaces Shamim Sheikh 2024-2025. \*\* ISTEP: Patricia Sheridan replaces Elham Marzi in 2024-2025.

Domain: With respect to undergraduate programs, AAB(U) is responsible for hearing appeals of undergraduate students against decisions of the Standing Committees of Council relating to petitions for exemptions from the application of academic regulations or standards and to make rulings on such appeals. An AAB(U) appeal decision is final within the Faculty of Applied Science & Engineering; however, its decisions may be appealed to Governing Council's Academic Appeals Committee (AAC).

Term: Sep 1 until Aug 31 of the following year.

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## Engineering Graduate Education Committee (EGEC) – 2024-2025

FC Oct 24/24, p.25

Chair: Lisa Romkey | Vice-Chair: Hai-Ling (Margaret) Cheng

APPOINTMENT TYPE	NAME	CONSTITUENCY	EMAIL	TERM	EXPIRES/ REVIEWED
<b>Teaching Staff (8)</b>	Cheng, Hai-Ling (Margaret)	Biomedical Engineering	hailing.cheng@utoronto.ca	3 years	Jun 30, 2026
	Diller, Eric	Mechanical & Industrial Engineering	ediller@mie.utoronto.ca	3 years	Jun 30, 2027
	Groth, Clinton	Aerospace Studies	groth@utias.utoronto.ca	3 years	Jun 30, 2026
	Howe, Jane	Materials Science & Engineering	jane.howe@utoronto.ca	3 years	Jun 30, 2026
	Liscidini, Antonio	Electrical & Computer Engineering	antonio.liscidini@utoronto.ca	3 years	Jun 30, 2026
	Posen, Daniel	Civil & Mineral Engineering	acgrad.civmin@utoronto.ca	3 years	Jun 30, 2027
	Ramchandran, Arun	Chemical Engineering & Applied Chemistry	arun.ramchandran@utoronto.ca	3 years	Jun 30, 2025
	Romkey, Lisa	Transdisciplinary Engineering Education & Practice	lisa.romkey@utoronto.ca	3 years	Jun 30, 2025
<b>Members-at-Large (4)</b>	Seip, Tess	Graduate Student	tess.seip@mail.utoronto.ca	1 year	Jun 30, 2025
	Di Battista, Vanessa	Alumni/ae (Civil 1T2)	Vanessa.Di.Battista@usherbrooke.ca	3 years	Jun 30, 2025
	Van Beers, Saskia	Graduate Student	saskia.vanbeers@mail.utoronto.ca	1 year	Jun 30, 2025
	Kelly, Colleen	Non-academic Staff (Graduate Counsellor)	civ.gradprograms@utoronto.ca	3 years	Jun 30, 2026
<b>Ex-officio (2)</b>	Audet, Julie	Vice-Dean, Graduate Studies	julie.audet@utoronto.ca	Ongoing	--
	Draper, Stark	Vice-Dean, Research	stark.draper@utoronto.ca	Ongoing	--
<b>Recording Secretary (Non-voting)</b>	Duong, David	Faculty Graduate Coordinator	d.duong@utoronto.ca	Ongoing	Periodically

With respect to graduate studies, EGEC is responsible for the following. See Council Bylaws for a list of exclusions.

1. New graduate courses, minor and major course changes and minor and major program changes
2. Graduate Degree Level Expectations (GDLEs)
3. Faculty-originated, graduate-supervisor awards and University-level nominations
  - a. Scholarships and awards
  - b. Faculty-originated scholarships/awards
  - c. Post-doc University-level nominations
4. Faculty-level implementation of SGS policies and best practice, e.g., admissions, student supervisory committees, supervision, stipends, assessment and grading in courses
5. Professional development
6. Petitions and appeals of graduate students taking 500-level courses - limited to personal matters, e. g. extensions, missed exams (academic matters being adjudicated by the Examinations Committee)

Term: Jul 1 of each academic year until Jun 30 of that academic year.

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**Inclusivity, Diversity & Equity Advisory (IDEA) Committee – 2024-2025**

FC Oct 24/24, p.26

Chair: Philip Asare | Vice-Chair: Daeho Kim

APPOINTMENT TYPE	NAME	CONSTITUENCY	EMAIL	TERM	EXPIRES / REVIEWED
<b>Teaching Staff (9)</b>	Aleman, Dionne	Mechanical & Industrial Engineering	dionne.aleman@utoronto.ca	3 years	Jun 30, 2025
	Asare, Philip	Transdisciplinary Engineering Education & Practice	philip.asare@utoronto.ca	3 years	Jun 30, 2026
	Asare, Philip	Engineering Science	philip.asare@utoronto.ca	3 years	Jun 30, 2026
	Hooper, Morgan	Aerospace Studies	morgan.hooper@utoronto.ca	3 years	Jun 30, 2027
	Kim, Daeho	Civil & Mineral Engineering	civdaeho.kim@utoronto.ca	3 years	Jun 30, 2025
	Mann, Steve	Electrical & Computer Engineering	mann@eecg.utoronto.ca	3 years	Jun 30, 2027
	Matsuura, Naomi	Materials Science & Engineering	naomi.matsuura@utoronto.ca	3 years	Jun 30, 2027
	Truong, Kevin	Biomedical Engineering	kevin.truong@utoronto.ca	3 years	Jun 30, 2025
	Yan, Ning	Chemical Engineering & Applied Chemistry	ning.yan@utoronto.ca	3 years	Jun 30, 2026
<b>Members-at-Large (11)</b>	Abbo, Norna	Graduate Student	norna.abbo@mail.utoronto.ca	1 year	Jun 30, 2025
	Chen, Jason	Undergraduate Student (Y2 – MSE)	jljason.chen@mail.utoronto.ca	1 year	Jun 30, 2025
	Du, Matthew	Undergraduate Student (PEY – Mech)	matthew.du@mail.utoronto.ca	1 year	Jun 30, 2025
	Garcia, Alexis Kuri	Undergraduate Student (Y2 – MSE)	helene.kurigarcia@mail.utoronto.ca	1 year	Jun 30, 2025
	Hameed, Sania	Non-Academic Staff (Associate Director, Teaching, Learning & Student Experiences)	sania.hameed@utoronto.ca	3 years	Jun 30, 2027
	Herrera, Michel	Undergraduate Student (Y2 – T1)	mikey.herreraviyella@mail.utoronto.ca	1 year	Jun 30, 2025
	Jia, Katherine (Kat)	Undergraduate Student (Y4 – Mech)	vpacademic@skule.ca	1 year	Jun 30, 2025
	Pinto, Fahad	Non-Academic Staff (Communication & Media Relations Strategist)	fahad.pinto@utoronto.ca	3 years	Jun 30, 2025
	Yu, Keanna Zoe	Graduate Student	Keayu24@gmail.com	1 year	Jun 30, 2025
	Wong, David*	Alumni/ae (EngSci OT6)	david.wong@thomsonreuters.com	3 years	Jun 30, 2025
	Xu, Jennifer	Undergraduate Student (Y3 – Chem)	jenn.xu@mail.utoronto.ca	1 year	Jun 30, 2025
<b>Ex-officio (8)</b>	Audet, Julie	Vice-Dean, Graduate Studies	julie.audet@utoronto.ca	Ongoing	--
	Bentz, Evan	Vice-Dean, Undergraduate	vicedean@engineering.utoronto.ca	Ongoing	--
	Bright, Helen	Faculty Registrar	helen.bright@utoronto.ca	Ongoing	--

	Draper, Stark	Vice-Dean, Research	stark.draper@utoronto.ca	Ongoing	FOI 24-00024, p.27
	Gerrard, Darlee**	Associate Director, Engineering Student Outreach Office	darlee.gerrard@utoronto.ca	Ongoing	--
	Kilkenny, Dawn	Vice-Dean, First Year	vdfy@engineering.utoronto.ca	Ongoing	--
	Schvarczkopf, Ingrid	Director, Engineering Student Recruitment & Retention	ingrid.schvarczkopf@ecf.utoronto.ca	Ongoing	--
	Sterling, Marisa	Director, Diversity, Inclusion & Professionalism	marisa.sterling@utoronto.ca	Ongoing	--
<b>Subject Matter Experts (Non-voting) (4)</b>	Aleman, Dionne	Engineering Positive Space Committee Representative	dionne.aleman@utoronto.ca	Ongoing	Periodically
	Asare, Philip	Dean's Advisor on Black Inclusivity Initiatives	philip.asare@utoronto.ca	Ongoing	Periodically
	Bazylak, Jason	Dean's Advisor on Indigenous Initiatives	jason.bazylak@utoronto.ca	Ongoing	Periodically
	Stickel, Micah	Engineering Equity, Diversity, and Inclusion Action Group Representative	m.stickel@utoronto.ca	Ongoing	Periodically
<b>Recording Secretary (Non-voting)</b>	Kang, Julie	First Year Academic Advisor, Access & Inclusion	jh.kang@utoronto.ca	Ongoing	Periodically

\*For emails to schedule meetings, cc Christina.Park@thomsonreuters.com.

\*\*Darlee Gerrard replaces Dawn Britton during Dawn's leave.

Domain: With respect to undergraduate and graduate students, teaching staff, and non-academic staff, IDEA is responsible for: Equity, Diversity and Inclusion, including aspects of member experience, safety and belonging, professional conduct, and diversity in all its dimensions, including but not limited to race, ethnicity, gender identity, sexual orientation, religion, age, ability, legal status, Indigenous identity and socioeconomic background.

Term: Jul 1 of each academic year until Jun 30 of that academic year.

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**Research Committee (RC) – 2024-2025**

FC Oct 24/24, p.28

Chair: Stark Draper (Ex Officio)

<b>APPOINTMENT TYPE</b>	<b>NAME</b>	<b>CONSTITUENCY</b>	<b>EMAIL</b>	<b>TERM</b>	<b>EXPIRES/ REVIEWED</b>
<b>Teaching Staff (8)*</b>	Chin, Cathy	Chemical Engineering & Applied Chemistry	cathy.chin@utoronto.ca	1 year	Jun 30, 2025
	Dolatabadi, Ali	Mechanical & Industrial Engineering	ali.dolatabadi@utoronto.ca	1 year	Jun 30, 2025
	Khan, Omar	Biomedical Engineering	dr.khan@utoronto.ca	1 year	Jun 30, 2025
	Kwon, Oh-Sung	Civil & Mineral Engineering	os.kwon@utoronto.ca	1 year	Jun 30, 2025
	Lavoie, Philip	Aerospace Studies	lavoie@utias.utoronto.ca	1 year	Jun 30, 2025
	Li, Baochun	Electrical & Computer Engineering	bli@ece.toronto.edu	1 year	Jun 30, 2025
	Rottmann, Cindy	Transdisciplinary Engineering Education & Practice	cindy.rottmann@utoronto.ca	1 year	Jun 30, 2025
	Matsuura, Naomi	Materials Science & Engineering	naomi.matsuura@utoronto.ca	1 year	Jun 30, 2025
<b>Ex-officio (2)</b>	Draper, Stark	Vice-Dean, Research	stark.draper@utoronto.ca	Ongoing	--
	Yip, Christopher	Dean	dean.engineering@utoronto.ca	Ongoing	--
<b>Subject Matter Experts (2) (Non-voting)</b>	Footman, Elaine	Director, FASE Research Operations	director.research@engineering.utoronto.ca	Ongoing	--
	Vissa, Adriano	Executive Director, Partnerships	adriano.vissa@utoronto.ca	Ongoing	Periodically
<b>Recording Secretary (Non-voting)</b>	Footman, Elaine	Director, FASE Research Operations	director.research@engineering.utoronto.ca	Ongoing	Periodically

\*Teaching Staff members are usually Associate Chairs or Directors, Research.

Domain: (1) Serve as an advisory and coordinating body to advance engineering research excellence and innovation, and strengthen the Faculty's research community; and (2) provide advice on research matters pertaining to strategic planning, and support implementation of the strategic research plan.

Term: Jul 1 of each academic year until Jun 30 of that academic year.

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## Teaching Methods & Resources Committee (TMRC) – 2024-2025

FC Oct 24/24, p.29

Chair: David Steinman | Vice-Chair: Michael Guerzhoy

APPOINTMENT TYPE	NAME	CONSTITUENCY	EMAIL	TERM	EXPIRES / REVIEWED
<b>Teaching Staff (9)</b>	Bouwmeester, Chris	Biomedical Engineering	chris.bouwmeester@utoronto.ca	3 years	Jun 30, 2027
	Ramsay, Scott	Materials Science & Engineering	scott.ramsay@utoronto.ca	3 years	Jun 30, 2025
	Emami, Reza	Aerospace Studies	reza.emami@utoronto.ca	3 years	Jun 30, 2026
	Galatro, Daniela	Chemical Engineering & Applied Chemistry	daniela.galatro@utoronto.ca	3 years	Jun 30, 2026
	Guerzhoy, Michael	Engineering Science	michael.guerzhoy@utoronto.ca	3 years	Jun 30, 2027
	Lee, Seungjae	Civil & Mineral Engineering	sjae.lee@utoronto.ca	3 years	Jun 30, 2025
	Lofgreen, Jennifer	Transdisciplinary Engineering Education & Practice	j.lofgreen@utoronto.ca	3 years	Jun 30, 2026
	Steinman, David	Mechanical & Industrial Engineering	david.steinman@utoronto.ca	3 years	Jun 30, 2025
	Wang, Belinda	Electrical & Computer Engineering	belinda.wang@utoronto.ca	3 years	Jun 30, 2027
<b>Members-at-Large (4)</b>	Seaman, Kimberly	Graduate Student	kimberly.seaman@utoronto.ca	1 year	Jun 30, 2025
	Fawzy, Abdullah	Undergraduate Student (PEY – EngSci)	abdullah.fawzy@mail.utoronto.ca	1 year	Jun 30, 2025
	Memarian, Bahar	Alumni/ae (ECE 1T2, MSc 1T5 & PhD 2T1)	memarianbahar@gmail.com	3 years	Jun 30, 2025
	Sing, Rhianna	Undergraduate Student (Y3 – EngSci)	rhianna.sing@mail.utoronto.ca	1 year	Jun 30, 2025
<b>Ex-officio (3)</b>	Bentz, Evan	Vice-Dean, Undergraduate	vicedean@engineering.utoronto.ca	Ongoing	--
	Bright, Helen	Faculty Registrar	helen.bright@utoronto.ca	Ongoing	--
	Kilkenny, Dawn	Vice-Dean, First Year	vdfy@engineering.utoronto.ca	Ongoing	--
<b>Subject Matter Experts (Non-voting) (3)</b>	Henshilwood, Angela	Librarian, Engineering and Computer Science Library	angela.henshilwood@utoronto.ca	Ongoing	Periodically
	Tabassum, Mehnaz	Learning Strategist	mehnaz.tabassum@utoronto.ca	Ongoing	Periodically
	Van Beek, Allison	Faculty Technology Specialist	allison.vanbeek@utoronto.ca	Ongoing	Periodically
<b>Recording Secretary (Non-voting)</b>	Hameed, Sania	Associate Director, Teaching, Learning & Student Experience	sania.hameed@utoronto.ca	Ongoing	Periodically

Domain: With respect to undergraduate and graduate classroom/course instruction, TMRC is responsible for (1) teaching methods, resources, and aids; and (2) evaluating and rewarding teaching effectiveness. Term: Jul 1 of each academic year until Jun 30 of that academic year.

## Undergraduate Admissions Committee (ADM) – 2024-2025

Chair: Alan Chong | Vice-Chair: Ervin Sejdić

FC Oct 24/24, p.30

APPOINTMENT TYPE	NAME	CONSTITUENCY	EMAIL	TERM	EXPIRES / REVIEWED
<b>Teaching Staff (6)</b>	Benhabib, Beno	Mechanical & Industrial Engineering	beno.benhabib@utoronto.ca	3 years	Jun 30, 2027
	Chong, Alan*	Engineering Science	alan.chong@utoronto.ca	3 years	Jun 30, 2025
	Hattrick-Simpers, Jason	Materials Science & Engineering	jason.hattrick.simpers@utoronto.ca	3 years	Jun 30, 2026
	Mercan, Oya	Civil & Mineral Engineering	oya.mercan@utoronto.ca	3 years	Jun 30, 2027
	Sejdić, Ervin	Electrical & Computer Engineering	ervin.sejdic@utoronto.ca	3 years	Jun 30, 2026
	Papangelakis, Vlad	Chemical Engineering & Applied Chemistry	vladimiro.papangelakis@utoronto.ca	3 years	Jun 30, 2025
<b>Members-at-Large (1)</b>	Mohammad, Sarvnaz Ale	Undergraduate Student (Y3 – EngSci)	sarvnaz.ale@mail.utoronto.ca	1 year	Jun 30, 2025
<b>Ex-officio (3)</b>	Bentz, Evan	Vice-Dean, Undergraduate	vicedean@engineering.utoronto.ca	Ongoing	--
	Bright, Helen	Faculty Registrar	helen.bright@utoronto.ca	Ongoing	--
	Kilkenny, Dawn	Vice-Dean, First Year	vdfy@engineering.utoronto.ca	Ongoing	--
<b>Subject Matter Experts (Non-voting) (10)</b>	Berardi, Irma	Undergraduate Admissions Staff (EngSci)	engsci12.intl@utoronto.ca	Ongoing	Periodically
	Hsin, Agnes	Undergraduate Admissions Staff (MSE)	agnes.hsin@utoronto.ca	Ongoing	Periodically
	Hunter, Kendra	Undergraduate Admissions Staff (MIE)	kendra.hunter@utoronto.ca	Ongoing	Periodically
	Kang, Julie	Undergraduate Admissions Staff (Track One)	jh.kang@utoronto.ca	Ongoing	Periodically
	Lin, Sherry	Associate Registrar and Director, Admissions	sherry.lin@utoronto.ca	Ongoing	Periodically
	Martini, Pauline	Undergraduate Admissions Staff (CivMin)	pauline.martini@utoronto.ca	Ongoing	Periodically
	Peters, Tracey	Undergraduate Admissions Staff (ChemE) (Acting)	ugrad.chemeng@utoronto.ca	Ongoing	Periodically
	Puvitharan, Meera	Undergraduate Admissions Staff (ECE)	meera.puvitharan@utoronto.ca	Ongoing	Periodically
	Schvarczkopf, Ingrid	Director, Engineering Student Recruitment & Retention Office	ingrid.schvarczkopf@utoronto.ca	Ongoing	Periodically
	Sterling, Marisa	Director, Diversity, Inclusion & Professionalism	marisa.sterling@utoronto.ca	Ongoing	Periodically
<b>Recording Secretary (Non-voting)</b>	Pathan, Asma	Applicant Support & Admissions Counsellor, Registrar's Office	asma.pathan@utoronto.ca	Ongoing	Periodically

\*EngSci: Alan Chong replaces Rob Irish in 2024-2025.

Domain: Re undergraduate programs, the Undergraduate Admissions Committee (ADM) is responsible for (1) admissions, (2) advanced standing, (3) enrolment planning policy, and (4) awards for incoming first year students.

Term: Jul 1 of each academic year until Jun 30 of that academic year.

Rev. 6/11/2024 12:35 PM

## Undergraduate Assessment Committee (UAC) – 2024-2025

FC Oct 24/24, p.31

Chair: Vlad Papangelakis | Vice-Chair: Arthur Chan

APPOINTMENT TYPE	NAME	CONSTITUENCY	EMAIL	TERM	EXPIRES/ REVIEWED
<b>Teaching Staff (7)</b>	Adve, Ravi	Electrical & Computer Engineering	rsadve@ece.utoronto.ca	3 years	Jun 30, 2026
	Andrews, Susan*	Civil & Mineral Engineering	susan.andrews@utoronto.ca	3 years	Jun 30, 2025
	Chan, Arthur	Engineering Science	arthurwh.chan@utoronto.ca	3 years	Jun 30, 2026
	Howe, Jane	Materials Science & Engineering	jane.howe@utoronto.ca	3 years	Jun 30, 2027
	Lee, Chi-Guhn	Mechanical & Industrial Engineering	cglee@mie.utoronto.ca	3 years	Jun 30, 2025
	Papangelakis, Vlad	Chemical Engineering & Applied Chemistry	vladimiro.papangelakis@utoronto.ca	3 years	Jun 30, 2026
	Tallman, Ken	Transdisciplinary Engineering Education & Practice	k.tallman@utoronto.ca	3 years	Jun 30, 2025
<b>Members-at-Large (5)<sup>1</sup></b> <small>At any given meeting, only two undergraduate students will count toward quorum and be permitted to vote.</small>	Abbas, Badr	Undergraduate Student (Y4 – Chem)	badr.abbas@mail.utoronto.ca	1 year	Jun 30, 2025
	Fang, Edith	Undergraduate Student (Y3 – EngSci)	edith.fang@mail.utoronto.ca	1 year	Jun 30, 2025
	Hari, Mukund	Undergraduate Student (Y4 – Indy)	mukund.hari@mail.utoronto.ca	1 year	Jun 30, 2025
	TBD	Non-academic Staff (Departmental Undergraduate Academic Advisor)		3 years	Jun 30, 2025
	Zhu, Elena Yijia	Undergraduate Student (Y2 – Indy)	elenay.zhu@mail.utoronto.ca	1 year	Jun 30, 2025
<b>Ex-officio (3)</b>	Bentz, Evan	Vice-Dean, Undergraduate	vicedean@engineering.utoronto.ca	Ongoing	--
	Bright, Helen	Faculty Registrar	helen.bright@utoronto.ca	Ongoing	--
	Kilkenny, Dawn	Vice-Dean, First Year	vdfy@engineering.utoronto.ca	Ongoing	--
<b>Subject Matter Experts (Non-voting)</b>	Curtis, Shayni Clarke	Undergraduate Academic Advisor (CIV)	shayni.curtis@utoronto.ca	Ongoing	Periodically
	Curtis, Shayni Clarke	Undergraduate Academic Advisor (MIN)	shayni.curtis@utoronto.ca	Ongoing	Periodically
	Doan, Khuong	Associate Registrar	khuong.doan@utoronto.ca	Ongoing	Periodically
	Johns, Stephen	Undergraduate Academic Advisor (EngSci)	engsci12@utoronto.ca	Ongoing	Periodically
	Lesmond, Gayle / Sventzouris, Yanna	Undergraduate Academic Advisor (IE)	gayle.lesmond@utoronto.ca / yanna.sventzouris@utoronto.ca	Ongoing	Periodically
	Lesmond, Gayle / Sventzouris, Yanna	Undergraduate Academic Advisor (ME)	gayle.lesmond@utoronto.ca / yanna.sventzouris@utoronto.ca	Ongoing	Periodically
	Peters, Tracey	Undergraduate Academic Advisor (CHE)	ugrad.chemeng@utoronto.ca	Ongoing	Periodically

	TBD	Undergraduate Academic Advisor (CE)		Ongoing	Periodically
	TBD	Undergraduate Academic Advisor (EE)		Ongoing	Periodically
	Jen Fabro	Undergraduate Academic Advisor (FYO)	jen.fabro@utoronto.ca	Ongoing	Periodically
	TBD	Undergraduate Academic Advisor (MSE)		Ongoing	Periodically
<b>Recording Secretary (Non-voting)</b>	Alves, Sparkle	Student Records Assessor & Examinations Coordinator, Registrar's Office	s.alves@utoronto.ca	Ongoing	Periodically

\*CivMin: Susan Andrews replaces Paul Gauvreau in 2024-2025.

<sup>1</sup>Four undergraduate students will be voting members in order to share the considerable burden of the work of this committee among four rather than two students. At any given meeting, only two undergraduate students will count toward quorum and be permitted to vote.

Domain: With respect to undergraduate programs or courses, UAC is responsible for the following. See Council Bylaws for a list of exclusions.

1. Course-level grading practices and standards (including 500-level courses) Note: that instructors "recommend" course grades but the committee determines final grades.
2. Academic standing including honours, promotion, and Dean's List
3. Policy concerning final exams, e.g., schedule, duration, calculators, requests for regrading and exam viewing, and invigilation
4. Use of non-grade statements and symbols (e.g., EXT, INC, SDF)
5. Petitions in final exams and for special consideration: e.g., grades, promotion regulations, academic standing, late withdrawals, re-enrolment, awarding of degrees, and non-grade symbols and statements
6. Policies concerning term work petitions

Term: Jul 1 of each academic year until Jun 30 of that academic year.

Rev. 7/22/2024 2:40 PM



## Undergraduate Curriculum Committee (UCC) – 2024-2025

FC Oct 24/24, p.33

Chair: Edmond Young | Vice-Chair: Peter Grant

APPOINTMENT TYPE	NAME	CONSTITUENCY	EMAIL	TERM	EXPIRES/ REVIEWED
<b>Teaching Staff (9)</b>	Dai-Hattrick, Liyang	Materials Science & Engineering	liyang.dai.hattrick@utoronto.ca	3 years	Jun 30, 2025
	Cohen, Shai	Transdisciplinary Engineering Education & Practice	sh.cohen@utoronto.ca	3 years	Jun 30, 2027
	Ekmekci, Alis	Aerospace Studies	ekmekci@utias.utoronto.ca	3 years	Jun 30, 2025
	Esmaeili, Kamran*	Civil & Mineral Engineering	kamran.esmaeili@utoronto.ca	3 years	Jun 30, 2027
	Fernandez-Gonzalez, Rodrigo	Biomedical Engineering	rodrigo.fernandez.gonzalez@utoronto.ca	3 year	Jun 30, 2026
	Grant, Peter	Engineering Science	peter.grant@utoronto.ca	3 years	Jun 30, 2025
	Mahadevan, Krishna	Chemical Engineering & Applied Chemistry	krishna.mahadevan@utoronto.ca	3 years	Jun 30, 2027
	Trescases, Olivier	Electrical & Computer Engineering	ot@ece.utoronto.ca	3 years	Jun 30, 2025
	Young, Edmond	Mechanical & Industrial Engineering	edmond.young@utoronto.ca	3 years	Jun 30, 2026
<b>Members-at-Large (2)</b>	Wu, Ian	Undergraduate Student (Y3 EngSci)	ii.wu@mail.utoronto.ca	1 year	Jun 30, 2025
	Zhang, Sherry	Undergraduate Student (Y3 – Indy)	sherryzh.zhang@mail.utoronto.ca	1 year	Jun 30, 2025
<b>Ex-officio (7)</b>	Aleman, Dionne	Associate Dean, Cross-Disciplinary Programs	aleman@mie.utoronto.ca	Ongoing	--
	Bentz, Evan	Vice-Dean, Undergraduate	vicedean@engineering.utoronto.ca	Ongoing	--
	Bright, Helen	Faculty Registrar	helen.bright@utoronto.ca	Ongoing	--
	Jia, Katherine (Kat) <sup>1</sup>	Engineering Society Vice President, Academic	vpacademic@skule.ca	Ongoing	Jun 30, 2025
	Kilkenny, Dawn	Vice-Dean, First Year	vdfy@engineering.utoronto.ca	Ongoing	--
	Sterling, Marisa	Director, Diversity, Inclusion & Professionalism	marisa.sterling@utoronto.ca	Ongoing	--
	Variawa, Chirag	Director, First Year Curriculum	chirag.variawa@utoronto.ca	Ongoing	--
<b>Subject Matter Experts (Non-voting) (4)</b>	Brown, Sharon	Assistant Director, Cross-Disciplinary Programs	s.brown@utoronto.ca	Ongoing	Periodically
	Henshilwood, Angela	Librarian, Engineering and Computer Science Library	angela.henshilwood@utoronto.ca	Ongoing	Periodically
	Rayees, Zeeshan	Director, Academic Scheduling	z.rayees@utoronto.ca	Ongoing	Periodically
	Sania Hameed	Faculty Teaching and Learning Specialist	sania.hameed@utoronto.ca	Ongoing	Periodically

<sup>1</sup> While this ex officio role is ongoing, the Engineering Society's Vice-President, Academic is elected annually.

<b>Recording Secretary (Non-voting)</b>	Kennedy, Pam	Accreditation and Academic Integrity Coordinator	pamela.kennedy@utoronto.ca	Ongoing	Periodically
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\*CivMin: Kamran Esmaeili replaces Matthew Roorda from July 2, 2024 – December 31, 2024.

Domain: With respect to undergraduate programs, UCC is responsible for:

1. Curriculum change
2. Curriculum quality control including:
  - a. Canadian Engineering Accreditation Board (CEAB) Graduate Attributes (GA)
  - b. CEAB Accreditation units (AU)
  - c. U of T Quality Assurance and Degree Level Expectations
3. Selection of sessional dates.

Term: Jul 1 of each academic year until Jun 30 of that academic year.

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## Undergraduate Scholarships & Awards Committee (USAC) – 2024-2025

FC Oct 24/24, p.35

Chair: Jennifer Farmer | Vice-Chair: Ibrahim Ogunsanya

APPOINTMENT TYPE	NAME	CONSTITUENCY	EMAIL	TERM	EXPIRES/ REVIEWED
<b>Teaching Staff (6)</b>	Bazylak, Jason	Mechanical & Industrial Engineering	jason.bazylak@utoronto.ca	3 years	Oct 31, 2027
	Farmer, Jennifer	Chemical Engineering & Applied Chemistry	jennifer.farmer@utoronto.ca	3 years	Oct 31, 2025
	Hooper, Morgan	Engineering Science	morgan.hooper@utoronto.ca	3 years	Oct 31, 2026
	Ogunsanya, Ibrahim	Civil & Mineral Engineering	ibrahim.ogunsanya@utoronto.ca	2 years	Oct 31, 2027
	Perovic, Doug	Materials Science & Engineering	doug.perovic@utoronto.ca	3 years	Oct 31, 2026
	Tate, Zeb	Electrical & Computer Engineering	zeb.tate@utoronto.ca	3 years	Oct 31, 2025
<b>Members-at-Large (3)</b>	Haim, Max	Undergraduate Student (Y3 – ECE)	max.haim@mail.utoronto.ca	1 year	Apr 30, 2025
	Singh, Lavneet	Undergraduate Student (Y2 – ECE)	lavneet.singh@mail.utoronto.ca	1 year	Apr 30, 2025
	Pietropaolo Jamieson, Tessa	Alumni/ae (IndE 1T7)	tessa.pietropaolo@utoronto.ca	3 years	Oct 31, 2025
<b>Ex-officio (4)</b>	Bentz, Evan	Vice-Dean, Undergraduate	vicedean@engineering.utoronto.ca	Ongoing	--
	Bright, Helen	Faculty Registrar	helen.bright@utoronto.ca	Ongoing	--
	Filippone, Pierina	Assistant Registrar, Scholarships & Financial Aid, Registrar's Office	pierina.filippone@utoronto.ca	Ongoing	--
	Kilkenny, Dawn	Vice-Dean, First Year	vdfy@engineering.utoronto.ca	Ongoing	--
<b>Subject Matter Experts (Non-voting)</b>	Curtis, Shayni Clarke	Undergraduate Academic Advisor (CivMin)	shayni.curtis@utoronto.ca	Ongoing	Periodically
	Hameed, Sania	Assistant Director, Student Experience & Teaching Development	sania.hameed@utoronto.ca	Ongoing	Periodically
	Haynes, Janine	Undergraduate Academic Advisor (CHE)	ugradassist.chemeng@utoronto.ca	Ongoing	Periodically
	Johns, Stephen	Undergraduate Academic Advisor (EngSci)	engsci12@utoronto.ca	Ongoing	Periodically
	Lesmond, Gayle / Sventzouris, Yanna	Undergraduate Academic Advisor (MIE)	gayle.lesmond@utoronto.ca / yanna.sventzouris@utoronto.ca	Ongoing	Periodically
	TBD	Undergraduate Academic Advisor (ECE)		Ongoing	Periodically
	Leslie Grife	Undergraduate Academic Advisor (FYO)	leslie.grife@utoronto.ca	Ongoing	Periodically
	TBD	Undergraduate Academic Advisor (MSE)		Ongoing	Periodically
<b>Recording Secretary (Non-voting)</b>	Filippone, Pierina	Assistant Registrar, Scholarships & Financial Aid, Registrar's Office	pierina.filippone@utoronto.ca	Ongoing	Periodically

Domain: With respect to undergraduate programs or courses, USAC is responsible for (1) academic awards, grants and prizes controlled by the Faculty; and (2) promoting student

awareness of external awards and aid. Excluded: awards for incoming first-year students, which are managed by Undergraduate Admissions Committee.

FC Oct 24/24, p.36

Term: Close of the Oct Council meeting each academic year until the close of the Oct Council meeting in the next academic year. Note: the term of Undergraduates Student members-at-large is May 1 – Apr 30.

Rev. 9/6/2024 3:38 PM



**Report No. 3771**

## MEMORANDUM

**To:** Faculty Council of October 24, 2024

**From:** Liane Catalfo, ChemE 0T8, MEng 1T0  
President, Engineering Alumni Network

**Date:** October 9, 2024

**Re:** **Report of the Engineering Alumni Network (EAN) Awards Committee:  
Candidates for the 2024 Engineering Alumni Network Awards; Distinguished  
Alumni Award, Malcolm McGrath Service Award, Research & Innovation  
Award, Rising Star Award**

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### REPORT CLASSIFICATION

This is a routine matter for Council's information. Full details of the awards can be found on the [Engineering Alumni Network Awards website](#).

### 2024 EAN Award Recipients

#### Distinguished Alumni Award

**Dr. Jeff Karp** (ChemE PhD 0T4) is a renowned innovator dedicated to translating scientific discoveries into clinical solutions that directly impact patients. A Professor at Harvard Medical School and the Harvard-MIT Division of Health Sciences and Technology, he leads pioneering research in tissue adhesives, bioinspired medical solutions and stem cell therapeutics. He is a globally recognized scientist, authoring over 165 papers, holding 100+ patents and co-founding 12 startups that have raised over \$500 million. Dr. Karp's creativity continues to push boundaries, and he exemplifies how passion and dedication can make a significant difference in the world.

#### Malcolm McGrath Service Award

**Rob West** (ChemE 8T1) has made a lasting impact on U of T through his decades-long dedication to community building and mentorship. A former Skule Nite participant, West has mentored every director since, earning him titles like 'Godfather of Skule Nite.' His leadership has maintained important traditions and inspired generations, raising over \$50,000 to support students pursuing extra-curricular activities. His impact extends beyond awards and accolades. His legacy is one of inspiration, mentorship and community-building, reminding us that true success lies not only in personal achievements but in lifting others along the way.

#### Research & Innovation Award

**Dr. Amir Manbachi's** (EngSci OT8, BME MASC 1T0, PhD 1T5) doctoral research led to the creation of Spinesonics Medical Inc., which developed an ultrasound device for spinal surgery, earning him U of T's Inventor of the Year award in 2015. An Associate Professor at John Hopkins University, he mentors students and has authored numerous publications, earning accolades like the Baltimore Business Journal's 40 Under 40 and the 2024 Terasaki Institute's Young Innovator Award. He co-founded HEPIUS Innovation Labs, focusing on next-generation wearable medical devices. He exemplifies the power of following one's dreams and reminds us that innovation knows no bounds.

### **Rising Star Award**

**Olugbenga Olubanjo** (CivE MASC 1T9) is a visionary leader, driven by a passion for social impact and sustainable development. His company Reeddi Inc., created the Reeddi capsule which provides clean, affordable energy to energy-poor regions and was named one of TIME's Best Inventions of 2021. He served as former Co-Chair of the Massey College Community Service Committee, demonstrating his commitment to community service. His unwavering "why-not" attitude and visionary leadership light the way toward a better future and exemplify the transformative power of an engineering education.

The Committee received zero nominations this year in the category of Honourary Member.

### **EAN Awards Adjudication Committee**

The 2024 Committee comprised the EAN Board Awards Chair (**Joelle Javier**), EAN Adjudicators (alumni and previous EAN Award recipients; **Caprice Boisvert, Paul Cadario, Andrew Forde, Deborah Goodings, Dana Kokoska, Alvin Mok, Shawn Qu**), and ex-officio staff members from the Office of Advancement (Sonia De Buglio and Shannon Osborne).