

**Minutes of the Meeting of the KPE Faculty Council  
September 27, 2024, 10am  
Virtual Meeting, Zoom**

**Present:** Amina Abdul Jalil, Andrew Alvarez, Catherine Amara, Andrew Alvarez, Joseph Baker, Sarah Baker, Timothy Burkhart, Simon Darnell, Kristine Drakich, David Frost, Caroline Fusco, Terry Gardiner, Carl Georgevski, Jodh Gill, Paul Handley, Michael Hutchison, Ira Jacobs, Gretchen Kerr, Marius Locke, Lynda Mainwaring, Devonnia Miller, Wendy Pais, Boba Samuels, Daniel Sailofsky, Daniel Santa Mina (Vice-Chair), Rachel Scarcello, Ashley Stirling, Samira Sunderji, Tim Taha, Katherine Tamminen, Luc Tremblay (Chair), Linda Trinh, Timothy Welsh

**Guests:** Dorian D'Angelo, Jen Krol, Maryanne McCormick, Paul Morrison

**Regrets:** Kelly Arbour-Nicitopoulos, Robert Bentley, Ennis Blentic, Joyce Chen, Michael Cournoyea, Jenna Gillen, Jack Goodman, Janelle Joseph, Danielle Lawrence, Tricia McGuire-Adams, Madeleine Orr, Sabrina Razack, Nicole Ryan, Catherine Sabiston, Lucy Tempest, Linda Trinh

**Secretary:** Meredith Strong

1. **Call to Order and Introductions** – The Chair called the meeting to order at 10:05 am. The Chair then acknowledged the land on which the University of Toronto operates. Faculty Council members and guests in attendance were asked to briefly introduce themselves.
2. **Approval of Agenda (Motion: Mainwaring/Stirling)**  
Prof. Jacobs requested that item 6 e be move to 6a.  
Motion to amend the agenda (Jacobs/Miller).  
The motion was carried with a majority vote.
3. **Approval of Minutes**  
The minutes from the May 22, 2024, Faculty Council meeting were accepted as presented. (Motion: Mainwaring/Amara).  
The motion was carried with a majority vote.

**Business Arising out of Minutes**

There was no Business Arising from the Minutes

4. **Orientation to Faculty Council – M. Strong**  
Executive Director, Strategic Initiatives Meredith Strong presented an overview of the role, responsibilities, and structure of the KPE Governance structure as indicated in the attached presentation. She also noted the potential changes to the Faculty Council By-Laws that will be discussed further at Council.  
There were no questions.
5. **Committee Reports**
  - a. **Executive Committee – G. Kerr**
    - *Presentation for information: Proposed KPE Faculty Council By-law changes*  
The Chair invited Professor Kerr to present her report on the Executive Committee and on the proposed changes to the KPE Faculty Council By-laws. The following points were highlighted:
      - Standing Committees report to Faculty Council and responsibilities reflect delegated authority from Council. They have specific functions, but, importantly, do not represent all the work being done by the Faculty.

- Standing Committees will provide approval (where delegated), oversight and advice.
- The following committees are proposed to be removed as Standing Committees of Faculty Council: Awards, Equity, Examinations, Restricted Funds, and Sponsorship. The work of the Equity Committee will be embedded into committees. The examination committee functions will be assigned to administration with a report to Faculty Council. Oversight of functions in the Sponsorship and Restricted Funds Committee are outlined in UofT policy and are the responsibility of administration.

Dean Kerr provided some examples of proposed changes to the functions and indicated that the item would be returning to Faculty Council later in the year for approval.

A member provided the following comments: the membership of all committees should include faculty members from diverse disciplines; the role of the curriculum and graduate committees needs to consider course content across the Faculty; and how EDI principles will be embedded into the work of the committees. Further, the member requested that the membership of standing committees include a representative with equity, diversity and inclusion expertise as the Director, EDI may not be able to sit on all committees.

A member asked if diverse representation of Faculty members was required on the Appeals Committee given the type of appeal cases coming forward and if a quorum for the Appeals Committee could be added to ensure a timely meeting.

Prof. Stirling proposed that changes to calendar entries are included in the functions of the Curriculum and Graduate Committee as these are minor modifications.

Another member questioned the membership of committees given the subsequent motion to approve the Standing Committee membership for 2024-2025. Dean Kerr confirmed that the current By-laws, and the membership articulated in those By-Laws remain in place until the proposed By-Laws are passed by Faculty Council.

In discussion, it was also suggested that the membership of committees could indicate “Director, EDI or designate”.

Dean Kerr thanked the members for their comments and important input and concluded her report with the following motion.

*Motion: That Faculty Council endorse the recommendation of the Executive Committee that the composition of the Faculty Council Standing Committees for 2024/25 be approved as reflected in the accompanying table dated September 20, 2024. (Motion: Kerr/Jacobs)*

There were no questions from members.

The motion was carried with a majority vote.

**b. Undergraduate Examinations – C. Amara**

Professor Amara reported that the Undergraduate examination committee received 101 petitions since May 15, 2024. Most the petitions were related to term work, accommodations, prerequisite related petitions, and many ODP accommodation petitions. From July 1<sup>st</sup>, 2023, to June 30, 2024, over 400 petitions were reviewed, similar to the number in the prior year. Of the over 400 petitions received, 87% were granted. Most related to exam, and course work accommodation, with some related to standing, late additions, drop dates, etc. Most petitions were submitted because of medical reasons.

This summer 7 courses were offered, and marks were approved on a rolling basis. The summer course average was just under 83% and included 3 compulsory courses and 4 elective courses.

Professor Amara then moved to the Summer 2024 Audit Report.

There were 519 students who finished summer courses, of which 22 were not in good standing. Good standing means the student has a cumulative GPA of at least 1.7. At the end of the summer term, 7 students returned to good standing, 4 students, previously in poor standing will continue either on probation or suspension and 11 students who were on probation, remain on probation. Professor Amara explained that students notified that they were on probation and suspension were able to take a summer course(s) as their status did not take effect until September.

Professor Amara expressed her thanks to Timothy Linden for preparing and organizing the data throughout the year and for this report. She then made the motion:

*Motion: That Faculty Council approve the Summer 2024 Audit Report. (Motion: Amara/ Mainwaring)*

There were no questions from members.

The motion was carried with a majority vote.

Following the vote, a member suggested guidance on when a faculty member could decide about student requests such as accepting late course work.

**c. Undergraduate Curriculum – C. Amara**

- No Report

**d. Undergraduate Admissions – M. Locke**

Professor Locke provided an update on admissions for 2023-2024. In summary, 2,345 applications were received. This is down slightly from 2022-2023 when 2,360 applications were received.

Summary:

- In the 2023-24 year, our Faculty had:
- 2345 applications, this is slightly (15) down from the 2022-23 year (2360).
- The number of currently registered students is 376, up from 354 last year. Of the 376 students, there are 63 International (registered) students, slightly less than last year (66). This is likely due to PAL (provincial attestation letters) and with permit issues.
- OUAC opened for applications on September 19, marking the official start of the 2025 admissions cycle

**e. Graduate Committee – K. Tamminen**

The graduate student registration/enrollment numbers for this year are as follows:

- PhD: 14 domestic and 2 international students accepted.
- MSc/MA: 13 MSc and 2 MA accepted (all domestic).
- MPK: 23 domestic and 4 international students accepted.

The Graduate Committee anticipates discussing graduate student admission review processes for graduate student admissions this year.

One Vanier nomination was forwarded to SGS and in process are the Canadian Graduate Scholarship Doctoral Applications.

A member mentioned a concern regarding the PhD timeline to be able to apply for OGS or CGS because of the timeline for comps and that students cannot apply until after 24 months.

Application criteria are set by tri-councils. Many students apply to the CGS-D scholarship prior to applying to the graduate program and prior to completing their comprehensive examinations. The member requested that the Graduate Committee consider the timelines for comprehensives to support student.

**f. Research Committee – T. Welsh**

Prof. Welsh indicated he is looking for a post-doctoral student to attend meetings.

The committee discussed the process regarding the launching of three grants – TISS KPE Research seed grant, External Research Grant, and SHRCC institutional grants.

**6. EDU and Institute Reports**

**a. Tanenbaum Institute for Science in Sport (TISS) – I. Jacobs**

- Professor Jacobs provided an overview of TISS, and its activities as outlined in the attached presentation. TISS was created with a generous donation by the Tannenbaum Family Foundation and includes three main partners – the Faculty of Kinesiology and Physical Education, the Temerty Faculty of Medicine, and Sinai Health. TISS is supported by advisory committees for research and external input.
- The successful inaugural conference attracted over 400 participants across two days, focusing on research and high-performance sports.
- Three research chairs are funded, including a chair in sports sciences, data modeling and sport analytics and another in orthopedic sports medicine.
- The Accelerator Grant Program has funded multiple projects and graduate scholarships.
- To-date, TISS has funded 17 research trainees and 2 postdoctoral awards. Professor Jacobs noted and thanked the faculty members who have committed to supporting the trainees in their research.

**b. Centre for Sport Policy Studies – S. Darnell**

Prof. Darnell indicated that a new website, [sportpolicystudies.ca](http://sportpolicystudies.ca) had been launched and he invited members to visit.

**c. Centre for Motor Control – L. Tremblay**

Prof. Tremblay noted that the Centre for Motor Control plans to host a Motor Control Day on November 6. There are more details to come about that initiative and other activities of the CMC at

the next Faculty Council meeting.

**d. Mental Health and Physical Activity Research Centre – No Report**

**e. Centre for Sport-Related Concussion Research, Innovation and Knowledge – M. Hutchison**

Prof. Hutchison noted the recent Concussion Awareness week and Rowan's Awareness week and Ontario's leadership in this area. Over the summer and fall, coaches, athletes, and medical personnel were educated on concussion protocols. Additionally, hundreds of athletes were pre-season tested. The Centre enjoyed good representation at the TISS conference and collaborations continue with Toronto Western and, more recently, Holland-Bloorview.

**7. Deans' Reports**

**a. Dean – G. Kerr**

Dean Kerr welcomed new members and returning members and thanked the Chair and Vice-Chair as well as the student representatives. Dean Kerr noted the successful TISS conference, reminded members of the National Day of Truth and Reconciliation and the role of KPE in the raising of the Survivors' Flag that will remain at Varsity Stadium from Sept 20 to Sept 30.

Dean Kerr also reminded members of fall convocation, taking place on October 31, 2024, and invited members to join the celebrations.

**b. Vice-Dean, Programs – A. Stirling**

Professor Stirling provided a summary of administrative priorities for the year. They include work by the decanal advisor for innovative movement science technologies, Prof. Luc Tremblay, who will advise on how the Faculty may enhance technology skill development across programs. With the oversight and administration of academic, athletic, physical activity and clinical programs and services coming together as one program leadership group, the year ahead will be a period of consultation, prioritization, and mobilization. A multi-year operational plan for programs will be developed, with specific success metrics to direct our programming and measure our progress moving forward in achieving the goals as set out in our academic plan.

Also, the Faculty will undergo the cyclical CCUPEKA Accreditation review process and prepare for admission of the first cohorts for the new Master of Kinesiology and Master of Sport Sciences programs. The student-facing student advising system and new student service programming including Passport to Success and the Kinship Hub will be launched this year. Finally, the clinic's electronic medical records system will be updated.

**c. Associate Dean, Research – T. Welsh**

Prof. Welsh began by noting a new member in the research services team, Cassandra Mignardi. He noted the recent lab tour which included graduate students, staff members, and members of the Vice-President, International office, and thanked all those who opened their research spaces and attended the event. Additionally, Prof. Welsh noted that the summer and early fall have been busy with grant applications, and postdoctoral fellowship applications. Prof. Welsh also encouraged members to share achievements with Jason Small for inclusion in Research Alerts.

**d. Chief Administrative Officer – P. Handley**

Mr. Handley indicated that new Varsity lights have been installed that are more efficient, provide better lighting on the field and less light bleed. The Varsity Stadium turf has been replaced, and the

elevator project is beginning. The replacement of turf on back campus and the green wall in Warren Stevens are currently delayed. Mr. Handley thanked Doriano D'Angelo and the team.

A question was raised about the type of turf to be used on back campus. Mr. Handley encouraged anyone with questions to speak to Mr. D'Angelo directly.

**8. Student Governments' Reports**

**a. KPEUA – A. Alvarez**

Mr. Alvarez shared that KPEUA elections were ongoing. Commission Jodh Gill is organizing “coffee with the Profs” to take place on Friday, October 4<sup>th</sup>. Faculty members are invited to stop by. Mr. Alvarez also indicated that student life programming is well underway and there is a lot of joy and happiness around campus.

**b. KPEGS – S. Sunderji**

Ms. Sunderji indicated that the first meeting of the KPEGS team will take place in the following week and was pleased to see that many graduate students wish to be involved. KPEGS is working with Terry Gardiner to hold an EDI training day.

**9. Other Business/Announcements**

No other business or announcements.

**10. Adjournment** The meeting was adjourned at 11:50am (Motion: Amara)

The motion was carried with a majority vote.

# Faculty Council Orientation

September 27, 2024



UNIVERSITY OF TORONTO  
FACULTY OF KINESIOLOGY & PHYSICAL EDUCATION

# Mandate of Governance

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<https://governingcouncil.utoronto.ca/secretariat/policies/mandate-governance>

Primary functions of governance are:

## **Approval**

*Approves* specific policies, plans or projects according to established procedures.

## **Oversight**

Receives a wide variety of reports and information through which it *monitors the quality and substance of institutional leadership and decision-making*.

## **Advice**

*Provides input*, sometimes in confidence, on proposed initiatives at various stages of development.



# Role of Faculty Council Members

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Adapted From Expectations and Attributes of Governors and Key Principles of Ethical Conduct

<https://governingcouncil.utoronto.ca/secretariat/policies/expectations-and-attributes-governors-and-key-principles-ethical-conduct>

- Advancing and upholding the mission of the Faculty
- Provide relevant input into the Faculty's vision, strategies and objectives
- Understanding that the Faculty Council's role is one of oversight with a focus on strategic matters rather than management or administration
- Voting on all matters requiring a decision except where a conflict of interest may exist

# Conflict of Interest

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Members who in any way has a personal/financial interest, directly or indirectly, in any matter being considered by the Council “must” declare his/her interest.

Members with a conflict of interest shall abstain from participating in discussion and shall not vote.

Best practice is that the member remove themselves from the meeting during the item.

*(Governing Council By-Law #2)*

Questions may be directed to the Chair, Vice-Chair and/or Secretary.

## Powers, Duties and Responsibilities of the Dean (summary)

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- Chief executive officer of the Faculty and reports directly to the Vice-President and Provost.
- Overall direction of the Faculty and, in particular,
  - authority over the budget and other financial matters,
  - personnel matters, including appointments and promotions,
  - and extra-Faculty relationships.
- Consults with members of the Faculty on matters of policy and practice but is ultimately responsible for all administrative decisions that are within the Dean's jurisdiction and authority.

## Faculty Council's Specific Powers and Duties (summary)

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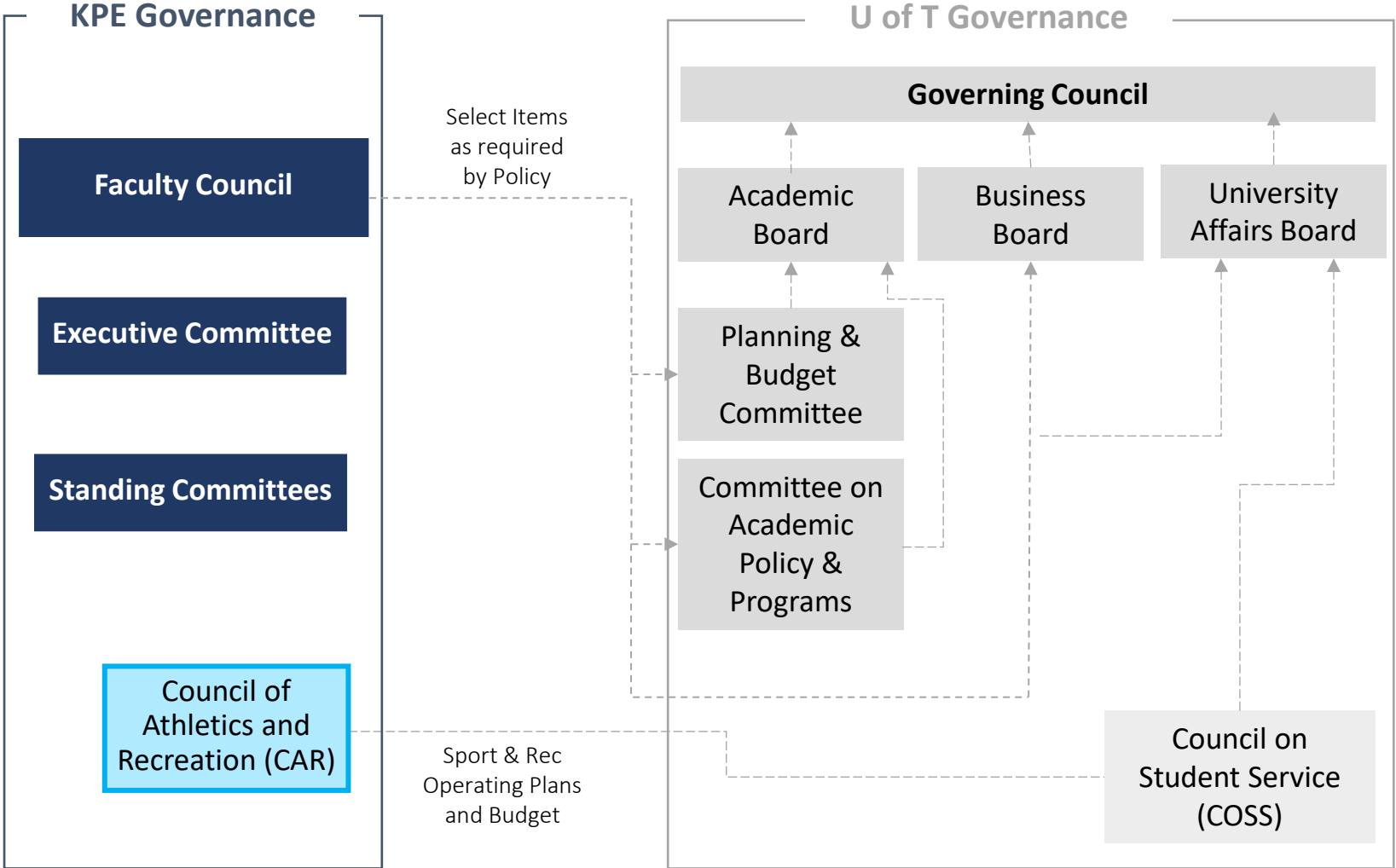
- Establish policies/standards regarding academic matters delegated to Faculty Council (appeals, curriculum, admissions)
- Award scholarship, bursaries, prizes and other awards
- Consider content, quality and requirements of academic programs and courses over which the Faculty has authority
- Approve proposals for major and minor modifications to existing academic programs, diplomas, and certificates
- Review and approve, or recommend for approval, EDU proposals
- Approve transcript notations
- Determine number, composition and authority of its committees

# KPE Structure

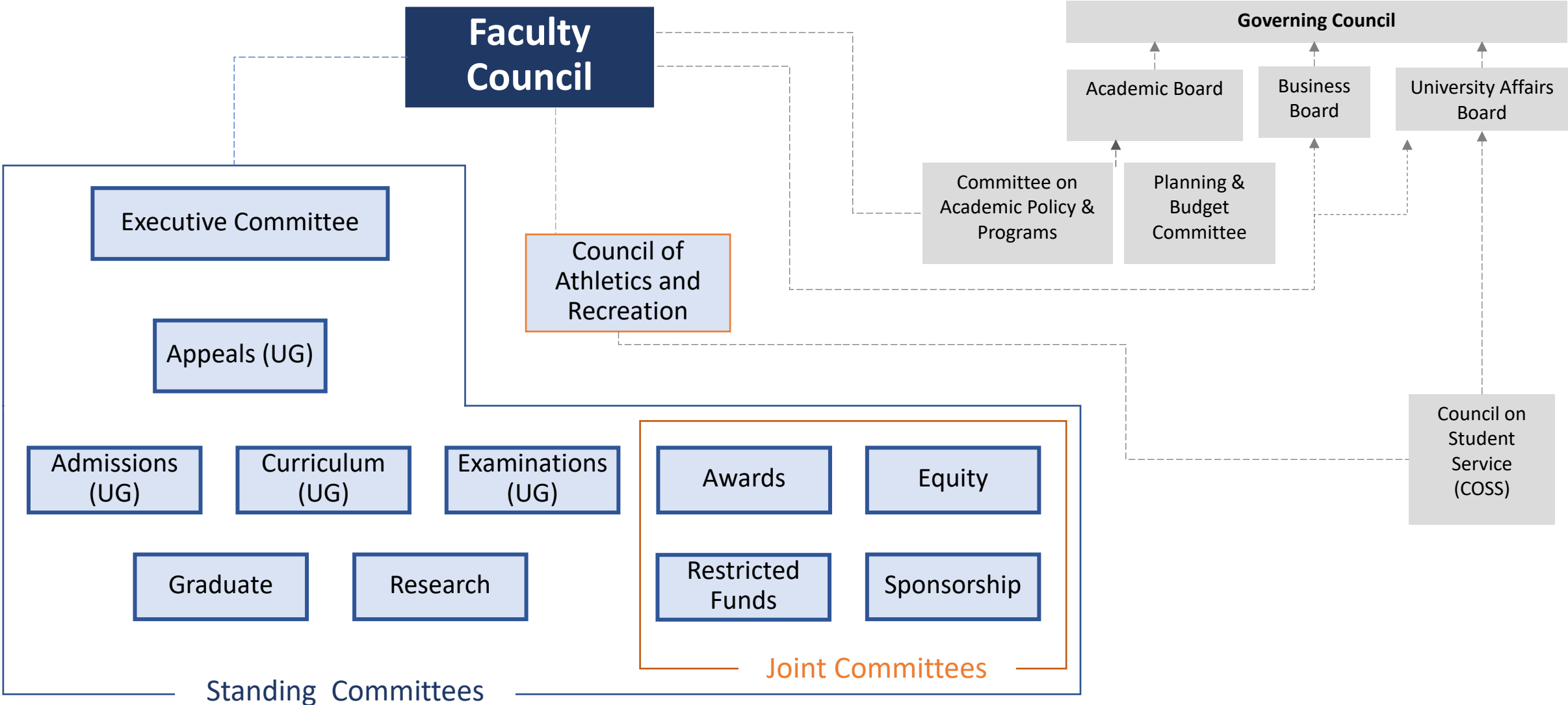
## ADMINISTRATION



## GOVERNANCE



# Current Governance Structure



# Faculty Council Membership

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## **Voting members:**

All Teaching Staff

Representatives from the following groups:

Undergraduate students

Graduate students

Administrative staff

Emeritus professors

Alumni

## **Ex-officio**

President of the University, or designate

Vice-President and Provost, or designate

Dean of the School of Graduate Studies, or designate

Dean of the Faculty

Professional librarian

Vice Dean(s), Associate Deans and/or Assistant Dean(s)

Chief Administrative Officer

Executive Directors

Registrar

Director, Equity, Diversity and Inclusion

President of the Faculty's Undergraduate Student Society

President of the Faculty's Graduate Student Society

President of the Alumni Association

# Examples of Governance Paths

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## From Faculty Council

### **New Graduate Programs**

1. Committee on Academic Policy and Programs [for approval]
2. Academic Board [for approval]
3. Executive Committee [for confirmation]

### **Constitutional Amendments**

1. Academic Board [for approval]
2. Executive Committee [for confirmation]

### **Major Modifications, Minor Modifications**

1. Committee on Academic Policy and Programs [reported annually for information only]

## From CAR

### **Sport & Rec Operating Plans and Budget**

1. COSS (Council on Student Services) [for recommendation]
2. University Affairs Board [for approval]

### **Constitutional Amendments**

1. University Affairs Board [for approval]
2. Executive Committee [for confirmation]



# Faculty Council Secretariat Contact

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[kpe.council@utoronto.ca](mailto:kpe.council@utoronto.ca)



# TANENBAUM INSTITUTE FOR SCIENCE IN SPORT

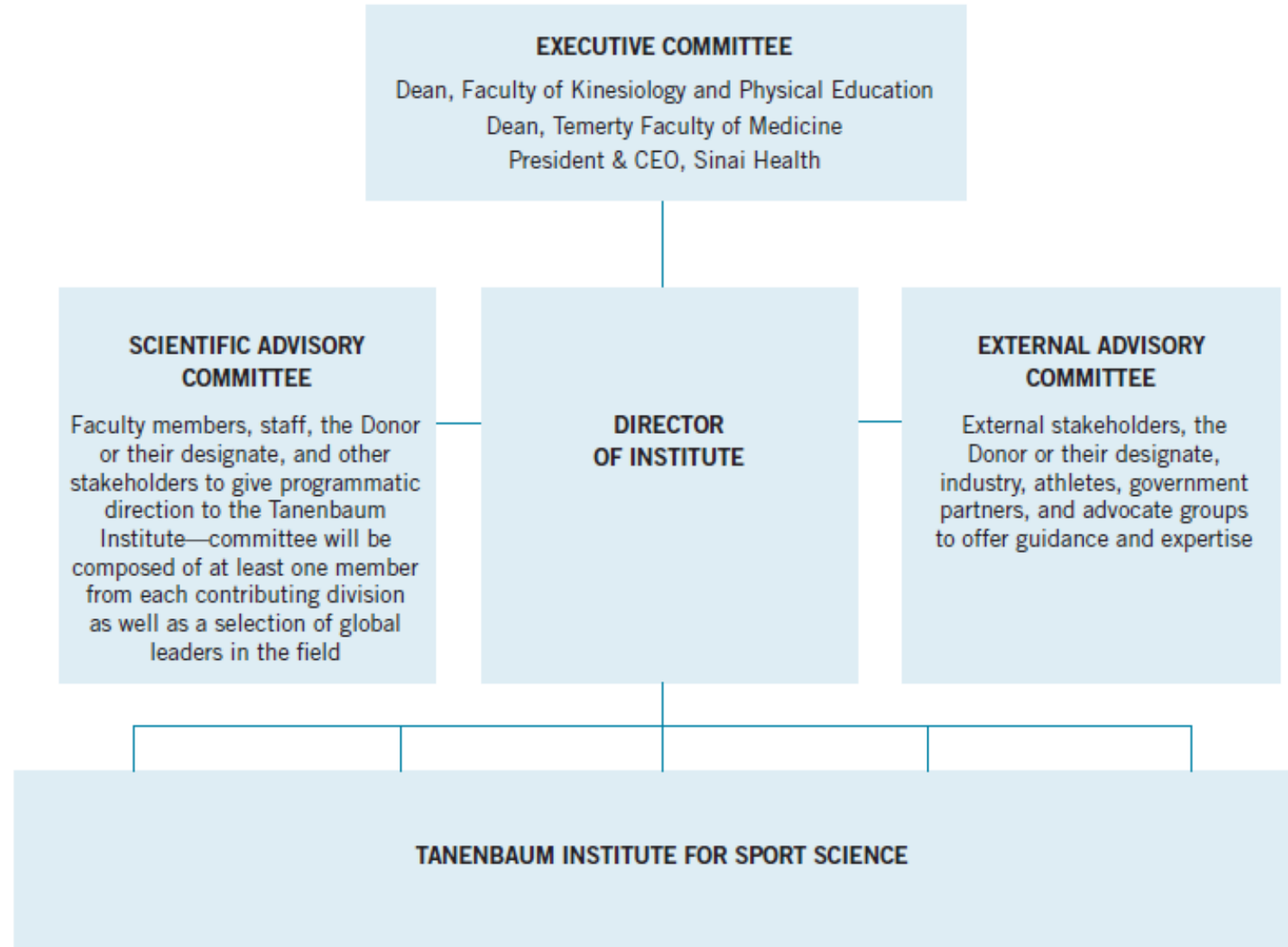
*Director's Report to  
KPE Faculty Council  
26 September 2024*





**Tanenbaum Institute for Science in Sport (TISS): A framework for research excellence in high-performance sport science and sport medicine supporting athletes at all levels**

## GOVERNANCE & REPORTING



# Vision & Mission

## Vision

- To be recognized as the world-leading high-performance sport science and sport medicine **centre of excellence**.

## Mission

- The Tanenbaum Institute for Science in Sport will catalyze the **world-renowned strengths** of its three partners in sport science, sport medicine, and clinical care—the University of Toronto's [Faculty of Kinesiology & Physical Education](#) and [Temerty Faculty of Medicine](#) and [Sinai Health](#). The Tanenbaum Institute will thrive at the **intersection of research and practice**, translating discoveries into **innovations** that dramatically impact athlete health and performance across all athlete populations.
- By combining a rigorous academic framework with expert leadership in clinical care, the Tanenbaum Institute will transform Canada's sporting culture, addressing the **urgent need to train the next generation of sport physicians and scientists**. The Institute will provide an agile organizational framework that takes full advantage of the University of Toronto's and Sinai Health's diverse athlete community, clinical resources, and world-class sporting facilities, expanding access to care for all athletes in need, including para-athletes and athletes from underrepresented communities.

# Outcomes

*“With unparalleled **resources and talent** across U of T and Sinai Health, the Tanenbaum Institute will significantly advance science and its application with the aim to: “*

- **Enhance and sustain competitive performance** for athletes of all levels and every background, including those with disabilities and athletes representing other diverse and under-represented populations
- Augment and amplify **physical and mental training** effects
- **Reduce threats** to athlete safety, including the threat of athlete maltreatment
- Model/predict/**reduce the probability of injury**
- **Improve injury recovery** length and outcomes

- Develop **effective nutrition and mental health** regimens
- Develop more effective measures to identify the severity of **sports concussion**, and accelerate the rate of recovery and return to play
- Develop and assess new **innovative commercial technologies** and products for applications to high-performance sports
- Use **data analytics** to predict and augment individual and team performance, health and wellbeing, and to improve athlete recruitment outcomes

# Total TISS Funding

Gift	Institutional Matching	TOTAL
\$20,000,000	\$21,517,950	\$41,517,950



# Tanenbaum Institute for Science in Sport

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## Implementation Plan

April 2022

*Kudos to:*

*Darrell Ogilvie-Harris  
John Theodoropoulos  
Alex McKechnie*

*Kia Nurse  
Terry Dunfield  
Stephanie Dixon*

*Implementation Plan is posted at [TISS.ca](https://www.tiss.ca)*



# TISS Implementation Timeline

TASK	YEAR 1												YEAR 2												YEAR 3												YEAR 4												YEAR 5											
	Q1			Q2			Q3			Q4			Q1			Q2			Q3			Q4			Q1			Q2			Q3			Q4			Q1			Q2			Q3			Q4														
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar												
<b>Finalization of Gift Agreement and Launch</b>																																																												
Sign agreement	x																																																											
First pledge payment received and distributed to partners according to gift allocation budget	x																																																											
Gift announcement and formal launch of Centre		x																																																										
<b>Governance and Reporting</b>																																																												
Recruit members of the External Advisory Committee (EAC)																																																												
Recruit members of the Scientific Advisory Committee (SAC)																																																												
Regular meetings of EAC (quarterly year 1, semi-annually subsequent years)		x																																																										
Regular meetings of SAC (quarterly year 1, semi-annually subsequent years)			x																																																									
Apply for EDU status		x																																																										
Executive Committee Annual Meeting		x	x	x	x	x																																																						
Donor																																																												
3-Year Milestone Review with Donor																																																												
5-Year External Review																																																												
<b>Institute Director/Directorate's Fund</b>																																																												
Recruit and appoint Interim Director	x																																																											
Conduct international search for permanent Director	x	x	x	x	x	x	x	x	x	x	x																																																	
Announce permanent Director																																																												
Create Communications Plan	x	x	x																																																									
Develop framework for establishing community and industry partnerships in consultation with EAC		x	x	x																																																								
Host Annual Sport Science Conference																																																												
<b>Research Accelerator Fund</b>																																																												
Identify research themes in consultation with SAC		x		x																																																								
Launch Research Accelerator Fund with call for grant applications (annually) including Data and Analytics Stream		x																																																										
Assemble Review Committee to assess applications and award grants					x	x	x	x																																																				
Distribute funding						x																																																						
Collect reports on funded projects																																																												
<b>Toronto Orthopaedic Sports Medicine Program (Temerty Medicine)</b>																																																												
Recruit and hire Professorship in Orthopaedics in accordance with University policies	x	x	x																																																									
Launch Cartilage Innovation and Restoration Centre at the University of Toronto (CIRCUIT) program	x	x	x	x	x	x																																																						
Hire part-time Research Coordinator for CIRCUIT		x																																																										
Hire full-time Research Assistant for CIRCUIT						x																																																						
Setup infrastructure for data collection for CIRCUIT						x																																																						
Launch Young Adult Hip Innovation Program (YA-HIP)	x	x	x	x	x																																																							
<b>Chair in Musculoskeletal Regenerative Medicine (Sinclair Health)</b>																																																												
Assemble committee to recruit and hire leading clinician in Regenerative Medicine		x	x	x																																																								
Issue call for applications							x																																																					
Hire and announce successful candidate																																																												
<b>Chair in Sport Science and Data Modelling (Faculty of Kinesiology and Physical Education)</b>																																																												
Assemble committee to recruit and hire leading expert in sport data modelling and analytics								x	x	x																																																		
Issue call for applications																																																												
Hire and announce successful candidate																																																												
<b>Research Initiatives and Trainee Support (Faculty of Kinesiology and Physical Education)</b>																																																												
Prepare KPE communications and promotion strategy	x	x	x																																																									
Call for internal seed grant proposals			x																																																									
Call for applications from graduate students, undergraduate student research assistants, and PDFs	x																																																											
Call for research equipment/facilities grant proposals																																																												
Internal KPE sport science seminars for coaches								x																																																				
Internal KPE sport science seminars for student athletes																																																												
Seed grant proposals reviewed and awarded								x	x																																																			
Graduate student scholarships and PDFs awarded																																																												
Research equipment/facilities grants awarded																																																												
Identify presenters for Centre rounds																																																												

# Implementation Vehicles

- U of T Institutional Strategic Initiatives
- Advisory committees
- Endowed chairs & professorship
  - Institute Director (KPE, currently)
  - Research Chair x 2 (U of T/KPE & SHS)
  - Professorship (U of T/Temerty FoM)

- Accelerator Grants (the world)
- Research trainee funding (KPE grad students & post docs)
- Research project seed funding (KPE)
- Conference(s) & speaker events



**TANENBAUM INSTITUTE  
FOR SCIENCE IN SPORT**

CONFERENCE 2024

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## High performance sport science and sport medicine across the athlete development spectrum: Discovery, Clinical, and Applied Research

September 14 - 15, 2024

Goldring Centre for High Performance Sport, Toronto

REGISTER

[tiss-conference.ca](https://tiss-conference.ca)







**Introduction and Opening Remarks**

**President**

**President**

**Larry Tanenbaum, MD**  
Chairman, Mount Sinai  
School of Medicine  
& Mount Sinai Health

**Gretchen Kerr, MD**  
Dean and Professor,  
Faculty of Kinesthetic &  
Health Education

**Day 1 Welcome and Opening Remarks**

**President**

**President**

**Ira Jacobs, MD**  
Director, Institute for  
Health & Sports Science  
Center

**Larry Tanenbaum, MD**  
Chairman, Mount Sinai  
School of Medicine,  
& Mount Sinai Health

**Gretchen Kerr, MD**  
Dean and Professor,  
Faculty of Kinesthetic &  
Health Education











Conference Day 1: Saturday, September 14, 2024

# The Latest Research in Sport Science and Sport Medicine

0900	Registration & Breakfast
0945	Day 1 Welcome and Opening Remarks <i>Ira Jacobs</i>
1000	Advancing Athletic Excellence: The Role of Cutting-Edge Science in Elite Sports Session Chair: <i>Joseph Baker</i> Presenter: <i>Jamie Burr</i>
1100	Transition Break
1105	The Art and Science of Small Wins: Achieving the 1% Gains in Wheelchair Curling Moderator: <i>Andy Van Neutegem</i> Panelists: <i>Kyle Paquette, Mick Lizmore, Mark Ideson</i>
1205	Stretch Break
1220	Cutting Edge TISS-Funded Research Currently Underway – Part 1 Session Chair: <i>Ira Jacobs</i>
1320	Morning Wrap-Up & Remarks <i>Ira Jacobs</i>
1330	Lunch (provided) & Poster Viewing

1430	Cutting Edge TISS-Funded Research Currently Underway – Part 2 Session Chair: <i>Ira Jacobs</i>
1530	Transition Break
1535	5 Big Opportunities for High Performance in the Age of AI Session Chair: <i>Devin Pleuler</i> Presenter: <i>Sam Robertson</i>
1635	Stretch Break
1645	Return to Play: Advances in Orthobiologic Therapies and Regenerative Medicine Session Chair: <i>Daniel Whelan</i> Presenter: <i>Jas Chahal</i>
1745	Day 1 Closing Remarks <i>Ira Jacobs</i>
1800	Networking Reception & Poster Viewing
1845	Day 1 Adjourns

# Sunday, September 15<sup>th</sup> in the Goldring Centre for High Performance Sports: Knowledge Application for the High Performance Sport and Athlete Community

0830	Registration
0915	Day 2 Welcome and Opening Remarks <i>Ira Jacobs</i>
0930	Paris 2024 Debrief: Sex, Drugs, AI and Other Threats to Sport Integrity Session Chair: <i>Anne Merklinger</i> Presenter: <i>Yannis Pitsiladis</i>
1030	Stretch Break
1045	Addressing Inequities in Sport: Psychological Considerations for Female High Performance Athletes Presenters: <i>Tara-Leigh McHugh, Catherine Sabiston</i>
1145	Stretch Break
1200	Protein & the High Performance Athlete: New Myths and New Knowledge Session Chair: <i>Jennifer Sygo</i> Presenter: <i>Daniel Moore</i>

1300	Lunch (provided) & Poster Viewing
1400	Concussion in Athletes Presenter: <i>Michael Hutchison</i>
1500	Stretch Break
1515	Early Athlete Development and Training Session Chair: <i>Anthony Capotosto</i> , Moderator: <i>Joseph Baker</i> Panelists: <i>Jessica Fraser-Thomas, Johan Pion, Fieke Rongen, Alex Roberts</i>
1615	Stretch Break
1630	Application of Wearable Tech in Novel Sports Moderator: <i>Alex Hutchinson</i> Panelists: <i>Sam Robertson, Devin Pleuler, Jason Vescovi</i>
1730	Day 2 Closing Remarks <i>Ira Jacobs</i>
1745	Networking Reception & Poster Viewing
1830	Conference Adjourns





- The Story
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- The Alignment
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# TISS Research Accelerator Funded Projects 2023 cycle

- Athlete concussion surveillance in Special Olympics Sports (KPE, TFoM, Acadia U)
- Gymnast wrist injury prevention program (TFoM, TWH, KPE, SHS)
- Sleep apnea in Paralympic Ontario-Resident Athletes with Spinal Cord Injury (Lyndhurst Centre, TRI, TFoM, Sunnybrook HS, Bridgepoint Active Healthcare-Sinai HS, CSI-O, World Para Athletics, Wheelchair Rugby Canada, Tennis Canada)
- Recombinant Human Growth Hormone for Early Patellofemoral Osteoarthritis (TFoM, KPE, Sunnybrook, Sinai HS)
- Building capacity for the delivery of mental health care among elite youth athletes (KPE, U of Melbourne, TFoM, CAMH)
- Evaluating neuroinflammation in athletes with concussion ( TFoM, UHN, KPE, TWH)
- The chronic ACL-deficient knee: establishing a multidisciplinary collaborative to keep these athletes in the game (TFoM, Sunnybrook HS, KPE, Women's College Hospital, St. Michael's Hospital, TAHSN)

# **CONFIDENTIAL:**

## **Accelerator Grant Submissions Funded Projects for 2024 Cycle**

*In the eye of the beholder: Exploring gaze behaviour during athlete evaluation and selection*

*R2Play-Rehab: Co-designing a multidomain and integrative sport rehabilitation tool for youth athletes with concussion*

*Electroarthrography to non-invasively assess cartilage health during rehabilitation from knee injury*

*Can elite athletes integrate emergent statistical information to improve performance?*

*Effect of ischemic preconditioning on 2-km rowing ergometer performance in males and females*

*Defining optimal protein intakes for female athletes*

*A multi-variate, multi-systems approach to post-ACLR return-to-play*

# TISS KPE Graduate Student Scholarships

2022 - 2023 In Program Scholarships

- 5 PhDs
- 2 Masters

2023-2023 Admissions Scholarships

- 3 PhDs
- 2 Masters

2024-25 Admissions Scholarships

- 2 PhDs
- 1 Masters

2024-25 Postdoctoral Awards

- Supervised by Prof Cathi Sabiston
- Supervised by Prof Tim Burkhart

**17 total research *trainee* awards in first 2 years of TISS operations**





# TISS funds research with potential to dramatically impact health & performance of athletes across all populations



# TISS-Funded KPE Seed Grants

- [4 projects funded](#)
- How can wearable technology optimize exercise training intensity? (Dr. R. Bentley)
- Can early muscular strength rehabilitation improve subjective and objective measures of knee function following an ACL injury? (Dr. T. Burkhart)
- Should intensity & volume of training be adjusted to the menstrual cycle? (Dr. J. Gillen)
- How do we move from reactive to proactive, preventative strategies in support of elite athlete well-being (Dr. C. Sabiston)



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# What should/will happen (*Sustainability Initiatives*):

- Communications
- Promotion
- Advocacy
- Leveraging



# Priorities

- TISS Annual Conference planning for September 2025
- Perimeter Institute Workshop
- ***Proposal to establish the TISS Extra-Departmental Unit @ U of T***
- TISS 2025 Research Accelerator Grant
  - KPE Seed Grant
- TISS Reports
- Leveraging initiatives





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