

FINAL

Faculty of Engineering
Joint Health and Safety Committee Minutes
October 8th, 2025 (Virtual Meeting)

FINAL

Member	Department	Type	Attendance
Al-Fadhi, Abdullah (Aboud)	Experiential Learning Office (ELO)	Worker Member	Present
Arbi, Ramis	Engineering Physics	Worker Member	Absent
Bola, Parmveer	iBiomed	Worker Member	Absent
Bradley, Jonathan	Engineering Physics	Management Member	Absent
Brook, Amelia	Civil	Worker Member	Present
Cleaver, Jim	Machine Shop	Worker Member	Present
Culley, Doug	Materials Science	Worker Member	Present
Danta, Omar	SEPT	Worker Member	Present
Deboer, Arina	Materials	Worker Member	Absent
Vacant	Experiential Learning Office	Management Member	Absent
Geng, Fei	SEPT (BTech/SEP)	Management Member	Absent
Ghosh, Raja	Chemical Engineering	Management Member	Present
Giamou, Matthew	Computing and Software	Management Member	Present
Han, Monica	Civil	Worker Member	Present
Harwood, Ron	Electrical Engineering	Worker Member	Absent
Kish, Joey	Materials Science	Management Member	Absent
Laframboise, Lisa (Certified Member)	Chemical Engineering (Cert. Member)	Worker Member	Present
Lee, Michael	Mechanical Engineering	Worker Member	Present
Longley, Jeff	General Eng & Civil	Management Member	Regrets
Mak, Lawrence	General Eng	Worker Member	Present
Malakhov, Dmitri	Materials Science	Management Member	Present
Marway, Heera	MMRI	Worker Member	Absent
McCaffery, Ed	Materials Science	Worker Member	Absent
Nahid, Babak	Electrical Engineering	Management Member	Absent
Nakamura, John (Co-Chair)	Computing and Software	Worker Member	Present
Olaizola, Stephan	Electrical Engineering	Worker Member	Absent
Princz, Marta	Biointerfaces Institute	Worker Member	Regrets
Raja, Haseeb	Civil - ADL	Worker Member	Absent
Rajabzadeh, Amin	Biomedical	Management Member	Absent
Sabados, Maya	iBiomed	Worker Member	Present
Sathiyavanthan, Suba	University Health and Safety	Consultant	Present
Shakib, Aryen	CUPE Unit 1	Worker Member	Absent
Stephens, Timothy (Certified Member)	Chemical Engineering	Worker Member	Regrets
Stevanovic, Doris (Certified Member)	CEDT	Worker Member	Present
Tullis, Stephen (Co-Chair)	Mechanical Engineering	Management Member	Present
Waldon, Emily	Outreach	Management Member	Absent
West, Leanne	Biointerfaces Institute	Management Member	Regrets
Xu, Fei	CUPE Unit 3	Worker Member	Absent

Yang, Cancan	Civil Engineering	Management Member	Absent
Zhang, Boyan	Biomedical	Management Member	Absent
Vacant	180 Bloor Street	Worker Member	-
Vacant	Biomedical	Worker Member	-
Vacant	Hatch Building	Worker Member	-

ISSUES FOR CENTRAL TO ADDRESS	Action Items
None.	

1. Minutes and Announcements

Minutes Approval: Stephen Tullis Management Co-Chair: _____ John Nakamura, Worker Co-Chair: _____ September 10 th , 2025 minutes Minutes were approved by 1 st L. Laframboise and 2 nd by O. Danta	September 10 th , 2025 Minutes sent to UHS on October 17 th , 2025
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2. Business Arising

Room Inspection Summary Lists (September–August yearly)	
None.	
Room inspections – Lab inspections – extra eyes	
None.	

3. New Business

None.	
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4. Incident Reports

Presented by S. Sathiyavanthan: JHE A102 - FUSE Medical Symptoms – Healthcare-Non-Compensable <i>Incident:</i> Student experienced a headache and rapid perspiration due to excessive heat in the lab and shortly later experienced a cardiac event due to a pre-existing condition. <i>Resolution:</i> Room is historically warm; work order submitted to Facility Services. Additionally, the student has been referred to SAS for additional support. _____ ETB B121 – Engineering Btech Burn Hand – First Aid <i>Incident:</i> When refilling a butane torch, a blue flame emerged from the tip and entered the user's lab coat sleeves, resulting in minor burn. The torch was in the unlocked position (should be locked after use) and EE did not verify this before filling.	
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Resolution:

The SOP has been reviewed, updated and will be shared with instructors using the equipment. Explore an alternate solution like Bunsen torch.

ABB 206 – Chemical Engineering

Burn - Face/Hand – First Aid

Incident:

Cleaning a gelatin-containing cartridge with boiling water, and due to a clog in the cartridge, the boiling water splashed onto person's face. The student was wearing goggles.

Resolution:

Recommend doing the task in a fume hood with the sash lowered and wearing heat-resistant gloves. The process is also being reviewed to remove the use of boiling water.

Gerald Hatch Centre - H106 – Baja

Fracture - Hand – First Aid

Incident:

While positioning a jack stand under Baja vehicle, supporting jack slipped causing the vehicle to drop unexpectedly on person's hand.

Resolution:

New SOP for using lifting devices and jack stands has been developed. Completion of the training module will be mandatory for any team member intending to use this equipment.

Thode Room B117E – Mechanical Engineering

Medical Symptoms – Hazard

Incident:

During training session, felt hot, dizzy and faint likely due to light breakfast and nerves. EFRT was called and person given protein drink and monitored. Symptoms improved and person continued with the work-day.

Resolution:

Encourage to have a proper meal before work and take breaks if needed.

NRB – Engineering

No Injury – Hazard

Incident:

While engaging the liquid nitrogen filling, the valve was left open, and the hose started to move uncontrollably.

Resolution:

Users to complete Gas Cylinder training and retrain on the SOP on liquid nitrogen filling. Confirm the valve is closed before engaging. Also, recommended to install a strap to hold the hose to prevent fly around.

ETB 425B – Chemical Engineering

No Injury – Hazard

Incident:

During the emptying of a dosing syringe containing toluene outside of a fume hood, seal of syringe failed, and some toluene spilled. Spill was cleaned, and the paper was disposed of in garbage leading to notable toluene vapour that dissipated over time.

Resolution:

Review SDS and select a compatible syringe for the transfer. Transfers should be done in fume hood, and paper towel collected in fume hood for hazardous waste disposal. Review and update SOP.

5. Safety Reports

AREA	REPORT SUBMITTED
1. CAS	No.
2. Chemical Engineering	No.
3. Engineering Physics/CEDT	No.
4. Civil/ADL Engineering	No.
5. General	No.
6. iBiomed	No.
5. Electrical Engineering	No.
6. Engineering 1	No.
7. Mechanical Engineering	No.
8. Materials Science & Eng.	No.
9. MMRI	No.
10. SEPT & BTech	Yes, report received by M. Robinson.
11. HATCH	No.
12. Machine Shop	No.
13. 180 Bloor Street	No.
14. Biointerfaces	No.

6. Central Committee Minutes/Incidents

Presented by D. Stevanovic: - The campus has become a more pedestrian friendly zone, with gates up in around areas of campus such as Hamilton Hall and Convocation Hall. Traffic lights have now been installed at the Sterling Street entrance. Cyclists are still posing an issue moving through campus safely. -University Health and Safety update regarding to the mosaic tile for regulatory training. Everything now is in one place and should be easier to enrol in the health and safety training courses as well as auto enrol should be done. -Education and training session on asbestos management and control programme given by Cheryl Beecroft.	
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7. Other Business

-S. Sathiyavanthan reported on an odour complaint that was recently received from one of the offices adjacent to a lab. She emphasised that with new students coming in the lab, that all work be completed with snorkel or within the fume hood so that you're not doing lab work on the bench. -She reminded member of the importance for ensuring that all the chemical and/or materials being collected in the labs have some sort of labelling because when it comes to waste disposal, if there is an unknown then RPR won't take it as is. They must do an identification prior to removal and there is a cost associated with that. It's important that the students who are working in labs ensure that they have labelled all their containers.	
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8. JHE Restructuring

A reminder to email John Nakamura, with a copy to Jeff Longley, with any building restructuring.	
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Motion to adjourn: Motion to adjourn 1st D. Stevanovic and 2nd by M. Giamou

NEXT MEETING: Wednesday, November 12th, 2025

PLEASE NOTE: If you cannot attend this meeting, please send regrets to Caroline or Melissa at thehub@mcmaster.ca