

Faculty of Engineering
Joint Health and Safety Committee Minutes
April 9th, 2025 (Virtual Meeting)

FINAL

FINAL

Management Member	Department	Attendance
Emily Waldon	Outreach	Present
Jonathan Bradley	Engineering Physics	Present
Robert Fleisig	Experiential Learning Office	Regrets
Fei Geng	SEPT (BTech/SEP)	Absent
Matthew Giamou	Computing and Software	Present
Raja Ghosh	Chemical Engineering	Absent
Younggy Kim	Civil Engineering	Absent
Jeff Longley	General Eng	Present
Dmitri Malakhov	Materials Science	Present
Babak Nahid	Electrical Engineering	Absent
Amin Rajabzadeh	Biomedical	Absent
Sarah Sullivan	Management Staff Rep.	Present
Stephen Tullis (Co-Chair)	Mechanical Engineering	Present
Boyan Zhang	Biomedical	Absent
Leanne West	Biointerfaces Institute	Present
Lisa Laframboise (<i>Certified Member</i>)	Management Cert. Member	Present
Worker Member	Department	Attendance
Stephan Olaizola	Electrical Engineering	Absent
Ron Harwood	Electrical Engineering	Absent
Parmveer Bola	iBiomed	Absent
Maya Sabados	iBiomed	Present
Monica Han	Civil	Regrets
Oliva Pare	Civil	Present
Haseeb Raja	Civil - ADL	Present
Aryen Shakib	CUPE Unit 1	Regrets
Fei Xu	CUPE Unit 3	Absent
Michael Lee	Mechanical Engineering	Absent
Omar Danta	SEPT	Present
Heera Marway	MMRI	Present
Doug Culley	Materials Science	Absent
John Nakamura (<i>Co-Chair</i>)	Computing and Software	Present
Timothy Stephens (<i>Certified Member</i>)	Chemical Engineering	Absent
Doris Stevanovic (<i>Certified Member</i>)	CEDT	Regrets
Jim Cleaver	Machine Shop	Present
Lawrence Mak	General Eng	Present
Ramis Arbi	Engineering Physics	Absent
Abdullah (Aboud) Al-Fadhi	Experiential Learning Office (ELO)	Absent
Marta Princz	Biointerfaces Institute	Present
Vacant	180 Bloor Street	-
Vacant	Biomedical	-

Vacant	Hatch Building	-
Consultants/Guests	Department	Attendance
Suba Sathiyavanthan	University Health and Safety	Present

ISSUES FOR CENTRAL TO ADDRESS	Action Items

1. Minutes and Announcements

Minutes Approval: Stephen Tullis Management Co-Chair: _____ John Nakamura, Worker Co-Chair: _____ March 12 th , 2024 minutes Minutes were approved by 1 st M. Giamou and 2 nd by L. Laframboise	March 12 th , 2025 Minutes sent to UHS on May 16, 2025
--	---

2. Business Arising

Room Inspection Summary Lists (September–August yearly) -M. Robinson completed inspections for the Bloor Street location. No infractions found.	
Room inspections – Lab inspections – extra eyes None.	
<u>Designated Substance Assessment - Arsenic (Chalcagonite glass containing Arsenic) – update</u> -S. Sathiyavanthan reported that the initiator of the DSR is now on sabbatical and the work has been paused. When he returns, she will follow up on an updated DSR.	

3. New Business

<u>Designated Substance Assessment – Mercury Oxide</u> Comments/Questions received: - Worksheet 3 1-Storage: "upright in away from direct sunlight" -> in -> AND -Worksheet 3 2-Usage: "Propper" -> Proper -Worksheet 3 3-After use: "miliQ" is was spelled "milli Q" earlier -Worksheet 4 1,2: "position control" -> "poison control" -Worksheet 4: Change EOHSS to UHS -This is a closed system, so exposure is unlikely except if the probe breaks and the mercury or the mercuric oxide is released. -Worksheet 3 - remove the "sweep/vacuum spillage" as this would aerosolize the contaminant, except if a mercury vacuum is used. I would suggest picking up the mercury using an eye dropper or a hard plastic and collecting it. If using	
--	--

absorbent, after picking up the absorbent, wet wipe to collect any residue. Double bag all waste and submit as hazardous waste for disposal.

-Worksheet 6 - Health effects. The general health effects are listed, but the question is asking if employees are experiencing health effects, and in this instance, there are none, so I would select the "no" option.

4. Incident Reports

Presented by S. Sathiyavanthan:

Chemical Engineering – JHE-368
First Aid – Irritation Injury to Knee

Incident:

Moved a UPS with lead acid battery from one room to another. The lead acid battery had leaked, was not aware before picking up. Felt a sting on knee later which was from exposure to the acid. The knee was washed.

Resolution:

We will carry out a review of all UPS in our labs immediately, buy plastic trays for them, and include a more thorough inspection of them during our quarterly lab inspections. Recommend use of PPE when handling UPS with batteries.

Engineering – JHE-H106
First Aid – Cut/Laceration Finger

Incident:

An Exacto knife was grabbed by the blade tip while another team member was holding it. The incident happened during routine work (cutting balsa wood). EFRT was called. No further medical attention is needed.

Resolution:

Grabbing the Exacto knife goes against safety procedures. The team member will be retrained on proper blade handling and reminded to work safely. Reinforced knife safety in a briefing during team meeting, with reminders given during each build session.

5. Safety Reports

AREA	REPORT SUBMITTED
1. CAS	Yes report received by M. Robinson. -Emergency Contact information not posted on outside of door -A few lights burnt out
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	No.
11. HATCH	No.
12. Machine Shop	No.
13. 180 Bloor Street	Yes, received by M. Robinson.

6. Central Committee Minutes/Incidents

None.	
-------	--

7. Other Business

<p>Provided by S. Sathiyavathan:</p> <ul style="list-style-type: none"> -JHSC part 1 certification training is scheduled for 3 days in May and part 2 will occur in October. Those interested are encouraged to register. Links will be provided in the Teams chat channel. Also to clarify that this is NOT a re-fresher but a new certification. -The Working Mind People Leader session is taking place on May 5th and 6th and is available to TMG members. -Naloxone Kits have now been included at some AED locations as part of a student led initiative. Locations are available on UHS website -Health and Safety Week is May 5th-9th with vendor fair and BBQ taking place in the MUSC. - Regarding the fire in ITB, the official report has not yet been received to UHS but a summary of the incident was provided to members. The fire was caused due to overheating of a charging personal power bank. While the fire was small, the damage from the smoke and sprinkler was quite substantial. A reminder to ensure that when purchasing electrical equipment, that you ensure that it has proper approval logos on it and that it has been certified. UHS is working on the RMM with respect to this and it will be shared later when it is available. 	
--	--

8. JHE Restructuring

-Reminder to send any room restructuring updates information to John Nakamura via email.	
--	--

Motion to adjourn: Motion to adjourn 1st J. Longley and 2nd by O. Danta

NEXT MEETING: Wednesday, May 14th, 2025

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