

Faculty of Engineering
Joint Health and Safety Committee Minutes
November 13th, 2024 (Virtual Meeting)

FINAL

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Management Member	Department	Attendance
Sarah Alizerig	Outreach	Regrets
Jonathan Bradley	Engineering Physics	Present
Robert Fleisig	Experiential Learning Office	Present
Fei Geng	SEPT (BTech/SEP)	Absent
Matthew Giamou	Computing and Software	Present
Raja Ghosh	Chemical Engineering	Present
Wenbo He	Computing and Software	Absent
Younggy Kim	Civil Engineering	Regrets
Jeff Longley	General Eng	Present
Dmitri Malakhov	Materials Science	Present
Babak Nahid	Electrical Engineering	Present
Amin Rajabzadeh	Biomedical	Present
Sarah Sullivan	Management Staff Rep.	Absent
Stephen Tullis (Co-Chair)	Mechanical Engineering	Present
Boyan Zhang	Biomedical	Absent
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	Absent
Monica Han	Civil	Present
Oliva Pare	Civil	Present
Aryen Shakib	CUPE Unit 1	Absent
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	Present
Doris Stevanovic (<i>Certified Member</i>)	CEDT	Present
Jim Cleaver	Machine Shop	Present
Lawrence Mak	General Eng	Present
Ramis Arbi	Engineering Physics	Absent
Abdullah (Aboud) Al-Fadhi	Experiential Learning Office (ELO)	Absent
Vacant	180 Bloor Street	-
Vacant	Biomedical	-
Vacant	Hatch Building	-
Consultants/Guests	Department	Attendance

Leah Allan	University Health and Safety	Present
Suba Sathiyavanthan	University Health and Safety	Present

ISSUES FOR CENTRAL TO ADDRESS	Action Items
None.	

1. Minutes and Announcements

<p>Minutes Approval:</p> <p>Stephen Tullis Management Co-Chair: _____</p> <p>John Nakamura, Worker Co-Chair: _____</p> <p>October 9, 2024 minutes – no changes</p> <p>Minutes were approved by 1st M. Giamou and 2nd by M. Han</p>	<p>October 9th, 2024 Minutes sent to UHS on December 6th, 2024</p>
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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

<p><u>First Aid Kit</u></p> <p>-An Additional kit has been added to the lobby area of JHE near the AED machine</p> <p><u>SOP – AEON Super Nova 14 Laser Cutter</u></p> <p>Summary Comments:</p> <p>-As it is a new laser, it was requested to be registered</p> <p>-Include class of laser (class 4, within enclosure that is all interlocked out)</p> <p>-Under precheck where it says, “have I been trained”, who does the training? Train will be done by L. Mak. Laser will be used by L. Mak and coop student only.</p> <p>-Is the room free of dust? Clarified that this was included because they don’t want any dust floating around the air because if it gets into the machine or under surfaces, it could become a fire hazard. The room was cleaned out and swept prior to installation. Students are expected to clean up after themselves.</p> <p>-No Jewellery – generic statement include as any dangling jewellery would cause a safety hazards. Stud piercings are okay.</p> <p>-Under potential hazards: laser radiation – this was included in case someone does something “silly” while not supervised, this is a potential hazard and so it was included in the SOP.</p> <p>-L. Mak confirmed that he and his coop student would be doing most of the cutting. The coop student is an undergrad student also working in the Hatch</p>	<p>ACTION: L. Mak to send a final copy of the SOP to the committee to post in Teams.</p>
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<p>Workshop in a staff capacity.</p> <p>-It would be mostly undergrad students using the laser cutter under the supervision of L. Mak and/or the coop student.</p> <p>-J. Longley will send his comments/questions to L. Mak directly.</p>	
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4. Incident Reports

<p>Presented by L. Allan:</p> <p>Civil Engineering – ADL First Aid: Sprain/Strain – Lower Back</p> <p><i>Incident:</i> While helping to dismantle scaffolding, student lost balance falling backwards.</p> <p><i>Resolution:</i> Actions to improve work procedure. Technicians will be trained/reinstructed on scaffold safety. Review procedures for student involvement.</p> <p>Civil Engineering – Sidewalk between JHE and BSB Abrasion/Contusion: Healthcare – Non-Compensable – Head</p> <p><i>Incident:</i> While walking on the sidewalk, student was struck by a cyclist who was behind them. Student fell contacting head, shoulder, and back on pavement. Cyclist left the scene. Student was dazed and walked into JHE for assistance. Campus Safety/EFRT was contacted.</p> <p><i>Resolution:</i> Security investigated. Video of incident was not captured; cyclist's identity could not be determined. McMaster Pedestrian Safety committee looking at bike lanes on campus to improve safety.</p>	
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5. Safety Reports

AREA	REPORT SUBMITTED
1. CAS	Yes, received by M. Robinson. J. Nakamura presented: -Some hallways were inspected -Fire extinguisher was last inspected in July 2024 that has now been updated.
2. Chemical Engineering	No.
3. Engineering Physics/CEDT	-D. Stevanovic presented: Smart House Inspected – Front entrance, steps are too high and no external lighting. -Emergency training needed for new grad students/coop students. -Fire extinguisher location, it was noted it hadn't been inspected

	<p>since 2018.</p> <ul style="list-style-type: none"> -What are the emergency procedures (do they call 911, 88?) -Who inspects the grounds (Facility Services?) and is it done on a regular basis? -Do people work there at night? -Privacy issues for people working at night? -Campus Safety comes by at least 2x in the evening. -Will need SOP for working alone and to work out a schedule with Campus safety for after hour checks. -Missing lights in the stairwell and more lighting needed on the 2nd floor. -2-step step ladder, on hardwood floor, used in mobility testing could prove a tip or sliding hazard and there are no grab bars. -Window on the 2nd floor is missing a screen and no fall arrest. -Attic: holes in the floor (tripping/ sprain hazard) , was also filled with newspapers as insulation, who maintains the furnace (i.e.. filter replacement?) -Low head room, better guarding is needed. <p>TAB Inspected</p> <ul style="list-style-type: none"> -Pictorial signs, including to indicate toxic gas. -Who is authorized to go into the lab, how to they get access. -Alarm training, protocols. -Exhaust problems, ongoing. -SOPs needed and/or updated including safety SOPs. -Remove 2-wheel cart and replace with 3- or 4-wheel cart. -Students wearing headphone in the lab, noise levels to measured and monitored. -Appropriate PPE. -Check HF kit, eyewash station. -Clean up flammable cabinet. -Put up a sign on the 2nd floor doors that says, “do not open without consulting facilities services”. -Phone to be repaired.
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	No.

6. Central Committee Minutes/Incidents

None.	
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7. Other Business

<p>Engineering Inspections</p> <p>L Allan noted that their office has not been receiving inspection reports. These are done online, Nakamura will set up UHS with a login as well. He will also provide reports to submit as a addendum to be included with the minutes each month when submitted to UHS, going forward.</p>	
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8. JHE Restructuring

None.	
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Motion to adjourn: Motion to adjourn 1st D. Stevanovic and 2nd O. Pare

NEXT MEETING: Wednesday, December 11th, 2024

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