

Faculty of Engineering
Joint Health and Safety Committee Minutes
July 12, 2023 (Virtual Meeting)

FINAL

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Management Member	Department	Attendance
To Be Confirmed	Engineering Physics	Absent
Robert Fleisig	Experiential Learning Office	Present
Fei Geng	SEPT (BTech/SEP)	Absent
Carlos Filipe	Chemical Engineering	Absent
Younggy Kim	Civil Engineering	Absent
Wenbo He	Computing and Software	Absent
Doug Keller - (Certified Member)	Management Cert. Member	Present
Dmitri Malakhov	Materials Science	Absent
Shahin Sirouspour	Electrical Engineering	Absent
Sarah Novosedlik	Management Staff Rep.	Absent
Stephen Tullis (Co-Chair)	Mechanical Engineering	Present
Paige O'Beirne	Alumni/Venture Camp	Absent
Boyan Zhang	Biomedical	Present
Worker Member	Department	Attendance
Ron Hardwood	Electrical Engineering	Absent
Parmveer Bola	iBiomed	Absent
Monica Han	Civil	Present
Oliva Pare	Civil	Absent
Aryen Shakib	CUPE Unit 1	Absent
Fei Xu	CUPE Unit 3	Absent
Yeganeh Nasrollahzadeh	CUPE 3906 Unit 1 Member	Absent
Amir Yazdanpour	CUPE 3906 Unit 1 Member	Absent
Michael Lee	Mechanical Engineering	Absent
Omar Danta	SEPT	Regrets
Heera Marway	MMRI	Present
Ed McCaffery	Materials Science	Regrets
John Nakamura (Co-Chair)	Computing and Software	Present
Timothy Stephens (Certified Member)	Chemical Engineering	Present
Doris Stevanovic (Certified Member)	CEDT	Present
Kent Wheeler	Civil	Regrets
Jim Cleaver	Machine Shop	Present
Martha Kafuko	Experiential Learning Office	Absent
Vacant	Engineering Physics	-
Vacant	General Eng	-
Vacant	Biomedical	-
Vacant	Hatch Building	-
Consultants/Guests	Department	Attendance
Leah Allan	University Health and Safety	Present

ISSUES FOR CENTRAL TO ADDRESS	Action Items
None.	

1. Minutes and Announcements

<p>Minutes Approval: Stephen Tullis Management Co-Chair: _____ John Nakamura, Worker Co-Chair: _____</p> <p>June 14th, 2023 minutes – No changes. Approved, 1st by D. Keller and 2nd by B. Zhang</p>	<p>June 14th, 2023 Minutes sent to UHS on July 24th, 2023</p>
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2. Business Arising

<p>1. Room Inspection Summary Lists (September–August yearly) None.</p>	
<p>2. Room inspections – Lab inspections – extra eyes -D. Stevanovic, M. Han, S. Tullis, and T. Stephens requested L. Allan to assist with inspections. They will reach out to L. Allan individually to arrange inspection times.</p> <p><u>ETB Basement Area</u> -L. Allan reported to the committee that Facility Services reached out to her regarding difficulty in accessing equipment in the ETB basement due to items stored in the area that were blocking the equipment, doorways, and stairwell. Facility Services is requesting this area be cleaned immediately and items be properly stored, or they will go in and start disposing of the items in question.</p>	

3. New Business

<p><u>Sewer Smell in from Lab Drains</u> -D. Stevanovic reported that there is a sewage smell coming from drains especially in the labs. When the fume hoods are turned on, this draws the smell from the drains (negative draw) causing the odor. It was suggested that this may have been because of McMaster closing the air flow vents when there is poor air quality and previously during covid. L. Allan suggested 2 solutions: pouring water down the drains biweekly or placing a working order with Facility to obtain an oil that can be poured down the drain trap to prevent moisture from drying up. -H. Marway requested a copy of the Waste Stream to review with his group.</p>	<p>-L. Allan to submit a workorder address the drains in the washrooms JHE-A108 and A109 -L. Allan will provide Waste Disposal Stream presentation for the Fall meeting.</p>
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4. Incident Reports

<p>Presented by L. Allan:</p> <p>Biomedical Engineering ABB 108 First Aid</p> <p>Incident Description: Student was removing air bubbles from syringe filled with acetic acid when droplet splashed on eye. Immediately rinsed eye for 2 min. and felt no injury or pain.</p> <p>Resolution: Reinstruction of student and work procedures improved</p> <p>Mechanical Engineering ABB 112A First Aid</p> <p>Incident Description: EE was bent over cleaning inside floor standing chamber. As EE stood up, they hit their head on the chamber door and was momentarily dazed. EFRT and supervisor were immediately notified. There was no loss of consciousness.</p> <p>Resolution: A layer of foam will be added to the inside of the door to avoid possible injury and reinstruction on keeping the door completely open while using the equipment.</p> <p>Chemical Engineering Biointerfaces Institute, ETB Hazard</p> <p>Incident Description: While transporting stack of 6-well plates containing BSL-2 agent from incubator, bottom plate slipped out and fell spilling agent on floor and onto pant leg. Area was and clothing disinfected as per protocol.</p> <p>Resolution: SOP will be revised for all experiments involving bacteria to incorporate 2 layers of containment. Team will review and discuss at next meeting.</p> <p>Venture Camp Hazard</p> <p>Incident Description: While moving a bucket containing bullfrogs fixed with formalin, some of the formalin spilled onto the floor. Proper spill procedure was followed to clean the spill and the resulting solid waste disposed of in a labelled, doubled lined box.</p> <p>Resolution: Ensure lid secured before moving full buckets</p>	
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<p>Chemical Engineering ABB 360-3 Healthcare</p> <p>Incident Description: While seated at fume hood, observing reaction in flask, flask slipped out of hands (flask had been in oil bath) and landed on fume hood lip, spilling ~3mL of liquid onto EE lap and soaking into jeans. EE immediately rinsed affected area.</p> <p>Resolution: EE instructed on proper handling of flasks removed from oil baths and to wear a lab coat when handling organic solvents and solutions</p>	
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5. Safety Reports

AREA	REPORT SUBMITTED
1. CAS	Report received by C. Way from J. Nakamura. Offices: Nothing major
2. Chemical Engineering	Some chemicals stored improperly, bench blocking an aisle, condensation of a coolant was dripping.
3. Engineering Physics/CEDT	Offices checked, some bulbs were out, damaged ceiling tiles.
4. Civil/ADL Engineering	Offices: damaged ceiling tiles, Air Conditioner found in an office.
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	No.
11. HATCH	No.

6. Central Committee Minutes/Incidents

<p>-D. Stevanovic provide an update from the May Central meeting:</p> <ul style="list-style-type: none"> -UHS has updated their resources. There is an ergonomic assessment checklist that you are consult and try out for 1-2 weeks and if still experiencing issues, contact UHS for an assessment. -WSIB is having an Excellence program which allows organizations to highlight programs that they have based on different modules. -Mental health training for leaders <p>-L. Allan provided an update from the June Central meeting:</p>	
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<ul style="list-style-type: none"> -Discussions around standardizing first aid kits in lobby areas in campus buildings. Security is also trained in first aid. -UHS has revised and condensed some training modules to include Fire, Asbestos, Ergonomics and Slips, Trips, and Falls. -Incident reporting and process is being reviewed by HR and an external company. This review will include environmental scans and a review of 3 other institutions to compare their process and reporting. -A reminder that it is now the summer season and to be aware of heat stress and awareness. -As summer camps are in progress, faculty, staff, and students are reminded to be aware of heightened traffic on campus especially during pickup and drop-off times when traffic will tend to be a little heavier. 	
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7. Other Business

None.	
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8. JHE Restructuring

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

NEXT MEETING: Wednesday, August 9th, 2023

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